

EPA Bibliography: Overview of literature about EPAs and related concepts

2005-June 2026

This list of publications related to Entrustable Professional Activities and Entrustment decision-making is a sequel to earlier versions that have regularly been updated, now supplemented with 2025-2026 data. The list resulted from a PubMed search for all articles with 'Entrustable' in its title or abstract. The word is a neologism that did not exist before 2005, which makes searches relatively easy. This version of the list was created with help of AI, which enabled to deduplicate references and order them chronologically per heading from newest to oldest.

The list has critical limitations. References are categorized only once, under a heading that seemed logical. However, a reference about 'telehealth EPA in nursing' could feature under Nursing or under Telehealth. It is therefore useful to look under different headings. Another limitation is that references may discuss EPAs and entrustment without mentioning 'entrustable' in title or abstract. This would require an original PubMed search. Finally, PubMed has restrictions as to which publications are included in their database. Google Scholar shows many more publications with 'entrustable'.

Table of Contents

General and introduction texts.....	4
Literature reviews	5
General and cross-disciplinary reviews	5
Undergraduate medical education reviews	5
Graduate or postgraduate medical education reviews	6
Specialty-specific reviews	6
Other health professions reviews	6
Identifying, defining and validating EPAs	7
EPAs for UME/ Medical School and Internship.....	9
Assessment, entrustment decision-making, and feedback.....	12
Entrustment-supervision scales and their validity	20
Clinical competency committees	22
EPAs versus competencies and milestones.....	23
Technology, portfolios, apps and AI.....	24
Supervision, autonomy and safety.....	28
General and theoretical aspects of entrustment	29
Time variability	33
Transitions to clerkship, residency, practice, CPD	33
Curriculum development; EPA implementation	37
CBME and EPA language (8).....	40
Learner perspectives	41
Controversies and discussion.....	42
Faculty development and faculty perceptions.....	44
EPAs and interprofessional education	45
EPAs for medical disciplines	46
Anesthesiology	46
Cardiology	48
Clinical biochemistry.....	48
Clinical microbiology.....	49

Dermatology	49
Emergency medicine and care.....	49
Family medicine and primary care.....	51
Gastroenterology	53
Geriatrics	54
Hematology / oncology / apheresis	54
Hospice and palliative medicine.....	55
Internal medicine.....	56
Intensive care	57
Medical genetics	59
Neurology	59
Neurosurgery	59
Neonatology	59
Nephrology	60
Obstetrics / gynecology	60
Ophthalmology.....	60
Orthopedics	61
Osteopathic medicine.....	61
Otorhino-laryngology / oro-facial maxillo specialty	63
Pathology	63
Pediatrics.....	63
Pharmacology.....	67
Physical medicine / rehabilitation	68
Plastic surgery	68
Psychiatry.....	68
Public health	69
Pulmonary and critical care.....	69
Radiation oncology.....	70
Radiology	70
Rheumatology.....	71
Sports medicine	71
General surgery and subspecialties	71
Trauma care	77
Urology.....	78
Women's health	78
Global Health.....	78
EPAs for other health professions	78
Allied health (general)	78
Chiropraxis	78
Dietetics.....	78
Dentistry	79
Midwifery	81
Nursing.....	82
Occupational therapy	84

Optometry.....	84
Pharmacy	85
Physical therapy - Physiotherapy	91
Physician assistants.....	91
Radiation technology.....	91
Veterinary medicine.....	92
Pathology assistants	93
Specific EPAs.....	93
AI	93
Agression management.....	93
Care of LGBTQ+	93
Documenting encounters.....	93
Behavioral and mental health.....	94
Biopsy	94
Discharge summaries.....	94
Electro-convulsive therapy.....	94
ECG/EKG	94
Emergency medical technician	94
Evidence based medicine.....	94
Global health.....	94
Informed consent	95
Inguinal hernia repair.....	95
Hiv.....	95
Nephrology outpatient clinic.....	95
Patient-centered medical home care	95
Patient handover	95
Physical examination.....	96
Procedural skills and simulation	96
Referral and consultation.....	96
Sexual health.....	96
Shared decision making, informed consent	97
Social needs	97
Tele healthcare	97
Triaging	97
Ultrasound / sonography.....	97
Ward rounds	99
Miscellaneous.....	99
Miscellaneous (22).....	101
EPAs for non-health care disciplines	103
MHPE and PhD training	103
Management.....	103
Teaching in HPE.....	103
Research EPAs.....	104

General and introduction texts

- ten Cate O, Hennis MP. Entrustable professional activities and entrustment decision-making for competency-based education in the health professions: an introduction. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 3–14.
- ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP. (Eds). 2024. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. London: Ubiquity Press, 2024. DOI: <https://doi.org/10.5334/bdc>. License: CC BY 4.0 [book]
- NN. Nuts and Bolts: Entrustable Professional Activities. *Acad Pediatr*. 2023 Sep-Oct;23(7):1307-1308. doi: 10.1016/j.acap.2023.05.018. Epub 2023 Jun 5.
- Brodmann Maeder M. Ärztliche Weiterbildung in der Schweiz – ein Narrativ [Lanformation médicale continue en Suisse - un récit]. *Praxis* (Bern 1994). 2023 Apr;112(5-6):292-296.
- O'Connor P, Lydon S, O'Dowd E, Byrne D. Entrustable professional activities for early health professionals: What's next? *Med Educ*. 2021 Sep;55(9):984-986. doi: 10.1111/medu.14594. Epub 2021 Jul 16. PMID: 34181774.
- ten Cate O, Balmer DF, Caretta-Weyer H, Hatala R, Hennis MP, West DC. Entrustable Professional Activities and Entrustment Decision Making: A Development and Research Agenda for the Next Decade. *Acad Med*. 2021 Jul1;96(7S):S96-S104.
- Schumacher DJ, Turner DA. Entrustable Professional Activities: Reflecting on Where We Are to Define a Path for the Next Decade. *Acad Med*. 2021 Jul 1;96(7S):S1-S5. doi: 10.1097/ACM.0000000000004097. PMID: 34183594.
- Persky AM, Fuller KA, ten Cate O. True Entrustment Decisions Regarding Entrustable Professional Activities Happen in the Workplace, not in the Classroom Setting. *Am J Pharm Educ*. 2021 May;85(5):8536. doi: 10.5688/ajpe8536. Epub 2021 Feb 11. PMID: 34283734; PMCID: PMC8174615.
- Tekian A, Ten Cate O, Holmboe E, Roberts T, Norcini J. Entrustment decisions: Implications for curriculum development and assessment. *Med Teach*. 2020 Jun;42(6):698-704.
- Rosengren B, Möller R, Hellman J, Jood K, Ekstedt M, Särnblom S, Alm S, Gummesson C. [EPA (Entrustable professional activities) - an international approach to define key tasks that a doctor should be able to perform]. [Article in Swedish] *Lakartidningen*. 2019 May 7;116.
- ten Cate, O. Guia Atualizado sobre Atividades Profissionais Confiáveis (APCs) - An updated primer on Entrustable Professional Activities. [English and Portuguese /Brazil]. *Revista Brasileira de Educação Médica* 2019;43(Suppl.1):1-10
- Powell D, Carraccio C. Toward Competency-Based Medical Education. *N Engl J Med*. 2018;378(1):3–5.
- Chuang LL, Hsieh MC. A competency-based approach to critical care education. *Tzu Chi Medical Journal* 2018; 30(3): 148-51
- Ten Cate O. Competency-Based Postgraduate Medical Education: Past, Present and Future. *GMS J Med Educ*. 2017 Nov 15;34(5):Doc69.
- Carraccio C, Englander R, Gilhooly J, Mink R, Hofkosh D, Barone MA, Holmboe ES. Building a Framework of Entrustable Professional Activities, Supported by Competencies and Milestones, to Bridge the Educational Continuum. *Acad Med*. 2017 Mar;92(3):324-330.
- Ten Cate O, Tobin S, Stokes ML. Bringing competencies closer to day-to-day clinical work through entrustable professional activities. *Med J Aust*. 2017 Jan16;206(1):14-16.
- Ten Cate O. A Primer on Entrustable Professional Activities [English and Spanish]. *Fundación Educación Médica* 2017;20(3)95-102
- Niemi-Murola L. Entrustable professional activity (EPA) reshapes the practice of specialist training. *Duodecim*. 2017;133(1):77-83.

- El-Haddad C, Damodaran A, McNeil HP, Hu W. The ABCs of entrustable professional activities: an overview of 'entrustable professional activities' in medical education. *Intern Med J*. 2016 Sep;46(9):1006-10
- Dhaliwal U, Gupta P, Singh T. Entrustable Professional Activities: Teaching and Assessing Clinical Competence. *Indian Pediatr*. 2015 Jul;52(7):591-7
- Rashid P. Entrustable professional activities: time to be trusted? *ANZ J Surg*. 2015 May;85(5):298-9.
- Sklar DP. Competencies, milestones, and entrustable professional activities: what they are, what they could be. *Acad Med*. 2015 Apr;90(4):395-7.
- Ten Cate O, Chen HC, Hoff RG, Peters H, Bok H, van der Schaaf M. Curriculum development for the workplace using Entrustable Professional Activities (EPAs): AMEE Guide No. 99. *Med Teach*. 2015;37(11):983-1002.
- Englander R, Carraccio C. From theory to practice: making entrustable professional activities come to life in the context of milestones. *Acad Med*. 2014 Oct;89(10):1321-3.
- Ten Cate O. AM last page: what entrustable professional activities add to a competency-based curriculum. *Acad Med*. 2014 Apr;89(4):691.
- Berberat PO, Harendza S, Kadmon M; Gesellschaft für Medizinische Ausbildung, GMA-Ausschuss für Weiterbildung. Entrustable professional activities - visualization of competencies in postgraduate training. Position paper of the Committee on Postgraduate Medical Training of the German Society for Medical Education (GMA). *GMS Z Med Ausbild*. 2013 Nov 15;30(4):Doc47
- Ten Cate O. Nuts and bolts of entrustable professional activities. *J Grad Med Educ*. 2013 Mar;5(1):157-8.
- Pangaro L, ten Cate O. Frameworks for learner assessment in medicine. *AMEE Guide 78. Medical Teacher* 2013; 35: e1197–e1210
- ten Cate O, Snell L, Carraccio C. Medical competence: the interplay between individual ability and the health care environment. *Med Teach*. 2010;32(8):669-75.
- ten Cate O, Scheele F. Competency-based postgraduate training: can we bridge the gap between theory and clinical practice? *Acad Med*. 2007 Jun;82(6):542-7. PubMed PMID: 17525536.
- Ten Cate O. Trust, Competence and the Supervisor's role in Postgraduate Training. *BMJ* 2006;333:748-751
- Ten Cate O. Entrustability of professional activities and competency-based training. *Medical Education* 2005;39:1176-1177

Literature reviews

General and cross-disciplinary reviews

- Shorey S, Lau TC, Lau ST, Ang E. Entrustable professional activities in health care education: a scoping review. *Med Educ*. 2019 Aug;53(8):766-777.

Undergraduate medical education reviews

- Bramley AL, McKenna L. Entrustable professional activities in entry-level health professional education: A scoping review. *Med Educ*. 2021 Apr 21. doi: 10.1111/medu.14539. Epub ahead of print. PMID: 33884655.
- Pinilla S, Lenouvel E, Cantisani A, Klöppel S, Strik W, Huwendiek S, Nissen C. Working with entrustable professional activities in clinical education in undergraduate medical education: a scoping review. *BMC Med Educ*. 2021;19;21(1):172.
- Meyer EG, Chen HC, Uijtdehaage S, Durning SJ, Maggio LA. Scoping Review of Entrustable Professional Activities in Undergraduate Medical Education. *Acad Med*. 2019 Jul;94(7):1040-1049.

Graduate or postgraduate medical education reviews

- Jaramillo-Villegas C, Hernandez-Rincon EH, Poveda-Henao CM, Guzman-Sabogal YR. Assessment methods in graduate medical education in critical care: a scoping review. *BMC Med Educ.* 2026 Jan 10;26(1):225. doi: 10.1186/s12909-025-08451-6. PMID: 41519723; PMCID: PMC12888572.
- Kitto S, Fantaye AW, Zevin B, Fowler A, Sachdeva AK, Raiche I. A Scoping Review of the Literature on Entrustable Professional Activities in Surgery Residency Programs. *J Surg Educ.* 2024 Jun;81(6):823-840. doi: 10.1016/j.jsurg.2024.02.011. Epub 2024 Apr 27. PMID: 38679495
- Liu L, Jiang Z, Qi X, Xie A, Wu H, Cheng H, Wang W, Li H. An update on current EPAs in graduate medical education: A scoping review. *Med Educ Online.* 2021 Dec;26(1):1981198. doi: 10.1080/10872981.2021.1981198. PMID: 34569433; PMCID: PMC8477952.
- Kerth JL, van Treel L, Bosse HM. The Use of Entrustable Professional Activities in Pediatric Postgraduate Medical Education: A Systematic Review. *Acad Pediatr.* 2021 Jul 10:S1876-2859(21)00359-4. doi: 10.1016/j.acap.2021.07.007. Epub ahead of print. PMID: 34256178.
- O'Dowd E, Lydon S, O'Connor P, Madden C, Byrne D. A systematic review of 7 years of research on entrustable professional activities in graduate medical education, 2011-2018. *Med Educ.* 2019 Mar;53(3):234-249.

Specialty-specific reviews

- Godbole AA, Deshpande SP, Khare H, Kolte S, Deokar SVB, Sankhe SM, Mehndiratta A, Singh RR, Sayal A, Gandhi SR. Entrustable Professional Activities (EPAs) in General Surgery-From Inception to Implementation: A Scoping Review. *J Surg Educ.* 2026 Aug;83(8):103989. doi: 10.1016/j.jsurg.2026.103989. Epub 2026 May 29. PMID: 42209316.
- O'Sullivan OE, Daykan Y, Rotem R. Advancing obstetrics and gynecology training: The shift toward outcome and based education, a narrative review of literature. *Int J Gynaecol Obstet.* 2025 Dec;171(3):1156-1161. doi: 10.1002/ijgo.70284. Epub 2025 Jun 18. PMID: 40530761; PMCID: PMC12640179.
- Domann M, Phillips F, Fischer MR, Stadler M. The development status of entrustable professional activities-based curricula in orthopedic and neurosurgical spinal surgery: a systematic review. *Front Med (Lausanne).* 2025 Dec 5;12:1575456. doi: 10.3389/fmed.2025.1575456. PMID: 41426574; PMCID: PMC12714615.
- Katyal A, Krishnan S V. Skill progression models in emergency medicine training: a narrative review and the development of the OASIS framework. *Int J Emerg Med.* 2025 Oct 1;18(1):186. doi: 10.1186/s12245-025-00994-1. PMID: 41034701; PMCID: PMC12487538.
- Gomes TO, Girão FB, Silva MH, Andrade MVM. Competency-based education in intensive care multiprofessional training: a scoping review. *Crit Care Sci.* 2025 Sep 15;37:e20250385. doi: 10.62675/2965-2774.20250385. PMID: 40960741; PMCID: PMC12674822.
- Passoni Lopes LC, Ferrazini RVS, Costa K, de Albuquerque WL, Carvalho C, Kwan J, David TKP, Chu S, Tempski PZ, de Arruda Martins M, Alencar JCG. Entrustable professional activities, emergency medicine and medical education: a systematic review. *Int J Emerg Med.* 2024 Sep 5;17(1):112. doi: 10.1186/s12245-024-00699-x. PMID: 39237864; PMCID: PMC11375971.
- Montgomery KB, Mellinger JD, Lindeman B. Entrustable Professional Activities in Surgery: A Review. *JAMA Surg.* 2024 May 1;159(5):571-577. doi: 10.1001/jamasurg.2023.8107. PMID: 38477902; PMCID: PMC11260519.

Other health professions reviews

- Souza LCOA, Romani LFA, Lima MG. How Have Entrustable Professional Activities (EPAs) Been Implemented in Pharmacy Education? A Scoping Review. *Pharmacy (Basel).* 2025 Nov 1;13(6):156. doi: 10.3390/pharmacy13060156. PMID: 41283618; PMCID: PMC12641839.

- Abu Bakar N, Roslan NS, Haq MAU, Yusoff MSB. Elements of entrustable professional activities for dental educators: a scoping review. *BMC Med Educ.* 2025 Oct 22;25(1):1481. doi: 10.1186/s12909-025-07888-z. PMID: 41126113; PMCID: PMC12541977.
- Al-Diery T, Marotti S, Lee KMK, Bishawi A, Rowett D, Johnson JL. Unlocking Findings of Entrustable Professional Activities for Trainee Development, Entrustment, and Practice Readiness in Pre-registration Pharmacy Training: A Systematic Review. *Am J Pharm Educ.* 2025 Sep;89(9):101485. doi: 10.1016/j.ajpe.2025.101485. Epub 2025 Aug 13. PMID: 40816455.
- Howe V, Whitworth A, Noonan A, Medel I, Perez S, Christenberry EJ. A scoping review of advanced pharmacy practice experience readiness assessment measures across schools of pharmacy. *Curr Pharm Teach Learn.* 2024 Jul;16(7):102088. doi: 10.1016/j.cptl.2024.04.004. Epub 2024 Apr 11. PMID: 38604892.
- Moore SJ, Egerton T, Merolli M, Lees J, La Scala N, Parry SM. Inconsistently reporting post-licensure EPA specifications in different clinical professions hampers fidelity and practice translation: a scoping review. *BMC Med Educ.* 2023 May 24;23(1):372.

Identifying, defining and validating EPAs

- Moffatt ME, Ford R, Lujano BN, Reed S, Singh A, Stewart DA, Turner DA. Competency based medical education - Where do I start? *Curr Probl Pediatr Adolesc Health Care.* 2024 Oct;54(10):101674. doi: 10.1016/j.cppeds.2024.101674. Epub 2024 Aug 31. PMID: 39218715.
- Peters H, Holzhausen Y, Czeskleba A, Schumann M. Defining a set of teaching EPAs tailored to an undergraduate medical curriculum using a modified Delphi approach. *BMC Med Educ.* 2024 May 28;24(1):588. doi: 10.1186/s12909-024-05553-5. PMID: 38807126; PMCID: PMC11134953.
- Monti M, Pittet V, Frick S, Gachoud D. A multi-method approach to drafting candidate entrustable professional activities for a general internal medicine residency programme. *Swiss Med Wkly.* 2024 May 27;154:3592. doi: 10.57187/s.3592. PMID: 38801750.
- Montgomery KB, Mellinger JD, Jones A, McLeod MC, Zmijewski P, Sarosi GA Jr, Brasel KJ, Klingensmith ME, Minter RM, Buyske J, Lindeman B. Validity of Entrustable Professional Activities in a National Sample of General Surgery Residency Programs. *J Am Coll Surg.* 2024 Apr 1;238(4):376-384. doi: 10.1097/XCS.0000000000000967. Epub 2024 Mar 15. PMID: 38224150; PMCID: PMC10942265.
- Taylor DR, Schwartz A, Elmes AT, Marty AP, Hennus MP. Monitoring and evaluating EPAs and EPA frameworks. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP. (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education.* London: Ubiquity Press, 2024 p. 121-130
- Taylor DR, Fitzpatrick S, López MJ, Hennus MP, Marty AP, ten Cate O. Entrustable professional activities and EPA frameworks defined. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education.* Ubiquity Press; 2024. p. 87–100.
- Hennus MP, Holzhausen Y, Ladenheim RI, Nel D, Pinilla, S. Approaches to identifying and elaborating entrustable professional activities. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP. (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education.* London: Ubiquity Press, 2024 p. 101-110
- Jacobs SM, Lundy NN, Issenberg SB, Chandran L. Reimagining Core Entrustable Professional Activities for Undergraduate Medical Education in the Era of Artificial Intelligence. *JMIR Med Educ.* 2023 Dec 19;9:e50903. doi: 10.2196/50903. PMID: 38052721; PMCID: PMC10762622.
- Hennus MP, Jarrett JB, Taylor DR, Ten Cate O. Twelve tips to develop entrustable professional activities. *Med Teach.* 2023 Jul;45(7):701-707.
- Stone SN, Rydberg L. Creating and confirming observable professional activities (OPAs): A brief report on the practical approach for OPA design for resident education. *J Spinal Cord Med.* 2023 Mar 27:1-5.

- Pool I, Hofstra S, van der Horst M, Ten Cate O. Transdisciplinary entrustable professional activities. *Med Teach*. 2023 Jan 28;1-6. D
- Brucia RC, Taggart NW, Sagiv E, Kohli U, Tisma-Dupanovic S, Sutton NJ, McDaniel GM, Rossano JW, Dwyer AC, Marshall AC. Applying Practice Analysis to Develop a New Test Content Outline for the Pediatric Cardiology Certification Examination. *Pediatr Cardiol*. 2022 Dec 12. doi: 10.1007/s00246-022-03070-0. Epub ahead of print.
- Hmoud AlSheikh M, Zaini RG, Iqbal MZ. Developing and Mapping Entrustable Professional Activities with Saudi Meds Competency Framework: A Consensus Study. *Adv Med Educ Pract*. 2022 Oct 28;13:1367-1374.
- Hennis MP, van Dam M, Gauthier S, Taylor DR, Ten Cate O. The logic behind entrustable professional activity frameworks: A scoping review of the literature. *Med Educ*. 2022 Sep;56(9):881-891.
- Li H, Sun Y, Barwise A, Cui W, Dong Y, Tekin A, Yuan Q, Qiao L, Gajic O, Niven A. A novel multimodal needs assessment to inform the longitudinal education program for an international interprofessional critical care team. *BMC Med Educ*. 2022 Jul 13;22(1):540.
- Gao S, Li N, Wang X, Yu Y, Zhao R, Trigo V, Ramalho NC. An Assessment Framework for the Training of General Practitioners and Specialists Based on EPAs. *Front Public Health*. 2022 Jul 7;10:896097. doi: 10.3389/fpubh.2022.896097.
- Huth K, Henry D, Cribb Fabersunne C, Coleman CL, Frank B, Schumacher D, Shah N. A Multistakeholder Approach to the Development of Entrustable Professional Activities in Complex Care. *Acad Pediatr*. 2021 Sep 30:S1876-2859(21)00456-3. doi: 10.1016/j.acap.2021.09.014. Epub ahead of print. PMID: 34600114.
- El-Haddad C, Hegazi I, Hu W. A patient expectations questionnaire for determining criteria for entrustment decisions. *Med Teach*. 2021 Sep;43(9):1031-1038. doi: 10.1080/0142159X.2021.1907324. Epub 2021 Apr 10. PMID: 33840349.
- Carraccio C, Martini A, Van Melle E, Schumacher DJ. Identifying Core Components of EPA Implementation: A Path to Knowing if a Complex Intervention Is Being Implemented as Intended. *Acad Med*. 2021 Sep 1;96(9):1332-1336. doi: 10.1097/ACM.0000000000004075. PMID: 33769339.
- Dehghani Poudeh M, Mohammadi A, Mojtahedzadeh R, Yamani N. Entrustability levels of general internal medicine residents. *BMC Med Educ*. 2021 Mar 25;21(1):185. doi: 10.1186/s12909-021-02624-9. PMID: 33766005; PMCID: PMC7995576.
- Taylor D, Park YS, Smith C, ten Cate O, Tekian A. Constructing Approaches to Entrustable Professional Activity Development that Deliver Valid Descriptions of Professional Practice. *Teach Learn Med*. 2021;33(1):89-97
- Ten Cate O, Taylor DR. The recommended description of an entrustable professional activity: AMEE Guide No. 140. *Med Teach*. 2020 Nov 9;1-9. doi: 10.1080/0142159X.2020.1838465. Epub ahead of print. PMID: 33167763.
- Holzhausen Y, Maaz A, Renz A, Bosch J, Peters H. How to define core entrustable professional activities for entry into residency? *BMC Med Educ*. 2018 May 2;18(1):87. doi: 10.1186/s12909-018-1159-5.
- Taylor DR, Park YS, Egan R, Chan MK, Karpinski J, Touchie C, Snell LS, Tekian A. EQual, a Novel Rubric to Evaluate Entrustable Professional Activities for Quality and Structure. *Acad Med*. 2017 Nov;92(11S Association of American Medical Colleges Learn Serve Lead: Proceedings of the 56th Annual Research in Medical Education Sessions):S110-S117
- El-Haddad C, Damodaran A, McNeil HP, Hu W. A Patient-Centered Approach to Developing Entrustable Professional Activities. *Acad Med*. 2017 Jun;92(6):800-808
- Englander R, Flynn T, Call S, Carraccio C, Cleary L, Fulton TB, Garrity MJ, Lieberman SA, Lindeman B, Lypson ML, Minter RM, Rosenfield J, Thomas J, Wilson MC, Aschenbrener CA.

Toward Defining the Foundation of the MD Degree: Core Entrustable Professional Activities for Entering Residency. *Acad Med*. 2016 Oct;91(10):1352-1358

- Post JA, Wittich CM, Thomas KG, Dupras DM, Halvorsen AJ, Mandrekar JN, Oxentenko AS, Beckman TJ. Rating the Quality of Entrustable Professional Activities: Content Validation and Associations with the Clinical Context. *J Gen Intern Med*. 2016 May;31(5):518-23
- Monteiro SD. Capsule Commentary on Post et al., Rating the Quality of Entrustable Professional Activities: Content Validation and Associations with the Clinical Context. *J Gen Intern Med*. 2016 May;31(5):537
- Kwan J, Crampton R, Mogensen LL, Weaver R, van der Vleuten CP, Hu WC. Bridging the gap: a five stage approach for developing specialty-specific entrustable professional activities. *BMC Med Educ*. 2016 Apr 20;16:117
- Teherani A, Chen HC. The next steps in competency-based medical education: milestones, entrustable professional activities and observable practice activities. *J Gen Intern Med*. 2014 Aug;29(8):1090-2. doi:10.1007/s11606-014-2850-9. PubMed PMID: 24737226; PubMed Central PMCID:PMC4099468.

EPAs for UME/ Medical School and Internship

- Magzoub M, Taha MH, Waller SA, Shersad F, Nosair E, Lamba P, Rajasekaran SK, Alameri H, Al-Houqani M, Qandil AM. EmiratesMEDs: a national competency framework for UAE medical graduates. *Front Med (Lausanne)*. 2026 Jun 12;13:1803817. doi: 10.3389/fmed.2026.1803817. PMID: 42369132; PMCID: PMC13303357.
- Griebie AM, Dale ED, Abulela MAA, Violato C. Implementing Core Entrustable Professional Activities in Emergency Medicine Clerkships: A Psychometric Study of Student Growth. *AEM Educ Train*. 2026 Jun 23;10(3):e70191. doi: 10.1002/aet2.70191. PMID: 42358867; PMCID: PMC13291420.
- Cox LM, Pascoe JM, Kisielewski M, Pahwa AK. Medical student performance evaluation narrative assessment composition processes and challenges: a national survey of internal medicine clerkship directors. *Acad Med*. 2026 Jun 1;101(6):673-681. doi: 10.1093/acamed/wwaf057. PMID: 41507078.
- Smith H, Colangelo H, Mader K, Silva R, Adams JE, Lockspieser T. Comparability of Preceptor Assessment of Medical Students in a General Practice and Multispecialty Longitudinal Integrated Clerkship in a US Medical School. *Teach Learn Med*. 2026 Apr-May;38(2):196-205. doi: 10.1080/10401334.2025.2495351. Epub 2025 Apr 28. PMID: 40293320.
- Khalil MK, Iwanaga J, Tubbs RS. Competency-Based Medical Education and the Evolving Role of Anatomical Sciences in Undergraduate Medical Education. *Clin Anat*. 2026 Apr 24. doi: 10.1002/ca.70131. Epub ahead of print. PMID: 42032922.
- Plash WB, Leiva DF, Watkins KD, Gardner JM, Comp G, Lareau SA. Curriculum Guidelines for Wilderness Medicine Medical Student Electives: 2025 Update. *Wilderness Environ Med*. 2026 Mar;37(1_suppl):97S-101S. doi: 10.1177/10806032251318582. Epub 2025 Feb 21. PMID: 39982027.
- Nixon LJ, Poeppelman RS, Traxler M, Violato C. Assessing Core Entrustable Professional Activities in the pre-clerkship Phase of Undergraduate Medical Education. *Acad Med*. 2026 Mar 11:wwag059. doi: 10.1093/acamed/wwag059. Epub ahead of print. PMID: 41812055.
- Ryan MS, Teunissen P, Santen SA, Emke A, Jones RL, Poeppelman R, Kelleher M, Parsons A, Jolani S, Vinson A; UME Competency Committee Collaborators. "It's about better doctors": exploring the purpose, structure, and function of competency committees in medical school. *Acad Med*. 2026 Feb 1;101(2):188-197. doi: 10.1093/acamed/wwaf048. PMID: 41637184.
- Greilich PE, Sadighi M, Paquette SL, Chandran N, Williams KN, Hernandez J, Michael MM, Klocko D, Hoffman OL, Preble R, McHugh M, Chan C, Johnson A, Tran B, Mehta HN, Joshi K, Silberman AP, Nichols B, Mehta A, Reyes R, Gisick L, Farooqi S, Dalton T, Cooper MB, Sutaria JM, Kannan

- S, Shoultz T, Ruderman A, Yang Y, Tannous A, Pierce A, Rege RV, Phelps E, Reed G, Lazzara EH, Tannenbaum SI, Salas E. Team FIRST: an innovative educational strategy for teaching teamwork competencies to medical students. *BMC Med Educ*. 2026 Feb 20;26(1):501. doi: 10.1186/s12909-026-08658-1. PMID: 41721350; PMCID: PMC13032448.
- Ark TK, DeWitt DE, Zabar S, Green E, Dodson L, Prunuske J, Crowe R, Ownby AR, Fairbrother H, Francis M, Schaye V, Nicholson J, Wargo E, Henderson A, Kalet AL. How Ready Are Our Near-Graduates for Internship? Data from Seven Medical Schools. *Med Sci Educ*. 2026 Feb 14;36(2):785-794. doi: 10.1007/s40670-026-02669-9. PMID: 42183448; PMCID: PMC13197511.
 - Zozaya C, Bresler TE, Bohlmann P, Morton S, Kumar AS. Exploring relationships of senior medical students' performance with entrustable professional activities assessed by oral examinations. *Am J Surg*. 2026 Jan;251:116538. doi: 10.1016/j.amjsurg.2025.116538. Epub 2025 Aug 8. PMID: 40835504.
 - Lister J, Jaffer S, Poeppelman RS, Lane K, Jankowski K, Angell K, Violato C. Implementation of Core Entrustable Professional Activities in the Internal Medicine Clerkship: A Psychometric Study. *J Gen Intern Med*. 2026 Jan 29. doi: 10.1007/s11606-026-10210-2. Epub ahead of print. PMID: 41612117.
 - Khan MA, Yasmin R, Rani L, Ahmed MR, Aftab S, Aftab T. Enhancing dermatology education: entrustable professional activities for undergraduate clerkships. *Clin Exp Dermatol*. 2025 Dec 23;51(1):78-85. doi: 10.1093/ced/llaf404. PMID: 40897393.
 - Dohle NJ, Peters H, Holzhausen Y. Lehre im chirurgischen Tertial gestalten – Mit welchen praktischen Vorerfahrungen starten Studierende in das PJ? [Organize teaching in the surgical rotation -What practical experience do students starting the final year clerkship have?]. *Chirurgie (Heidelb)*. 2025 Dec 5. German. doi: 10.1007/s00104-025-02428-3. Epub ahead of print. PMID: 41348326.
 - Dimassi Z, Abuzitoun M, Ahmad M, Lutfi D, Vijayakumar T, Kakati N, Murray D, Guraya S. Development, implementation, and evaluation of a flagship simulation-based capstone course for graduating medical students in the Middle East. *Front Med (Lausanne)*. 2025 Nov 12;12:1684952. doi: 10.3389/fmed.2025.1684952. Erratum in: *Front Med (Lausanne)*. 2025 Dec 09;12:1750655. doi: 10.3389/fmed.2025.1750655. PMID: 41312469; PMCID: PMC12647008.
 - Johnson RR, Barry B, Goldman M, Langan ML, Weiss P, Kazmir S, Phatak UP. Evaluating the Impact of Intensive Care Unit Rotations During the Pediatric Clerkship. *Med Sci Educ*. 2025 Nov 28;36(1):321-330. doi: 10.1007/s40670-025-02548-9. PMID: 41939052; PMCID: PMC13043848.
 - Edwards HL, Pope LM, Park S, Allan R, Cullen J, Lindley R, Virk F, Kirby J. Entrustable professional activities - the missing piece of the assessment jigsaw for UK undergraduate medical education? Is general practice the perfect place to start? *Educ Prim Care*. 2025 Nov;36(6):260-264. doi: 10.1080/14739879.2025.2521133. Epub 2025 Jul 4. PMID: 40613631.
 - Card D, McPherson L, Marka N, Langworthy B, Mustapha T, Violato C, Englander R, Poeppelman RS. Sex and racial bias in medical student EPA assessments: Findings and hypotheses for bias mitigation targets. *Med Teach*. 2025 Nov;47(11):1815-1824. doi: 10.1080/0142159X.2025.2502162. Epub 2025 May 20. PMID: 40395014.
 - Abrishami AD, Minor S, Stumbar S. Student Perceptions of Their Impact on the Quality of Patient Care during Third-Year Core Clerkships. *South Med J*. 2025 Nov;118(11):731-734. doi: 10.14423/SMJ.0000000000001898. PMID: 41191448.
 - Berendonk C, Waldvogel TEE, Bonvin R, Schirlo C, Goldhahn J, Frank Z, Nendaz M. Revision of a nationwide competency framework for undergraduate medical education in Switzerland: PROFILES 2. *Swiss Med Wkly*. 2025 Sep 15;155:4389. doi: 10.57187/s.4389. PMID: 41085377.
 - Nierenberg DW, Lewis LD. The clinical pharmacology and therapeutics course for graduating medical students at Dartmouth: Preparation for internship and residency. *Br J Clin Pharmacol*. 2025 Aug;91(8):2162-2167. doi: 10.1111/bcp.16179. Epub 2024 Jul 30. PMID: 39077813.

- Lin YH, Yang YY, Chen CH, Huang CC, Li CP, Shen HC, Yeh HY, Liang JF, Chu SY, Lirng JF, Wang SJ. Can routine EPA-based assessments predict OSCE performances of undergraduate medical students? *Med Teach*. 2025 Jul;47(7):1134-1143. doi: 10.1080/0142159X.2024.2413024. Epub 2024 Oct 14. PMID: 39400116.
- ten Cate O, Nel D, Hennis MP, Peters S, Romao GS. For which entrustable professional activities must medical students be prepared if unsupervised patient care without further training is an expectation? An international Global South study. *BMJ Glob Health*. 2024 Oct 15;9(10):e016090. doi: 10.1136/bmjgh-2024-016090. PMID: 39414331; PMCID: PMC11481114.
- Patra S. Is There a Need for an Entrustable Professional Activity-Based Psychiatry Curriculum for Medical Interns? *Indian J Psychol Med*. 2023 Sep;45(5):547-548. doi: 10.1177/02537176231166783. Epub 2023 Apr 12. PMID: 37772147; PMCID: PMC10523515.
- Gummesson C, Alm S, Cederborg A, Ekstedt M, Hellman J, Hjelmqvist H, Hultin M, Jood K, Leanderson C, Lindahl B, Möller R, Rosengren B, Sjölander A, Svensson PJ, Särnblad S, Tejera A. Entrustable professional activities (EPAs) for undergraduate medical education - development and exploration of social validity. *BMC Med Educ*. 2023 Sep 4;23(1):635. doi: 10.1186/s12909-023-04621-6. PMID: 37667366; PMCID: PMC10478490.
- Bremer AE, Ruczynski LIA, Bot P, Fluit CRMG, van de Pol MHJ. A Qualitative Study on How Entrustable Professional Activities Support Medical Students in Their Transitions across Clerkships. *Perspect Med Educ*. 2023 May 29;12(1):187-197.
- Bremer AE, van de Pol MHJ, Laan RFJM, Fluit CRMG. An Innovative Undergraduate Medical Curriculum Using Entrustable Professional Activities. *J Med Educ Curric Dev*. 2023 Apr 24;10:23821205231164894.
- Homberg A, Narciß E, Thiesbonenkamp-Maag J, Heindl F, Schüttpeitz-Brauns K. Final-year information on didactic and organizational issues for students and supervising physicians - project report on the development and implementation of the cross-site website PJ-input. *GMS J Med Educ*. 2023 Feb 15;40(1):Doc6.
- Hanna K, Gupta S, Hurst R, McKeon BA, DeWaay D. Specialty-Specific Entrustable Professional Activities: A Bridge to Internship. *Cureus*. 2023 Feb 27;15(2):e35547.
- Grbic D, Gielissen KA, Obeso V, Amiel JM, Jayas A, Andriole DA. Core Entrustable Professional Activities for Entering Residency: A National Survey of Graduating Medical Students' Self-Assessed Skills by Specialty. *J Am Coll Surg*. 2022 Dec 1;235(6):940-951.
- Francischetti I, Holzhausen Y, Peters H. Entrustable professional activities for Junior Brazilian Medical Students in community medicine. *BMC Med Educ*. 2022 Oct 25;22(1):737.
- Klapheke M, Abrams MP, Cubero M, Zhu X. Aligning Medical Student Workplace- Based Assessments with Entrustable Professional Activities and the RIME Model in Psychiatry Clerkship. *Acad Psychiatry*. 2022 Jun;46(3):283-288. doi: 10.1007/s40596-022-01614-3. Epub 2022 Mar 14. PMID: 35288865.
- Elias KL, Nick MW, Zabar S, Buckvar-Keltz L, Ng GM, Riles TS, Kalet AL. Viewing Readiness-for-Residency through Binoculars: Mapping Competency-Based Assessments to the AAMC's 13 Core Entrustable Professional Activities (EPAs). *Teach Learn Med*. 2022 Jun 6:1-6. doi: 10.1080/10401334.2022.2082432. Epub ahead of print. PMID: 35668557.
- von Streng Paats T, Masud T, Huwendiek S, Blundell A, Vassallo M, Stuck AE. Geriatric medicine learning objectives and entrustable professional activities in undergraduate medical curricula: a scoping review. *Age Ageing*. 2022 May 1;51(5):afac100. doi: 10.1093/ageing/afac100. PMID: 35536879; PMCID: PMC9089827.
- Meyer EG, Boulet JR, Monahan PB, Durning SJ, Uijtdehaage S. A Pilot Study of the Generalizability of Preclinical Entrustment Assessments in Undergraduate Medical Education. *Acad Med*. 2022 Apr 1;97(4):562-568. doi: 10.1097/ACM.0000000000004590. PMID: 35020614.
- Amiel JM, Andriole DA, Biskobing DM, Brown DR, Cutrer WB, Emery MT, Mejicano GC, Ryan MS, Swails JL, Wagner DP; Association of American Medical Colleges Core EPAs for Entering

Residency Pilot Team. Revisiting the Core Entrustable Professional Activities for Entering Residency. *Acad Med*. 2021 Jul 1;96(7S):S14-S21. doi: 10.1097/ACM.0000000000004088. PMID: 34183597.

- Garber AM, Feldman M, Ryan M, Santen SA, Dow A, Goldberg SR. Core EPAs in the Acting Internship: Early Outcomes from an Interdepartmental Experience. *Med Sci Educ*. 2021 Feb 9;31(2):527-533. doi: 10.1007/s40670-021-01208-y. PMID: 34457910; PMCID: PMC8368811.
- Meyer EG, Taylor DR, Uijtdehaage S, Durning SJ. EQual Rubric Evaluation of the Association of American Medical Colleges' Core Entrustable Professional Activities for Entering Residency. *Acad Med*. 2020 Nov;95(11):1755-1762. doi: 10.1097/ACM.0000000000003504. PMID: 32433310.
- O'Dowd E, Lydon S, O'Connor P, Boland J, Offiah G, Byrne D. The development of a framework of entrustable professional activities for the intern year in Ireland. *BMC Med Educ*. 2020 Aug 18;20(1):273.
- Sohrmann M, Berendonk C, Nendaz M, Bonvin R, Swiss Working Group For Profiles Implementation. Nationwide introduction of a new competency framework for undergraduate medical curricula: a collaborative approach. *Swiss Med Wkly*. 2020 Apr 15;150:w20201.
- Berberat PO, Rotthoff T, Baerwald C, Ehrhardt M, Huenges B, Johannink J, Narciss E, Obertacke U, Peters H, Kadmon M. Entrustable Professional Activities in final year undergraduate medical training - advancement of the final year training logbook in Germany. *GMS J Med Educ*. 2019 Nov 15;36(6):Doc70.
- Holzhausen Y, Maaz A, Renz A, Bosch J, Peters H. Development of Entrustable Professional Activities for entry into residency at the Charité Berlin. *GMS J Med Educ*. 2019 Feb 15;36(1):Doc5
- Salzman DH, McGaghie WC, Caprio TW, Hufmeyer KK, Issa N, Cohen ER, Wayne DB. A Mastery Learning Capstone Course to Teach and Assess Components of Three Entrustable Professional Activities to Graduating Medical Students. *Teach Learn Med*. 2018 Dec 31:1-9. doi: 10.1080/10401334.2018.1526689. [Epub ahead of print] PubMed PMID: 30596271.
- Veale P, Busche K, Touchie C, Coderre S, McLaughlin K. Choosing Our Own Pathway to Competency-Based Undergraduate Medical Education. *Acad Med*. 2018 Aug 14. doi: 10.1097/ACM.0000000000002410. [Epub ahead of print]
- Hamui-Sutton A, Monterrosas-Rojas AM, Ortiz-Montalvo A, Flores-Morones F, Torruco-García U, Navarrete-Martínez A, Arriola-Guerrero A. Specific entrustable professional activities for undergraduate medical internships: a method compatible with the academic curriculum. *BMC Med Educ*. 2017 Aug 25;17(1):143
- Michaud PA, Jucker-Kupper P, The Profiles Working Group. The "Profiles" document: a modern revision of the objectives of undergraduate medical studies in Switzerland. *Swiss Med Wkly*. 2016 Feb 1;146:w14270
- Hauer KE, Boscardin C, Fulton TB, Lucey C, Oza S, Teherani A. Using a Curricular Vision to Define Entrustable Professional Activities for Medical Student Assessment. *J Gen Intern Med*. 2015 Sep;30(9):1344-8
- Kadmon M, Ganschow P, Gillen S, Hofmann HS, Braune N, Berberat PO.[Entrustable professional activities in the internship. Reply]. *Chirurg*. 2014Apr;85(4):345-6
- Chen HC, van den Broek WE, ten Cate O. The case for use of entrustable professional activities in undergraduate medical education. *Acad Med*. 2015Apr;90(4):431-6
- Chen HC, McNamara M, Teherani A, Cate OT, O'Sullivan P. Developing Entrustable Professional Activities for Entry Into Clerkship. *Acad Med*. 2016Feb;91(2):247-55

Assessment, entrustment decision-making, and feedback

- Cline KM, Chen AMH, Trujillo JM. A Crisis of Clarity: When Everyone Is Ordering From a Different Menu. *Am J Pharm Educ*. 2026 Jul;90(7):101992. doi: 10.1016/j.ajpe.2026.101992. Epub 2026 May 4. PMID: 42092622.

- Gan CY, Chan M, Sharma N, Wang S, Flynn L, Melcer E, Liebert C, Lin DT, Parker A, Pratt M. Comparative Evaluation of Large Language Models for Surgical Case Creation. *J Surg Educ*. 2026 Jun 27;83(9):104034. doi: 10.1016/j.jsurg.2026.104034. Epub ahead of print. PMID: 42364537.
- Dimassi Z, Abuzitoun M, Wijeweera A, Wijeweera C, Ahmad M, Murray D, Guraya SY. Tracking the evolution of medical students' clinical documentation skills: a pilot study leveraging a simulated electronic record and a longitudinal panel data analysis. *Front Med (Lausanne)*. 2026 May 29;13:1829687. doi: 10.3389/fmed.2026.1829687. PMID: 42292271; PMCID: PMC13259797.
- Sinclair G. Navigating Quality in Lean Times: Sustaining Laboratory Standards Amidst Budget Constraints. *Int J Lab Hematol*. 2026 Apr 21. doi: 10.1111/ijlh.70117. Epub ahead of print. PMID: 42012446.
- Jaramillo-Rincón S, Beltran-Perez A, Nieto MA, Peña-Silva RA, Galán-Giraldo J. The Role of Standardized Learners in the Acquisition of Teaching Skills Among Residents. *Simul Healthc*. 2026 Apr 1;21(2):83-90. doi: 10.1097/SIH.0000000000000872. Epub 2025 Jul 21. PMID: 40689887.
- Hempel A, Boyle J, de Bruin A, Ginsburg S. 'Just a checkbox': Growth mindset and feedback in resident experiences with EPA assessments. *Med Educ*. 2026 Apr 30. doi: 10.1111/medu.70234. Epub ahead of print. PMID: 42059672.
- Gortney JS, Meny LM, Dunn BL. A Critical Eye on OSCE Use: A Framework for Evaluating Impact, Efficiency, and Sustainability. *Am J Pharm Educ*. 2026 Mar;90(3):101938. doi: 10.1016/j.ajpe.2026.101938. Epub 2026 Jan 29. PMID: 41619909.
- Lee R, Dhami N, Gibson W, Hamza DM, Oswald AE, Moffat M. Assessing the Quality of Narrative Feedback in Entrustable Professional Activities Using the EFeCT Feedback Scoring Tool. *Clin Teach*. 2026 Feb;23(1):e70295. doi: 10.1111/tct.70295. PMID: 41360728; PMCID: PMC12685790.
- Jerjes W. Entrusting Attention: An Additional lens on Entrustable Professional Activity Assessment. *Clin Teach*. 2026;23(4):e70471. doi: 10.1111/tct.70471. PMID: 42363435.
- Patel HH, Lin E. Leaning into Necessary Discomforts: Striving for Clinical Excellence While Maintaining Wellness. *ATS Sch*. 2025 Dec;6(4):420-431. doi: 10.34197/ats-scholar.2025-0033PS. PMID: 41467686; PMCID: PMC12712816.
- Furey MJ, Jordan RM, Falvo A, Lopez RA, Bannon JP, Burger ML. Novel Use of the ACGME Milestones and Resident Morbidity and Mortality Conference Presentation Feedback. *J Surg Educ*. 2025 Dec;82(12):103751. doi: 10.1016/j.jsurg.2025.103751. Epub 2025 Nov 8. PMID: 41206271.
- Adam H, Eady K, Moreau KA. Perspectives on Involving Patients in the Teaching and Assessment of Entrustable Professional Activities in Competence by Design. *Clin Teach*. 2025 Aug;22(4):e70129. doi: 10.1111/tct.70129. PMID: 40524497; PMCID: PMC12171676.
- Curtis R, Moon CC, Hanmore T, Hopman W, Baxter S. Prompting better feedback: investigating the effect of targeted form design on quality of narrative feedback in ophthalmology CBME assessments. *Can J Ophthalmol*. 2025 Jun;60(3):150-155. doi: 10.1016/j.jcjo.2024.10.014. Epub 2024 Nov 9. PMID: 39528224.
- Violato C, Englander R, Dale E, Gauer JL. Implementing Core Entrustable Professional Activities in Undergraduate Medical Education: A Psychometric Study. *Acad Med*. 2025 May 1;100(5):585-591. doi: 10.1097/ACM.0000000000005907. Epub 2024 Oct 31. PMID: 39485120.
- Goldman MP, Slade MD, Gielissen K, Hirsch AW, Prabhu EA, Dunne DW, Auerbach MA. Procedural Entrustment Alignment Between Pediatric Residents and Their Preceptors in the Pediatric Emergency Department. *Pediatr Emerg Care*. 2025 May 1;41(5):348-353. doi: 10.1097/PEC.0000000000003330. Epub 2025 Apr 30. PMID: 39841101.
- Croft H, Maundu J, Galbraith K, Nair BR, Wilkinson G, Clark B, Spencer K, Abeyaratne C. Improving the Effectiveness of Workplace-based Assessment for Pharmacy Interns, An Evaluation Study. *Am J Pharm Educ*. 2025 May;89(5):101390. doi: 10.1016/j.ajpe.2025.101390. Epub 2025 Mar 18. PMID: 40112926.

- Schumacher DJ, Martini A, Michelson C, Turner DA, Winn AS, Kinnear B. A realist evaluation of prospective entrustment decisions in paediatric residency clinical competency committees. *Med Educ*. 2025 Mar;59(3):292-301. doi: 10.1111/medu.15530. Epub 2024 Sep 5. PMID: 39237478.
- McDonald J, Tobin S, Parsons C, Joyce C. Entrustable professional activities and feedback for learning: Insights from a mixed methods study. *Clin Teach*. 2025 Feb;22(1):e13837. doi: 10.1111/tct.13837. Epub 2024 Nov 6. PMID: 39505496.
- Wong LY, Lam N, Son YA, Eddington H, Arnow KD, Tsai J, Anand A, Peralta FC, Shields S, Melcer EF, Lin DT, Liebert CA. Correlation of Performance on the ENTRUST Assessment Platform With Other Variables in Competency-Based Surgical Education. *J Surg Educ*. 2025 Jan;82(1):103293. doi: 10.1016/j.jsurg.2024.09.012. Epub 2024 Nov 11. PMID: 39532037.
- Poeppelman RS, Moore-Clingenpeel M, Siems A, Mitchell DL, Jani P, Stewart C. Faculty Decision Making in Ad Hoc Entrustment of Pediatric Critical Care Fellows: A National Case-Based Survey. *Teach Learn Med*. 2025 Jan-Mar;37(1):56-63. doi: 10.1080/10401334.2023.2269402. Epub 2023 Nov 7. PMID:37933862.
- Fernandes RD, de Vries I, McEwen L, Mann S, Phillips T, Zevin B. Evaluating the Quality of Narrative Feedback for Entrustable Professional Activities in a Surgery Residency Program. *Ann Surg*. 2024 Dec 1;280(6):916-924. doi: 10.1097/SLA.0000000000006308. Epub 2024 Apr 25. PMID: 38660808.
- Ginsburg S, Stroud L, Brydges R, Melvin L, Hatala R. Dual purposes by design: exploring alignment between residents' and academic advisors' documents in a longitudinal program. *Adv Health Sci Educ Theory Pract*. 2024 Nov;29(5):1631-1647. doi: 10.1007/s10459-024-10318-2. Epub 2024 Mar 5. PMID: 38438699.
- Fuller K, Pinelli NR, Persky AM. Redesigned Entrustable Professional Activity (EPA) Assessments Reduce Grade Inflation in the Experiential Setting. *Am J Pharm Educ*. 2024 Nov;88(11):101297. doi: 10.1016/j.ajpe.2024.101297. Epub 2024 Sep 26. PMID: 39341345.
- Jones MD Jr, Guiton G, Yost CC, Torr CB, Gong J, Parker TA. Structured Debriefing to Assess Performance of Entrustable Professional Activities. *J Grad Med Educ*. 2024 Oct;16(5):607-610. doi: 10.4300/JGME-D-24-00247.1. Epub 2024 Oct 15. PMID: 39416407; PMCID: PMC11475426.
- Andreou V, Peters S, Eggermont J, Schoenmakers B. Evaluating Feedback Comments in Entrustable Professional Activities: A Cross-Sectional Study. *J Med Educ Curric Dev*. 2024 Sep 24;11:23821205241275810. doi: 10.1177/23821205241275810. PMID: 39346122; PMCID: PMC11437546.
- Nguyen-Tri I, Tremblay-Laroche D, Lavigne F, Tremblay ML, Lafleur A. Feedback in an Entrustment-Based Objective Structured Clinical Examination: Analysis of Content and Scoring Methods. *J Grad Med Educ*. 2024 Jun;16(3):286-295. doi: 10.4300/JGME-D-23-00569.1. Epub 2024 Jun 13. PMID: 38882423; PMCID: PMC11173042.
- Vallevand A, Manthey DE, Askew K, Hartman ND, Burns C, Strowd LC, Violato C. Assessing clinical competence: a multitrait-multimethod matrix construct validity study. *Adv Health Sci Educ Theory Pract*. 2024 May;29(2):567-585. doi: 10.1007/s10459-023-10269-0. Epub 2023 Aug 2. PMID: 37530967.
- Clement EA, Oswald A, Ghosh S, Hamza DM. Exploring the Quality of Feedback in Entrustable Professional Activity Narratives Across 24 Residency Training Programs. *J Grad Med Educ*. 2024 Feb;16(1):23-29. doi: 10.4300/JGME-D-23-00210.1. Epub 2024 Feb 17. PMID: 38304587; PMCID: PMC10829927.
- ten Cate O, Jonker G, Park YS, Holmboe ES, Burch VC. Workplace-based assessment to support entrustment decision-making: four sources of information. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 197–211.

- Colbert-Getz JM, Lappe K, Gerstenberger J, Milne CK, Raaum S. Capturing growth curves of medical students' clinical skills performance. *Clin Teach*. 2023 Dec;20(6):e13623. doi: 10.1111/tct.13623. Epub 2023 Aug 22. PMID: 37605795.
- Verstegen PMB, Kole JJJ, Groenewoud AS, van den Hoogen FJA. Virtues in Competency-Based Assessment Frameworks: A Text Analysis. *Perspect Med Educ*. 2023 Oct 19;12(1):418-426. doi: 10.5334/pme.996.
- Sheikh N, Mehta J, Shah R, Brydges R. Feedback that Lands: Exploring How Residents Receive and Judge Feedback During Entrustable Professional Activities. *Perspect Med Educ*. 2023 Oct 20;12(1):427-437. doi: 10.5334/pme.1020.
- Harvey A, Paget M, McLaughlin K, Busche K, Touchie C, Naugler C, Desy J. How much is enough? Proposing achievement thresholds for core EPAs of graduating medical students in Canada. *Med Teach*. 2023 Sep;45(9):1054-1060
- Berger S, Stalmeijer RE, Marty AP, Berendonk C. Exploring the Impact of Entrustable Professional Activities on Feedback Culture: A Qualitative Study of Anesthesiology Residents and Attendings. *Acad Med*. 2023 Jul 1;98(7):836-843. doi: 10.1097/ACM.0000000000005188. Epub 2023 Jun 23
- Bresler T, Stilles E, Schaezel S, Reeman C, Chia B, Kumar A. Oral examination of fourth-year medical students on surgery rotations allows faculty to assess Core Entrustable Professional Activities for entering Residency (CEPAR): Proof-of-concept and analysis of student submissions. *Am J Surg*. 2023 May;225(5):841-846.
- Lin DT, Melcer EF, Keehl O, Eddington H, Trickey AW, Tsai J, Camacho F, Merrell SB, Korndorffer J Jr, Liebert CA. ENTRUST: A Serious Game-Based Virtual Patient Platform to Assess Entrustable Professional Activities in Graduate Medical Education. *J Grad Med Educ*. 2023 Apr;15(2):228-236.
- Suneja M, Thoma KD, Franklin E, Rowat J. Pivoting during a Pandemic: Reimagining Intern Orientation EPA-Based OSCE. *South Med J*. 2023 Mar;116(3):312-316.
- Madrazo L, DCruz J, Correa N, Puka K, Kane SL. Evaluating the Quality of Written Feedback Within Entrustable Professional Activities in an Internal Medicine Cohort. *J Grad Med Educ*. 2023 Feb;15(1):74-80.
- Nelson K, McQuillan S, Gingerich A, Regehr G. Residents as supervisors: How senior residents make ad hoc entrustment decisions. *Med Educ*. 2023 Jan 6.
- Israel HP, Slade M, Gielissen K, Liu RB, Pisani MA, Chichra A. A Tool to Assess Competence in Critical Care Ultrasound Based on Entrustable Professional Activities. *ATS Sch*. 2023 Jan 24;4(1):61-75.
- Branfield Day L, Rassos J, Billick M, Ginsburg S. 'Next steps are...': An exploration of coaching and feedback language in EPA assessment comments. *Med Teach*. 2022 Dec;44(12):1368-1375.
- Aubé-Peterkin M, Ehlebracht A, Petrella F. Feedback and formative assessment in Competency by Design: The experience of residents and supervisors within a urology training program. *Can Urol Assoc J*. 2022 Dec 6. doi: 10.5489/cuaj.8103. Epub ahead of print.
- Luu K, Sidhu R, Chadha NK, Eva KW. An exploration of "real time" assessments as a means to better understand preceptors' judgments of student performance. *Adv Health Sci Educ Theory Pract*. 2022 Nov 28.
- Liebert CA, Melcer EF, Keehl O, Eddington H, Trickey AW, Lee M, Tsai J, Camacho F, Merrell SB, Korndorffer JR Jr, Lin DT. Validity Evidence for ENTRUST as an Assessment of Surgical Decision-Making for the Inguinal Hernia Entrustable Professional Activity (EPA). *J Surg Educ*. 2022 Nov-Dec;79(6):e202-e212.
- Imm MR, Agarwal G, Zhang C, Deshpande AR, Issenberg B, Chandran L. EPMO: A novel medical student assessment tool that integrates entrustable professional activities, prime, and the modified Ottawa coactivity scale. *Med Teach*. 2022 Oct 26:1-7. doi: 10.1080/0142159X.2022.2137012. Epub ahead of print.
- Brown DR, Moeller JJ, Grbic D, Andriole DA, Cutrer WB, Obeso VT, Hormann MD, Amiel JM; Core Entrustable Professional Activities for Entering Residency Pilot. Comparing Entrustment Decision-

Making Outcomes of the Core Entrustable Professional Activities Pilot, 2019-2020. *JAMA Netw Open*. 2022 Sep 1;5(9):e2233342.

- Parsons AS, Mark K, Martindale JR, Bray MJ, Smith RP, Bradley E, Gusic M. Concordance of Narrative Comments with Supervision Ratings Provided During Entrustable Professional Activity Assessments. *J Gen Intern Med*. 2022 Jul;37(9):2200-2207.
- Jeyalingam T, Walsh CM, Tavares W, Mylopoulos M, Hodwitz K, Liu LWC, Heitman SJ, Brydges R. Variable or Fixed? Exploring Entrustment Decision Making in Workplace- and Simulation-Based Assessments. *Acad Med*. 2022 Jul 1;97(7):1057-1064.
- Kelleher M, Kinnear B, Sall DR, Weber DE, DeCoursey B, Nelson J, Klein M, Warm EJ, Schumacher DJ. Warnings in early narrative assessment that might predict performance in residency: signal from an internal medicine residency program. *Perspect Med Educ*. 2021 Dec;10(6):334-340. doi: 10.1007/s40037-021-00681-w. Epub 2021 Sep 2. PMID: 34476730; PMCID: PMC8633188.
- Sibbald M, Mansoor M, Tsang M, Blissett S, Norman G. The critical role of direct observation in entrustment decisions. *Can Med Educ J*. 2021 Nov 1;12(5):18-23. doi: 10.36834/cmej.72040. PMID: 34804284; PMCID: PMC8603883.
- Brown DR, Moeller JJ, Grbic D, Andriole DA, Cutrer WB, Obeso VT, Hormann MD, Amiel JM. The First 2 Years of Entrustment Decisions in the Core Entrustable Professional Activities (Core EPAs) Pilot. *Acad Med*. 2021 Nov 1;96(11S):S201-S202. doi: 10.1097/ACM.0000000000004275. PMID: 34705702.
- Read EK, Brown A, Maxey C, Hecker KG. Comparing Entrustment and Competence: An Exploratory Look at Performance-Relevant Information in the Final Year of a Veterinary Program. *J Vet Med Educ*. 2021 Oct;48(5):562-572. doi: 10.3138/jvme-2019-0128. Epub 2021 Mar 4. PMID: 33661087.
- Robinson TJG, Wagner N, Szulewski A, Dudek N, Cheung WJ, Hall AK. Exploring the use of rating scales with entrustment anchors in workplace-based assessment. *Med Educ*. 2021 Sep;55(9):1047-1055. doi: 10.1111/medu.14573. Epub 2021 Jun 23. PMID: 34060651.
- Dunne D, Gielissen K, Slade M, Park YS, Green M. WBAs in UME-How Many Are Needed? A Reliability Analysis of 5 AAMC Core EPAs Implemented in the Internal Medicine Clerkship. *J Gen Intern Med*. 2021 Sep 24. doi: 10.1007/s11606-021-07151-3. Epub ahead of print. PMID: 34561828.
- Chen XP, Cochran A, Harzman AE, Ellison EC. Predicting prospective resident entrustment: From evaluation to action. *Am J Surg*. 2021 Sep;222(3):536-540. doi: 10.1016/j.amjsurg.2021.01.020. Epub 2021 Jan 19. PMID: 33485620.
- Sample S, Al Rimawi H, Bérczi B, Chorley A, Pardhan A, Chan TM. Seeing potential opportunities for teaching (SPOT): Evaluating a bundle of interventions to augment entrustable professional activity acquisition. *AEM EducTrain*. 2021 Aug 1;5(4):e10631. doi: 10.1002/aet2.10631. PMID: 34471797; PMCID: PMC8381386.
- Cheung K, Rogoza C, Chung AD, Kwan BYM. Analyzing the Administrative Burden of Competency Based Medical Education. *Can Assoc Radiol J*. 2021 Aug 27;8465371211038963. doi: 10.1177/08465371211038963. Epub ahead of print. PMID: 34449283.
- Zadeh M, Braund H, Chaplin T. The Assessment Rationale of Postgraduate Medical Trainees With Incongruent Self and Faculty Assigned Entrustment Scores. *Cureus*. 2021 Jul 27;13(7):e16666. doi: 10.7759/cureus.16666. PMID: 34458051; PMCID: PMC8384402.
- Touchie C, Kinnear B, Schumacher D, Caretta-Weyer H, Hamstra SJ, Hart D, Gruppen L, Ross S, Warm E, Ten Cate O; ICBME Collaborators. On the validity of summative entrustment decisions. *Med Teach*. 2021 Jul;43(7):780-787. doi: 10.1080/0142159X.2021.1925642. Epub 2021 May 21. PMID: 34020576.

- Kinnear B, Kelleher M, May B, Sall D, Schauer DP, Schumacher DJ, Warm EJ. Constructing a Validity Map for a Workplace-Based Assessment System: Cross- Walking Messick and Kane. *Acad Med*. 2021 Jul 1;96(7S):S64-S69. doi: 10.1097/ACM.0000000000004112. PMID: 34183604.
- Holmstrom AL, Chia MC, O'Brien CL, Odell DD, Burke J, Halverson AL. Entrustable Professional Activity-Based Summative Performance Assessment in the Surgery Clerkship. *J Surg Educ*. 2021 Jul-Aug;78(4):1144-1150. doi: 10.1016/j.jsurg.2020.12.001. Epub 2020 Dec 29. PMID: 33384267
- Hobday PM, Borman-Shoap E, Cullen MJ, Englander R, Murray KE. The Minnesota Method: A Learner-Driven, Entrustable Professional Activity-Based Comprehensive Program of Assessment for Medical Students. *Acad Med*. 2021 Jul 1;96(7S):S50-S55. doi: 10.1097/ACM.0000000000004101. PMID: 34183602.
- Ginsburg S, Watling CJ, Schumacher DJ, Gingerich A, Hatala R. Numbers Encapsulate, Words Elaborate: Toward the Best Use of Comments for Assessment and Feedback on Entrustment Ratings. *Acad Med*. 2021 Jul 1;96(7S):S81-S86. doi: 10.1097/ACM.0000000000004089. PMID: 34183607.
- Butani L, Plant J, Barone MA, Dallaghan GLB. Entrustable Professional Activity-Based Assessments in Undergraduate Medical Education: A Survey of Pediatric Educators. *Acad Pediatr*. 2021 Jul;21(5):907-911.
- Lee CW, Chen GL, Yu MJ, Cheng PL, Lee YK. A Study to Analyze Narrative Feedback Record of an Emergency Department. *J Acute Med*. 2021 Jun 1;11(2):39-48. doi: 10.6705/j.jacme.202106_11(2).0001. PMID: 34295634; PMCID: PMC8238687.
- Gilchrist T, Hatala R, Gingerich A. A collective case study of supervision and competence judgments on the inpatient internal medicine ward. *Perspect Med Educ*. 2021 Jun;10(3):155-162. doi: 10.1007/s40037-021-00652-1. Epub 2021 Jan 25. PMID: 33492658; PMCID: PMC8187503.
- Schumacher DJ, Martini A, Kinnear B, Kelleher M, Balmer DF, Wurster-Ovalle V, Carraccio C. Facilitators and Inhibitors to Assessing Entrustable Professional Activities in Pediatric Residency. *Acad Pediatr*. 2021 May- Jun;21(4):735-741. doi: 10.1016/j.acap.2020.11.013. Epub 2020 Nov 20. PMID: 33221495.
- Langton SD, Blevins MB. An Entrustable Professional Activities Model for Assessment of Undergraduate Competence in Anesthesia and Surgery: Performance of the Assessment Scheme and the Impact of Assessment Timing and Variation in Structure of Teaching Activities on Student Outcomes. *J Vet Med Educ*. 2021 May 4:e20200109. doi: 10.3138/jvme-2020-0109. Epub ahead of print. PMID: 33950780.
- Chen XP, Cochran A, Harzman AE, Eskander MF, Ellison EC. Efficiency of Increasing Prospective Resident Entrustment in the Operating Room. *J Surg Res*. 2021 May;261:236-241.
- Zackoff MW, Young D, Sahay RD, Fei L, Real FJ, Guiot A, Lehmann C, Klein M. Establishing Objective Measures of Clinical Competence in Undergraduate Medical Education Through Immersive Virtual Reality. *Acad Pediatr*. 2021 Apr;21(3):575-579. doi: 10.1016/j.acap.2020.10.010. Epub 2020 Oct 20. PMID:33091608; PMCID: PMC7572369.
- Pinilla S, Kyrou A, Klöppel S, Strik W, Nissen C, Huwendiek S. Workplace-based assessments of entrustable professional activities in a psychiatry core clerkship: an observational study. *BMC Med Educ*. 2021 Apr 21;21(1):223. doi: 10.1186/s12909-021-02637-4. PMID: 33882926; PMCID: PMC8059233.
- Landreville JM, Frank JR, Cheung WJ. Does direct observation happen early in a new competency-based residency program? *AEM Educ Train*. 2021 Apr 1;5(2):e10591. doi: 10.1002/aet2.10591. PMID: 33842816; PMCID: PMC8019151.
- Ryan MS, Richards A, Perera R, Park YS, Stringer JK, Waterhouse E, Dubinsky B, Khamishon R, Santen S. Generalizability of the Ottawa Surgical Competency Operating Room Evaluation (O-SCORE) Scale to Assess Medical Student Performance on Core EPAs in the Workplace: Findings From One Institution. *Acad Med*. 2021 Jan 12. doi: 10.1097/ACM.0000000000003921. Epub ahead of print.

- Pitts S, Schwartz A, Carraccio CL, et al. Fellow Entrustment for the Common Pediatric Subspecialty Entrustable Professional Activities Across Subspecialties. *Acad Pediatr*. 2021. doi:10.1016/j.acap.2021.12.019
- Penner JC, Hauer KE, Julian KA, Sheu L. How preceptors develop trust in continuity clinic residents and how trust influences supervision : A qualitative study. *Perspect Med Educ*. 2021;(EarlyOnline).
- Jeyalingam T, Brydges R, Ginsburg S, McCreath GA, Walsh CM. How Clinical Supervisors Conceptualize Procedural Entrustment. *Acad Med*. 2021;Publish Ahead of Print. doi:10.1097/acm.0000000000004566
- Ten Cate O, Chen HC. The ingredients of a rich entrustment decision. *Med Teach*. 2020 Dec;42(12):1413-1420. doi: 10.1080/0142159X.2020.1817348. Epub 2020 Oct 5. PMID: 33016803.
- Carey R, Wilson G, Bandi V, Mondal D, Martin LJ, Woods R, Chan T, Thoma B. Developing a dashboard to meet the needs of residents in a competency-based training program: A design-based research project. *Can Med Educ J*. 2020 Dec 7;11(6):e31-e45.
- Ten Cate O, Schwartz A, Chen HC. Assessing Trainees and Making Entrustment Decisions: On the Nature and Use of Entrustment-Supervision Scales. *Acad Med*. 2020 Nov;95(11):1662-1669. doi: 10.1097/ACM.0000000000003427. PMID: 32324633.
- Fincke F, Prediger S, Schick K, Fürstenberg S, Spychala N, Berberat PO, Harendza S, Kadmon M. Entrustable professional activities and facets of competence in a simulated workplace-based assessment for advanced medical students. *Med Teach*. 2020 Sep;42(9):1019-1026.
- Yoon MH, Kurzweil DM, Durning SJ, Schreiber-Gregory DN, Hemmer PA, Gilliland WR, Dong T. It's a matter of trust: exploring the basis of program directors' decisions about whether to trust a resident to care for a loved one. *Adv Health Sci Educ Theory Pract*. 2020 Aug;25(3):691-709.
- Gielissen KA, Ahle SL, Wijesekera TP, Windish DM, Keene DE. Making Sense of Trainee Performance: Entrustment Decision-Making in Internal Medicine Program Directors. *Yale J Biol Med*. 2020 Aug 31;93(3):403-410.
- Johnson NR, Pelletier A, Berkowitz LR. Mini-Clinical Evaluation Exercise in the Era of Milestones and Entrustable Professional Activities in Obstetrics and Gynaecology: Resume or Reform? *J Obstet Gynaecol Can*. 2020 Jun;42(6):718-725.
- Andler C, Daya S, Kowalek K, Boscardin C, van Schaik SM. E-ASSESS: Creating an EPA Assessment Tool for Structured Simulated Emergency Scenarios. *J Grad Med Educ*. 2020 Apr;12(2):153-158.
- Tomiak A, Braund H, Egan R, Dalgarno N, Emack J, Reid MA, Hammad N. Exploring How the New Entrustable Professional Activity Assessment Tools Affect the Quality of Feedback Given to Medical Oncology Residents. *J Cancer Educ*. 2020 Feb;35(1):165-177.
- Schick K, Eissner A, Wijnen-Meijer M, Johannink J, Huenges B, Ehrhardt M, Kadmon M, Berberat PO, Rothhoff T. Implementing a logbook on entrustable professional activities in the final year of undergraduate medical education in Germany - a multicentric pilot study. *GMS J Med Educ*. 2019 Nov 15;36(6):Doc69.
- Cutrer WB, Russell RG, Davidson M, Lomis KD. Assessing medical student performance of Entrustable Professional Activities: A mixed methods comparison of Co-Activity and Supervisory Scales. *Med Teach*. 2019 Nov 12:1-8. doi: 10.1080/0142159X.2019.1686135. [Epub ahead of print]
- Melvin L(1), Rassos J, Stroud L, Ginsburg S. Tensions in Assessment: The Realities of Entrustment in Internal Medicine. *Acad Med*. 2019 Sep 17. doi: 10.1097/ACM.0000000000002991. [Epub ahead of print]
- Holzhausen Y(1), Maaz A(1), März M(2), Sehy V(2), Peters H(3). Exploring the introduction of entrustment rating scales in an existing objective structured clinical examination. *BMC Med Educ*. 2019 Aug 22;19(1):319.

- Peters H, Holzhausen Y, Maaz A, Driessen E, Czeskleba A. Introducing an assessment tool based on a full set of end-of-training EPAs to capture the workplace performance of final-year medical students. *BMC Med Educ*. 2019 Jun 13;19(1):207.
- Valentine N, Wignes J, Benson J, Clota S, Schuwirth LW. Entrustable professional activities for workplace assessment of general practice trainees. *Med J Aust*. 2019 May;210(8):354-359
- Hatala R, Ginsburg S, Hauer KE, Gingerich A. Entrustment Ratings in Internal Medicine Training: Capturing Meaningful Supervision Decisions or Just Another Rating? *J Gen Intern Med*. 2019 May;34(5):740-743.
- CarlLee S, Rowat J, Suneja M. Assessing Entrustable Professional Activities Using an Orientation OSCE: Identifying the Gaps. *J Grad Med Educ*. 2019 Apr;11(2):214-220.
- Duijn CCMA, Dijk EJV, Mandoki M, Bok HGJ, ten Cate OTJ. Assessment Tools for Feedback and Entrustment Decisions in the Clinical Workplace: A Systematic Review. *J Vet Med Educ*. 2019 Fall;46(3):340-352.
- Curran VR, Deacon D, Schulz H, Stringer K, Stone CN, Duggan N, Coombs-Thorne H. Evaluation of the Characteristics of a Workplace Assessment Form to Assess Entrustable Professional Activities (EPAs) in an Undergraduate Surgery Core Clerkship. *J Surg Educ*. 2018 Sep - Oct;75(5):1211-1222.
- Meyer EG, Kelly WF, Hemmer PA, Pangaro LN. The RIME Model Provides a Context for Entrustable Professional Activities Across Undergraduate Medical Education. *Acad Med*. 2018 Jun;93(6):954.
- Duijn CCMA, Welink LS, Bok HGJ, Ten Cate OTJ. When to trust our learners? Clinical teachers' perceptions of decision variables in the entrustment process. *Perspect Med Educ*. 2018 Jun;7(3):192-199.
- Linsenmeyer M, Wimsatt L, Speicher M, Powers J, Miller S, Katsaros E. Assessment Considerations for Core Entrustable Professional Activities for Entering Residency. *J Am Osteopath Assoc*. 2018 Apr 1;118(4):243-251.
- Lomis KD, Obeso VT, Whelan AJ. Building Trust in Entrustment: Pursuing Evidence-Based Progress in the Core Entrustable Professional Activities for Entering Residency. *Acad Med*. 2018 Mar;93(3):341-342.
- Schwartz A. What should we mean by "allowed to supervise others" in entrustment scales? *Med Teach*. 2018. Early Online
- Chen HC, ten Cate O. Chapter 20, Assessment Through Entrustable Professional Activities. In: Delany C, Molloy E (Eds) *Learning & Teaching in Clinical Contexts: A practical guide*. Chatswood: Elsevier Australia, 2018
- Pereira AG, Woods M, Olson APJ, van den Hoogenhof S, Duffy BL, Englander R. Criterion-Based Assessment in a Norm-Based World: How Can We Move Past Grades? *Acad Med*. 2017 Oct 3
- Peters H, Holzhausen Y, Boscardin C, Ten Cate O, Chen HC. Twelve tips for the implementation of EPAs for assessment and entrustment decisions. *Med Teach*. 2017 Aug;39(8):802-807.
- Kalet A, Zabar S, Szyld D, Yavner SD, Song H, Nick MW, Ng G, Pusic MV, Denicola C, Blum C, Elias KL, Nicholson J, Riles TS. A simulated "Night-onCall" to assess and address the readiness-for-internship of transitioning medical students. *Adv Simul (Lond)*. 2017 Aug 14;2:13.
- Ten Cate O. Entrustment Decisions: Bringing the Patient Into the Assessment Equation. *Acad Med*. 2017 Jun;92(6):736-738
- Brown DR, Warren JB, Hyderi A, Drusin RE, Moeller J, Rosenfeld M, Orlander PR, Yingling S, Call S, Terhune K, Bull J, Englander R, Wagner DP; AAMC Core Entrustable Professional Activities for Entering Residency Entrustment Concept Group. Finding a Path to Entrustment in Undergraduate Medical Education: A Progress Report From the AAMC Core Entrustable Professional Activities for Entering Residency Entrustment Concept Group. *Acad Med*. 2017 Jun;92(6):774-779
- Weller JM, Castanelli DJ, Chen Y, Jolly B. Making robust assessments of specialist trainees' workplace performance. *Br J Anaesth*. 2017;118(2):207-214

- Ten Cate O. Managing risks and benefits: key issues in entrustment decisions. *Medical Education* 2017;51(9):879–881
- Ten Cate O, Hoff R. From Case-Based to Entrustment-Based Discussions. *The Clinical Teacher* 2017;14(6):385-389
- van Loon KA, Teunissen PW, Driessen EW, Scheele F. The Role of Generic Competencies in the Entrustment of Professional Activities: A Nationwide Competency-Based Curriculum Assessed. *J Grad Med Educ*. 2016 Oct;8(4):546-552
- Ten Cate O, Hart D, Ankel F, Busari J, Englander R, Glasgow N, Holmboe E, Iobst W, Lovell E, Snell LS, Touchie C, Van Melle E, Wycliffe-Jones K; International Competency-Based Medical Education Collaborators. Entrustment Decision Making in Clinical Training. *Acad Med*. 2016 Feb;91(2):191-8
- Calaman S, Hepps JH, Bismilla Z, Carraccio C, Englander R, Feraco A, Landrigan CP, Lopreiato JO, Sectish TC, Starmer AJ, Yu CE, Spector ND, West DC; I-PASS Study Education Executive Committee. The Creation of Standard-Setting Videos to Support Faculty Observations of Learner Performance and Entrustment Decisions. *Acad Med*. 2016 Feb;91(2):204-9
- Ten Cate O. Entrustment Decision-Making in Competency-Based Teaching and Assessment in Health Professions Education. *Medical Science Educator* 2016; 26 (Suppl 1):S5–S7
- Ten Cate O. Entrustment as assessment: recognizing the ability, right and duty to act. *J Graduate Med Educ* 2016;8(2):261-262
- Cooney C, Cooney D, Bello R, Bojovic B, Redett R, Lifchez S. Comprehensive Observations of Resident Evolution: A Novel Method for Assessing Procedure-Based Residency Training. *Plast Reconstr Surg*. 2016;137(2):673–8.
- Bello RJ, Major MR, Cooney DS, Rosson GD, Lifchez SD, Cooney CM. Empirical validation of the Operative Entrustability Assessment using resident performance in autologous breast reconstruction and hand surgery. *Am J Surg*. 2016;213(2):227–32.
- McEwen LA, Griffiths J, Schultz K. Developing and successfully implementing a competency-based portfolio assessment system in a postgraduate family medicine residency program. *Acad Med*. 2015 Nov;90(11):1515-26
- Carraccio C, Englander R, Holmboe ES, Kogan JR. Driving Care Quality: Aligning Trainee Assessment and Supervision Through Practical Application of Entrustable Professional Activities, Competencies, and Milestones. *Acad Med*. 2016 Feb;91(2):199-203
- Bresler T, Stiles E, Schaeztl S, Freeman C, Chia B, Kumar A. Oral examination of fourth-year medical students on surgery rotations allows faculty to assess Core Entrustable Professional Activities for entering Residency

Entrustment-supervision scales and their validity

- Hesseldal KB, Møller JE, Paltved C, Madsen AH, Jensen RD. The ARTS of being a surgeon: a qualitative study exploring supervisors' trust decisions when granting autonomy to trainees. *BMC Med Educ*. 2025 Jun 2;25(1):823. doi: 10.1186/s12909-025-07326-0. PMID: 40457358; PMCID: PMC12131605.
- Mink RB, Schwartz A, Mahan JD, Fussell JJ, George R, Schumacher DJ, McFadden V, Turner DA, Atlas MP; APPD SPIN. Level of Supervision for the Entrustable Professional Activities Common to General Pediatrics and the Subspecialties Decreases from Residency to Fellowship. *Acad Pediatr*. 2024 Sep-Oct;24(7):1025-1030. doi: 10.1016/j.acap.2024.04.004. Epub 2024 Apr 15. PMID: 38631477.
- Ryan MS, Gielissen KA, Shin D, Perera RA, Gusic M, Ferencik G, Ownby A, Cutrer WB, Obeso V, Santen SA. How well do workplace-based assessments support summative entrustment decisions? A multi-institutional generalisability study. *Med Educ*. 2024 Jul;58(7):825-837. doi: 10.1111/medu.15291. Epub 2024 Jan 2. PMID: 38167833.

- Sathe TS, Shah M, Pokrzywa CJ, Crum RW, Krishnamoorthy S, McManus C. An Open Operative Readiness Standard for Surgical Trainees. *J Surg Res.* 2024 Jan;293:281-290. doi: 10.1016/j.jss.2023.09.017. Epub 2023 Oct 5. PMID: 37804798.
- Touchie C, ten Cate O, Park YS, Kinnear B, Taylor D. Validity theory applied to entrustment as an approach to assessment. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP. (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*, Ubiquity Press; 2024. p. 51-64.
- Burch VC, de Graaf J, Jarrett JB, Pinilla S, Schwartz A, ten Cate O. Scales, numbers, and words to support entrustment decisions about trainees. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 225–35.
- Jarrett JB, Elmes AT, Schwartz A. Which Entrustment-Supervision Scale is Right for Pharmacy Education? *Am J Pharm Educ.* 2023 May;87(5):100021.
- Pinilla S, Lerch S, Lüdi R, Neubauer F, Feller S, Stricker D, Berendonk C, Huwendiek S. Entrustment versus performance scale in high-stakes OSCEs: Rater insights and psychometric properties. *Med Teach.* 2023 Mar 15:1-8.
- Eltayar AN, Aref SR, Khalifa HM, Hammad AS. Do entrustment scales make a difference in the inter-rater reliability of the workplace-based assessment? *Med Educ Online.* 2022 Dec;27(1):2053401.
- Schauer DP, Kinnear B, Kelleher M, Sall D, Schumacher DJ, Warm EJ. Developing the Expected Entrustment Score: Accounting for Variation in Resident Assessment. *J Gen Intern Med.* 2022 Nov;37(14):3670-3675.
- Alibhai KM, Fowler A, Gawad N, Wood TJ, Raïche I. Assessment of laparoscopic skills: comparing the reliability of global rating and entrustability tools. *Can Med Educ J.* 2022 Nov 15;13(6):36-45.
- Read EK, Maxey C, Hecker KG. Longitudinal assessment of competency development at The Ohio State University using the competency-based veterinary education (CBVE) model. *Front Vet Sci.* 2022 Oct 24;9:1019305.
- Spencer M, Sherbino J, Hatala R. Examining the validity argument for the Ottawa Surgical Competency Operating Room Evaluation (OSCORE): a systematic review and narrative synthesis. *Adv Health Sci Educ Theory Pract.* 2022 Aug;27(3):659-689.
- Meyer EG, Harvey E, Durning SJ, Uijtdehaage S. Pre-clerkship EPA assessments: a thematic analysis of rater cognition. *BMC Med Educ.* 2022 May 6;22(1):347. doi: 10.1186/s12909-022-03402-x. PMID: 35524304; PMCID: PMC9077896.
- Soukoulis V, Martindale J, Bray MJ, Bradley E, Gusic ME. The use of EPA assessments in decision-making: Do supervision ratings correlate with other measures of clinical performance? *Med Teach.* 2021 Nov;43(11):1323-1329. doi: 10.1080/0142159X.2021.1947480. Epub 2021 Jul 9. PMID: 34242113.
- Imm M, Agarwal G, Zhang C, Deshpande A, Issenberg B, Chandran L. Applying Coactivity Scales to Entrustable Professional Activity Assessments of Clerkship Students. *Acad Med.* 2021 Nov 1;96(11S):S188-S189. doi: 10.1097/ACM.0000000000004311. PMID: 34705687.
- Forte M, Morson N, Mirchandani N, Grundland B, Fernando O, Rubenstein W. How Teachers Adapt Their Cognitive Strategies When Using Entrustment Scales. *Acad Med.* 2021 Nov 1;96(11S):S87-S92. doi: 10.1097/ACM.0000000000004287. PMID: 34348370.
- Violato C, Cullen MJ, Englander R, Murray KE, Hobday PM, Borman-Shoap E, Ersan O. Validity Evidence for Assessing Entrustable Professional Activities During Undergraduate Medical Education. *Acad Med.* 2021 Jul 1;96(7S):S70-S75. doi: 10.1097/ACM.0000000000004090. PMID: 34183605.
- Jarrett JB, Goliak KL, Haines S, Trolli E, Schwartz A, B. Development of an Entrustment-Supervision Assessment Tool for Pharmacy Experiential Education via Sequential Stakeholder

Focus Groups. *Am J Pharm Educ.* 2021 Jul 22;85:23. doi: 10.5688/ajpe8523. Epub ahead of print. PMID: 34301543.

- Ryan MS, Khan AR, Park YS, Chastain C, Phillipi C, Santen SA, Barron BA, Obeso V, Yingling SL; Association of American Medical College Core EPA pilot participants. Workplace-Based Entrustment Scales for the Core EPAs: A Multisite Comparison of Validity Evidence for Two Proposed Instruments Using Structured Vignettes and Trained Raters. *Acad Med.* 2021 Jun 29.
- Ryan MS, Khamishon R, Richards A, Perera R, Garber A, Santen S. A Question of Scale? Generalizability of the Ottawa and Chen Scales to Render Entrustment Decisions for the Core EPAs in the Workplace. *Acad Med.* 2021 Jun 1. doi: 10.1097/ACM.0000000000004189. Epub ahead of print.
- Dubois DG, Lingley AJ, Ghatalia J, McConnell MM. Validity of entrustment scales within anesthesiology residency training. *Can J Anaesth.* 2021 Jan;68(1):53-63. English. doi: 10.1007/s12630-020-01823-0. Epub 2020 Oct 20. PMID: 33083924.
- Mink RB, Schwartz A, Herman BE, Turner DA, Curran ML, Myers A, Hsu DC, Kesselheim JC, Carraccio CL; and the Steering Committee of the Subspecialty Pediatrics Investigator Network (SPIN). Validity of Level of Supervision Scales for Assessing Pediatric Fellows on the Common Pediatric Subspecialty Entrustable Professional Activities. *Acad Med.* 2018 Feb;93(2):283-291.
- Rekman J, Gofton W, Dudek N, Gofton T, Hamstra SJ. Entrustability Scales: Outlining Their Usefulness for Competency-Based Clinical Assessment. *Acad Med.* 2016 Feb;91(2):186-90

Clinical competency committees

- van Enk A, MacDonald G, Hatala R, Gingerich A, Tam J. Not in the file: How competency committees work with undocumented contributions. *Med Educ.* 2024 Nov;58(11):1333-1342. doi: 10.1111/medu.15457. Epub 2024 Jun 20. PMID: 38899368.
- Li M, Kurahashi AM, Kawaguchi S, Siemens I, Sirianni G, Myers J. When words are your scalpel, what and how information is exchanged may be differently salient to assessors. *Med Educ.* 2024 Nov;58(11):1324-1332. doi: 10.1111/medu.15458. Epub 2024 Jun 8. PMID: 38850193.
- Montgomery KB, Mellinger JD, McLeod MC, Jones A, Zmijewski P, Sarosi GA Jr, Brasel KJ, Klingensmith ME, Minter RM, Buyske J, Lindeman B. Decision-Making Confidence of Clinical Competency Committees for Entrustable Professional Activities. *JAMA Surg.* 2024 Jul 1;159(7):801-808. doi: 10.1001/jamasurg.2024.0809. PMID: 38717759; PMCID: PMC11079788.
- Englander R, de Graaf J, Hauer KE, Jonker G, Schumacher DJ. Clinical competency committees in an entrustable professional activity framework for curriculum and assessment. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP. (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. London: Ubiquity Press, 2024 p. 249-258
- Baragada S, Petree B, Tee M, Frankova D, Raman S, Franko J. Differences in Resident Self-Evaluation and Clinical Competency Committee Evaluation Using ACGME Milestone Versions 1.0 and 2.0. *J Surg Educ.* 2023 Oct;80(10):1378-1384. doi: 10.1016/j.jsurg.2023.07.005. Epub 2023
- Langan ML, Stafford DEJ, Myers AL, Herman BE, Curran ML, Czaja AS, Turner DA, Weiss P, Mink R. Clinical competency committee perceptions of entrustable professional activities and their value in assessing fellows: A qualitative study of pediatric subspecialty program directors. *Med Teach.* 2023 Jun;45(6):650-657.
- Landreville JM, Wood TJ, Frank JR, Cheung WJ. Does direct observation influence the quality of workplace-based assessment documentation? *AEM Educ Train.* 2022 Jul 22;6(4):e10781.
- Cheung WJ, Wagner N, Frank JR, Oswald A, Van Melle E, Skutovich A, Dalseg TR, Cooke LJ, Hall AK. Implementation of competence committees during the transition to CBME in Canada: A national fidelity-focused evaluation. *Med Teach.* 2022 Jul;44(7):781-789.

- Acai A, Cupido N, Weavers A, Saperson K, Ladhani M, Cameron S, Sonnadara RR. Competence committees: The steep climb from concept to implementation. *Med Educ*. 2021 Sep;55(9):1067-1077. doi: 10.1111/medu.14585. Epub 2021 Jul 6. PMID: 34152027.
- Schwartz A, Balmer DF, Borman-Shoap E, Chin A, Henry D, Herman BE, Hobday P, Lee JH, Multerer S, Myers RE, Ponitz K, Rosenberg A, Soep JB, West DC, Englander R. Shared Mental Models Among Clinical Competency Committees in the Context of Time-Variable, Competency-Based Advancement to Residency. *Acad Med*. 2020 Nov;95(11S)
- Mink R, Herman BE, Carraccio C, Aye T, Baffa JM, Chess PR, Fussell JJ, Sauer CG, Stafford DEJ, Weiss P, Curran ML, Dammann CEL, High PC, Hsu D, Kesselheim JC, Mahan JD, McGann KA, Myers AL, Pitts S, Turner DA, Schwartz A. Agreement of Program Directors With Clinical Competency Committees for Fellow Entrustment. *J Med Educ Curric Dev*. 2020 Aug 6;7:2382120520936613
- Smit MP, de Hoog M, Brackel HJL, Ten Cate O, Gemke RBB. A National Process to Enhance the Validity of Entrustment Decisions for Dutch Pediatric Residents. *J Grad Med Educ*. 2019 Aug;11(4 Suppl):158-164.
- Schumacher DJ, King B, Barnes MM, Elliott SP. Influence of Clinical Competency Committee Review Process on Summative Resident Assessment Decisions. *J Grad Med Educ*. 2018; 10, No. 4, pp. 429-437

EPAs versus competencies and milestones

- Warraich KF. Evaluating Medical Educators Practices: Core Competencies and Entrustable Professional Activities (EPAs) for Healthcare Professional Educators. *J Coll Physicians Surg Pak*. 2025 Aug;35(8):1062-1064. doi: 10.29271/jcpsp.2025.08.1062. PMID: 40843578.
- Stevens EL, Chiel LE, Collins MS, Rama JA, Esther CR Jr, Richard K, Nelson BA, Weiss P, Nuncio B, Turner DA, Boyer D. Mapping Pediatric Pulmonary Milestones 2.0 to Entrustable Professional Activities. *ATS Sch*. 2025 Mar;6(1):30-35. doi: 10.34197/ats-scholar.2024-0105BR. Epub 2025 Jan 15. PMID: 39904503; PMCID: PMC11984644.
- Woodworth GE, Goldstein ZT, Ambardekar AP, Arthur ME, Bailey CF, Booth GJ, Carney PA, Chen F, Duncan MJ, Fromer IR, Hallman MR, Hoang T, Isaak R, Klesius LL, Ladlie BL, Mitchell SA, Miller Juve AK, Mitchell JD, McGrath BJ, Shepler JA, Sims CR 3rd, Spofford CM, Tanaka PP, Maniker RB. Development and Pilot Testing of a Programmatic System for Competency Assessment in US Anesthesiology Residency Training. *Anesth Analg*. 2024 May 1;138(5):1081-1093. doi: 10.1213/ANE.0000000000006667. Epub 2023 Oct 6. PMID: 37801598.
- Bok HGJ, Jonker G, Hamstra SJ, Boscardin CK, ten Cate O, Hennis MP. Integrating key concepts in workplace-based assessment: entrustable professional activities, programmatic assessment, and milestones. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 65–73.
- Mink RB, Carraccio CL, Herman BE, Weiss P, Turner DA, Stafford DEJ, McGann KA, Kesselheim J, Hsu DC, High PC, Fussell JJ, Curran ML, Chess PR, Sauer C, Pitts S, Myers AL, Mahan JD, Dammann CEL, Aye T, Schwartz A; Subspecialty Pediatrics Investigator Network. Relationship between epa level of supervision with their associated subcompetency milestone levels in pediatric fellow assessment. *BMC Med Educ*. 2023 Oct 3;23(1):720. doi: 10.1186/s12909-023-04689-0.
- Ten Cate O, Schumacher DJ. Entrustable professional activities versus competencies and skills: Exploring why different concepts are often conflated. *Adv Health Sci Educ Theory Pract*. 2022 May;27(2):491-499. doi: 10.1007/s10459-022-10098-7. Epub 2022 Feb 28. PMID: 35226240; PMCID: PMC9117349.
- LoGiudice AB, Sibbald M, Monteiro S, Sherbino J, Keuhl A, Norman GR, Chan TM. Intrinsic or Invisible? An Audit of CanMEDS Roles in Entrustable Professional Activities. *Acad Med*. 2022 May 3. doi: 10.1097/ACM.0000000000004731. Epub ahead of print. PMID: 35507461.

- Pitts S, Schwartz A, Carraccio CL, Herman BE, Mahan JD, Sauer CG, Christiane E.L. Dammann CEL, Tandy Aye T, Myers AL, Weiss PG, Turner DA, Hsu DC, Stafford DEJ, Chess PR, Fussell JJ, McGann KA, High P, Curran ML, Mink RB, Fellow Entrustment for the Common Pediatric Subspecialty Entrustable Professional Activities Across Subspecialties, Academic Pediatrics (2021), doi: <https://doi.org/10.1016/j.acap.2021.12.019>
- Albright JB, Meier AH, Ruangvoravat L, VanderMeer TJ. Association Between Entrustable Professional Activities and Milestones Evaluations: Real-time Assessments Correlate With Semiannual Reviews. *J Surg Educ.* 2020 Jul 31:S1931-7204(20)30261-0. doi: 10.1016/j.jsurg.2020.07.027. Epub ahead of print. PMID: 32747323.
- Larrabee JG, Agrawal D, Trimm F, Ottolini M. Entrustable Professional Activities: Correlation of Entrustment Assessments of Pediatric Residents With Concurrent Subcompetency Milestones Ratings. *J Grad Med Educ.* 2020 Feb;12(1):66-73.

Technology, portfolios, apps and AI

- Jenkins PD, Willis S, Doberne J, Jesneck J, Thanawala R. EHR-Driven Delivery of EPA Assessments Avoids Cherry-Picking Bias. *J Surg Educ.* 2026 Jun 13;83(9):104015. doi: 10.1016/j.jsurg.2026.104015. Epub ahead of print. PMID: 42287882.
- Gandhi J, Tait K, Marotti S, Ward MB. Implementation of a Novel Group-Based Entrustable Professional Activity Model During Early Experiential Placements. *Am J Pharm Educ.* 2026 Jun 25:102036. doi: 10.1016/j.ajpe.2026.102036. Epub ahead of print. PMID: 42349837.
- Domann M, Richters C, Wittl MJ, Stadler M. Medical Students' Acceptance of Digital Entrustable Professional Activities: Results of a Cohort Study. *JMIR Med Educ.* 2026 May 4;12:e87605. doi: 10.2196/87605. PMID: 42081711; PMCID: PMC13138705.
- Chen JW, Yu RB, Lin KN, Ono Y, Yu XB, Hsu WC, Wang PC, Liao LJ, Liao CH, Chen M. Learning Analytics of a National Entrustable Professional Activities Platform: Cross-Sectional Study of System-Level Constraints on Advanced Entrustment in Competency-Based Medical Education. *JMIR Med Educ.* 2026 May 27;12:e95066. doi: 10.2196/95066. PMID: 42202270; PMCID: PMC13254506.
- Zeng Y, Xie H, Zhou X, Xu C, Jiang Y, Lau ST. Developing a Nursing Research Education Agent Using Knowledge Graphs and Large Language Models: A Proof-of- Concept Study. *Nurse Educ.* 2026 Mar-Apr 01;51(2):E105-E109. doi: 10.1097/NNE.0000000000002105. Epub 2026 Jan 12. PMID: 41521533.
- Ten Cate O. Medical Education From a Succession Perspective: What Can the Apprenticeship Model Bring to Competency-Based Education? *Acad Med.* 2026 Mar 24;wvag071. doi: 10.1093/acamed/wvag071. Epub ahead of print. PMID: 41873733.
- Knox S, Bridges P, Chesbro S, Gleeson PB, Norris T, Rowe RH, Fitzpatrick J. Development of Domains of Competence and Core Entrance-to-Practice Competencies for Physical Therapy: A National Consensus Approach. *J Phys Ther Educ.* 2026 Mar 1;40(1):12-22. doi: 10.1097/JTE.0000000000000420. Epub 2025 Jun 3. PMID: 40464487; PMCID: PMC12908638.
- Filipe HP, Yaïci R, Ivekovic R, Curtin D, Asoklis R, Atilla H, Bak E, Pueyo-Bestué A, Beaconsfield M, Creuzot-Garcher C, Cvenkel B, Flanagan L, Imhof S, Kivelä T, Koppen C, Mrukwa-Kominec E, Maino A, Mouriaux F, Muselier A, Dhubghaill SN, Paust K, Priglinger S, Stopa M, Strong B, Tanner F, Tassignon MJ, Ursell P; ETR Subspecialties Working Group; Aclimandos W, Bourcier T. Competency-based European training requirements for the specialty of ophthalmology. Recommendations from the UEMS section of ophthalmology and the European Board of Ophthalmology. *Acta Ophthalmol.* 2026 Mar;104(2):e204-e215. doi: 10.1111/aos.17575. Epub 2025 Aug 7. PMID: 40772599; PMCID: PMC12888940.
- Caretta-Weyer HA, Yarris LM. Discordance between global versus reductionist approach in competency-based assessment for medical students in a transition to residency course. *Med*

Teach. 2026 Mar;48(3):506-515. doi: 10.1080/0142159X.2025.2566967. Epub 2025 Oct 6. PMID: 41052254.

- Barter S, Tracy ET, Shah K, Greenberg J, Brown K. Shared EPA Expectations: Mapping Micro-Assessments to The Traditional Rotational Training Framework. *J Surg Educ.* 2026 Mar;83(3):103826. doi: 10.1016/j.jsurg.2025.103826. Epub 2026 Jan 19. PMID: 41558182.
- Fitzpatrick JA, Chesbro SB, Jensen GM, Ambler SB, Bock KJ, Dorsey LL, Harding E, Harrington KL, Helton K, Laux C, Langerwerf L, Li E, Meachem C, Melvey D, Norris TL, Stolfi A, Englander R, Chen HC, Taylor D. Describing the Process to Develop Core Entrustable Professional Activities for Entrance Into Physical Therapist Practice: Applying a National Consensus Approach. *J Phys Ther Educ.* 2026 Jan 15. doi: 10.1097/JTE.0000000000000465. Epub ahead of print. PMID: 41535976.
- Maupin C, Anand A, Nesbit D, Morrone C, Sultan D. Applying Entrustable Professional Activities Across Emergency Medicine Medical Education Fellowships: A Cross-Institutional Commentary. *AEM Educ Train.* 2025 Dec 9;9(6):e70110. doi: 10.1002/aet2.70110. PMID: 41383489; PMCID: PMC12689268.
- Page LC, Boyer D, Lee-Kim Y, Moffatt ME, Nuncio Lujano B, Weidemann D, Schwartz A, Turner DA, Hsu D; Pediatrics Subspecialties' Mapping Milestones 2.0 to EPAs Committee Leaders. Entrustable Professional Activities to Milestones Advisor for Pediatric Subspecialties: Developing a Comprehensive Approach to Competency-Based Assessment. *Acad Pediatr.* 2025 Nov-Dec;25(8):103122. doi: 10.1016/j.acap.2025.103122. Epub 2025 Aug 19. PMID: 40840640.
- Liang JF, Yeh WY, Huang SS, Yeh HY, Shen HC, Huang CC, Lin YH, Cheng HM, Yang YY, Lin JF, Chen CH, Wang SJ. Association between clinical learning portfolio recording and medical students' competencies and entrustable professional activities in Taiwan. *J Chin Med Assoc.* 2025 Nov 1;88(11):868-875. doi: 10.1097/JCMA.0000000000001297. Epub 2025 Sep 17. PMID: 40968079; PMCID: PMC12718709.
- Cabral Ferreira N, Valerio M, Sebe P. Formation urologique : défis contemporains et nouvelles approches [Urological training: contemporary challenges and new approaches]. *Rev Med Suisse.* 2025 Nov 26;21(941):2126-2130. French. doi: 10.53738/REVMED.2025.21.941.48059. PMID: 41305969.
- Zhang X, Qin Z, Xie M, Mu Y, Jiang Y, Ding H, Chen Y, Zuo C, Wei J, Wang T. Towards a global framework of entrustable professional activities for undergraduate clinical laboratory interns: a competency-based approach. *Clin Chem Lab Med.* 2025 Oct 14;64(3):651-661. doi: 10.1515/ccm-2025-1178. PMID: 41084866.
- Waldvogel TEE, Link M, Pedrazzini G, Jennebach J, Goldhahn J, Ahlers O. How to use curriculum mapping to ensure a coherent and coordinated learning spiral in a competency-based medical curriculum across two medical universities. *BMC Med Educ.* 2025 Oct 7;25(1):1364. doi: 10.1186/s12909-025-07837-w. PMID: 41057871; PMCID: PMC12502588.
- Mengyu C, Dan F. Constructing medical student personas via social sensing data and entrustable professional activities (EPAs) framework: a multimodal thematic analysis approach. *BMC Med Educ.* 2025 Oct 10;25(1):1393. doi: 10.1186/s12909-025-07949-3. PMID: 41074042; PMCID: PMC12512417.
- Firoozi T, Oswald A, Hamza DM, Lai H. Monitoring Competency-Based Medical Education Uptake: Analysis of Entrustable Professional Activity Submission, Expiration, and Assessment Scores. *J Grad Med Educ.* 2025 Oct;17(5):648-651. doi: 10.4300/JGME-D-25-00152.1. Epub 2025 Oct 15. PMID: 41103985; PMCID: PMC12525569.
- Chen JW, Tu HL, Chang CH, Hsu WC, Wang PC, Liao CH, Chen M. Automated Evaluation of Reflection and Feedback Quality in Workplace-Based Assessments by Using Natural Language Processing: Cross-Sectional Competency-Based Medical Education Study. *JMIR Med Educ.* 2025 Oct 22;11:e81718. doi: 10.2196/81718. PMID: 41124694; PMCID: PMC12590046.

- Tanaka P, Park YS, Chen J, Macario A. Reliability and utility of anesthesiology entrustable professional activities assessed with a mobile web application. *J Clin Anesth*. 2025 Sep;106:111922. doi: 10.1016/j.jclinane.2025.111922. Epub 2025 Jul 2. PMID: 40609217.
- Rogoza C, Fasih S, Kwan BYM. Implementing a competency based medical education curriculum in diagnostic radiology: Challenges and Pearls of Wisdom. *Curr Probl Diagn Radiol*. 2025 Sep-Oct;54(5):543-545. doi: 10.1067/j.cpradiol.2025.01.012. Epub 2025 Jan 23. PMID: 39904679.
- Kwan BYM, Zhou Z, Rogoza N, Aghaei N, de Vries I, Hanmore T, Zevin B. Leveraging Large Language Models to Evaluate the Quality of Narrative Feedback for Surgery Residents in Competency-Based Medical Education. *Ann Surg Open*. 2025 Sep 24;6(4):e608. doi: 10.1097/AS9.0000000000000608. PMID: 41451174; PMCID: PMC12727304.
- Hussain F, Maxwell WD, Weed ED, Baker JL, Dennison C, Cai C, Worrall CL. Impact of Honors Pass/Pass/Fail vs Traditional Letter Grading on EPA-Based Assessment of Student APPE Performance. *Am J Pharm Educ*. 2025 Sep;89(9):101446. doi: 10.1016/j.ajpe.2025.101446. Epub 2025 Jun 25. PMID: 40578435.
- Wei FC, Chang CT, Chung JY. [Application of Entrustable Professional Activities in Clinical Nursing Education]. *Hu Li Za Zhi*. 2025 Aug;72(4):31-38. Chinese. doi: 10.6224/JN.202508_72(4).05. PMID: 40738865.
- Chao LF, Wu ML, Chung FF. [The Application of Entrustable Professional Activities in Developing Nursing Students' Learning and Clinical Competence]. *Hu Li Za Zhi*. 2025 Aug;72(4):15-22. Chinese. doi: 10.6224/JN.202508_72(4).03. PMID: 40738863.
- Engeler J, Stricker D, Birrenbach T, Fadini D, Mattsson B, Luck BN, Straub DR, Schaller A, Thomke S, Wagner F, Berendonk C. Designing and validating entrustable professional activities for emergency medicine: a stringent, construct-validity enhancing approach. *BMC Med Educ*. 2025 Jul 1;25(1):866. doi: 10.1186/s12909-025-07449-4. PMID: 40597157; PMCID: PMC12210720.
- Chen WY, Chu CP, Huang TF, Chang HM, Kuo FJ, Liu YT, Peng SH, Lee CJ, Hung YJ, Lin YP, Huang MC, Kuo CJ. Importance-based approach to entrustable professional activities for psychiatric residency training. *BMC Med Educ*. 2025 Jul 17;25(1):1068. doi: 10.1186/s12909-025-07655-0. PMID: 40676583; PMCID: PMC12273430.
- Aschwanden FJ, Afferi L, Kandler L, Marty AP, Baumeister P, Mattei A, Kozomara M, Fankhauser CD. Mobile-based Assessment of Entrustable Professional Activities in Urology Training: Implementation and Outcomes. *Eur Urol Open Sci*. 2025 Feb 20;73:71-76. doi: 10.1016/j.euros.2025.01.013. PMID: 40060303; PMCID: PMC11889345.
- Trang K, Pierce L, Wick EC, Vu L, Dicker R, Boeck MA, Garber K, Hirose K. Promoting Resident Education Priorities With an Acute Care Surgery Service Dashboard. *J Surg Educ*. 2024 Dec 6;82(2):103342. doi: 10.1016/j.jsurg.2024.103342. Epub ahead of print. PMID: 39644700.
- Hsu PJ, Wnuk G, Leininger L, Peterson S, Hughes DT, Sandhu G, Zwischenberger JB, George BC, Aubry S. When the first try fails: re-implementation of SIMPL in a general surgery residency. *BMC Surg*. 2024 Sep 11;24(1):257. doi: 10.1186/s12893-024-02557-2. PMID: 39261888; PMCID: PMC11389305.
- Johnson D, Chopra S, Bilgic E. Exploring the Use of Natural Language Processing to Understand Emotions of Trainees and Faculty Regarding Entrustable Professional Activity Assessments. *J Grad Med Educ*. 2024 Jun;16(3):323-327. doi: 10.4300/JGME-D-23-00526.1. Epub 2024 Jun 13. PMID: 38882409; PMCID: PMC11173031.
- Jenkins L, Mash R, Naidoo M, Motschi T. Developing an electronic portfolio of learning for family medicine training in South Africa. *Afr J Prim Health Care Fam Med*. 2024 Jun 28;16(1):e1-e4. doi: 10.4102/phcfm.v16i1.4525. PMID: 38949444; PMCID: PMC11219992.
- Rowat J, Mhatre G, Suneja M. Mobile Application to Improve Just-in-Time 2-Way Formative Feedback in Graduate Medical Education. *J Grad Med Educ*. 2024 Apr;16(2):221-226. doi: 10.4300/JGME-D-23-00378.1. Epub 2024 Apr 15. PMID: 38993301; PMCID: PMC11234316.

- Cox ML, Weaver ML, Johnson C, Chen X, Carter T, Yee CC, Coleman DM, Sgroi MD, George BC, Smith BK. Early findings and strategies for successful implementation of SIMPL workplace-based assessments within vascular surgery residency and fellowship programs. *J Vasc Surg*. 2023 Sep;78(3):806-814.e2. doi: 10.1016/j.jvs.2023.04.039. Epub 2023 May 8.
- Ott M, Apramian T, Cristancho S, Roth K. Unintended consequences of technology in competency-based education: a qualitative study of lessons learned in an OtoHNS program. *J Otolaryngol Head Neck Surg*. 2023 Aug 23;52(1):55. doi: 10.1186/s40463-023-00649-2.
- Marty AP, Linsenmeyer M, George B, Young JQ, Breckwoldt J, Ten Cate O. Mobile technologies to support workplace-based assessment for entrustment decisions: Guidelines for programs and educators: AMEE Guide No. 154. *Med Teach*. 2023 Jan 27:1-11.
- Yilmaz Y, Carey R, Chan TM, Bandi V, Wang S, Woods RA, Mondal D, Thoma B. Developing a dashboard for program evaluation in competency-based training programs: a design-based research project. *Can Med Educ J*. 2022 Sep 1;13(5):14-27.
- Warm EJ, Carraccio C, Kelleher M, Kinnear B, Schumacher DJ, Santen S. The education passport: connecting programmatic assessment across learning and practice. *Can Med Educ J*. 2022 Aug 26;13(4):82-91. doi: 10.36834/cmej.73871.
- Diwersi N, Gass JM, Fischer H, Metzger J, Knobe M, Marty AP. Surgery goes EPA (Entrustable Professional Activity) - how a strikingly easy to use app revolutionizes assessments of clinical skills in surgical training. *BMC Med Educ*. 2022 Jul 19;22(1):559.
- Marty AP, Braun J, Schick C, Zalunardo MP, Spahn DR, Breckwoldt J. A mobile application to facilitate implementation of programmatic assessment in anaesthesia training. *Br J Anaesth*. 2022 Jun;128(6):990-996. doi: 10.1016/j.bja.2022.02.038. Epub 2022 Apr 8. PMID: 35410792.
- Bramley A, Forsyth A, McKenna L. Design, implementation and evaluation of novel work-based clinical assessment tool: An e-portfolio with embedded Entrustable Professional Activities. *Nurse Educ Today*. 2021 Dec;107:105101. doi:10.1016/j.nedt.2021.105101. Epub 2021 Aug 19. PMID: 34488192.
- Peng CR, Schertzer KA, Caretta-Weyer HA, Sebok-Syer SS, Lu W, Tansomboon C, Gisondi MA. Assessment of Entrustable Professional Activities Using a Web-Based Simulation Platform During Transition to Emergency Medicine Residency: Mixed Methods Pilot Study. *JMIR Med Educ*. 2021 Nov 17;7(4):e32356. doi: 10.2196/32356. PMID: 34787582.
- Stahl CC, Jung SA, Rosser AA, Kraut AS, Schnapp BH, Westergaard M, Hamedani AG, Minter RM, Greenberg JA. Natural language processing and entrustable professional activity text feedback in surgery: A machine learning model of resident autonomy. *Am J Surg*. 2021 Feb;221(2):369-375. doi: 10.1016/j.amjsurg.2020.11.044. Epub 2020 Nov 26. PMID: 33256944; PMCID: PMC7969407.
- Datta R, Datta K, Routh D, Bhatia JK, Yadav AK, Singhal A, Dalal SS. Development of a portfolio framework for implementation of an outcomes-based healthcare professional education curriculum using a modified e-Delphi method. *Med J Armed Forces India*. 2021 Feb;77(Suppl 1):S49-S56. doi: 10.1016/j.mjafi.2020.11.012. Epub 2021 Feb 2. PMID: 33612932; PMCID: PMC7873694.
- Drayton-Brooks SM, Gray PA, Turner NP, Newland JA. The use of big data and data mining in nurse practitioner clinical education. *J Prof Nurs*. 2020 Nov- Dec;36(6):484-489. doi: 10.1016/j.profnurs.2020.03.012. Epub 2020 Mar 28. PMID: 33308544.
- Young JQ, McClure M. Fast, Easy, and Good: Assessing Entrustable Professional Activities in Psychiatry Residents With a Mobile App. *Acad Med*. 2020 Oct;95(10):1546-1549.
- Duggan N, Curran VR, Fairbridge NA, Deacon D, Coombs H, Stringer K, Pennell S. Using mobile technology in assessment of entrustable professional activities in undergraduate medical education. *Perspect Med Educ*. 2020 Oct 23.
- Bramley AL, Thomas CJ, McKenna L, Itsiopoulos C. E-portfolios and Entrustable Professional Activities to support competency-based education in dietetics. *Nurs Health Sci*. 2020 Sep 7. doi: 10.1111/nhs.12774. Epub ahead of print. PMID: 32896047.

- Young JQ, Sugarman R, Schwartz J, McClure M, O'Sullivan PS. A mobile app to capture EPA assessment data: Utilizing the consolidated framework for implementation research to identify enablers and barriers to engagement. *Perspect Med Educ*. 2020 Aug;9(4):210-219.
- Hsiao CT, Chou FC, Hsieh CC, Chang LC, Hsu CM. Developing a Competency-Based Learning and Assessment System for Residency Training: Analysis Study of User Requirements and Acceptance. *J Med Internet Res*. 2020 Apr 14;22(4):e15655.
- George, B. C. et al. (2020) 'Using smartphones for trainee performance assessment: A SIMPL case study', *Surgery* 167(6), pp. 903–906.

Supervision, autonomy and safety

- Diaconescu A, Kasmirski J, White E, Korndorffer JR Jr, McLeod MC, Sarosi G, Barry C, Jones A, Minter RM, Brasel K, Lindeman B. The Path to Independence: Progression in Entrustment Reflected in Entrustable Professional Activity Ratings. *Ann Surg*. 2026 Jun 12. doi: 10.1097/SLA.0000000000007114. Epub ahead of print. PMID: 42277576.
- Beall J, Brown TM, Cretton-Scott E, Thigpen J. Foundation for the Creation of a Laboratory Skills Toolkit: A Case Study. *Am J Pharm Educ*. 2025 Dec;89(12):101891. doi: 10.1016/j.ajpe.2025.101891. Epub 2025 Oct 30. PMID: 41173276.
- Brocke TK, Eaton DB Jr, Johnson CE, Klos C, Awad MM, Ohman KA. Doing Less Later: Seniorization of General Surgery Resident Operative Experience in the Entrustable Professional Activities at Veterans Affairs Hospitals. *J Surg Educ*. 2025 Mar;82(3):103403. doi: 10.1016/j.jsurg.2024.103403. Epub 2025 Jan 11. PMID: 39799710.
- Alexander M, Behrend R, Franz A, Peters H. Feeling the responsibility: Exploring the emotional experiences of final-year medical students when carrying out clinical tasks. *Med Teach*. 2025 Mar;47(3):513-520. doi: 10.1080/0142159X.2024.2351137. Epub 2024 May 21. PMID: 38771960.
- Rossetto A, Morinelli V, Muschitiello D, Quattrin R, Terrosu G, Bresadola V. Appendectomy in the Training Program of General Surgery: Entrustable Professional Activity? *Ann Ital Chir*. 2025;96(2):269-276. doi: 10.62713/aic.3957. PMID: 39957111.
- Shuford A, Carney PA, Ketterer B, Jones RL, Phillipi CA, Kraakevik J, Hasan R, Moulton B, Smeraglio A. An Analysis of Workplace-Based Assessments for Core Entrustable Professional Activities for Entering Residency: Does Type of Clinical Assessor Influence Level of Supervision Ratings? *Acad Med*. 2024 Aug 1;99(8):904-911. doi: 10.1097/ACM.0000000000005691. Epub 2024 Mar 18. PMID: 38498305.
- Millar JK, Matusko N, Evans J, Baker SJ, Lindeman B, Jung S, Minter RM, Weinstein E, Goodstein F, Cook MR, Brasel KJ, Sandhu G. Faculty Entrustment and Resident Entrustability. *JAMA Surg*. 2024 Mar 1;159(3):277-285. doi: 10.1001/jamasurg.2023.6915. PMID: 38198146; PMCID: PMC10782383.
- Adrales G, Ardito F, Chowbey P, Morales-Conde S, Ferreres AR, Hensman C, Martin D, Matthaei H, Ramshaw B, Roberts JK, Schrem H, Sharma A, Tabiri S, Vibert E, Woods MS. A multi-national, video-based qualitative study to refine training guidelines for assigning an "unsafe" score in laparoscopic cholecystectomy critical view of safety. *Surg Endosc*. 2024 Feb;38(2):983-991. doi: 10.1007/s00464-023-10528-6. Epub 2023 Nov 16. PMID: 37973638.
- Jonker G, Klasen JM, Hennus MP, de Graaf J, Schumacher DJ, ten Cate O. Entrustment with health care tasks: balancing trainee autonomy, supervision, and patient safety. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 213–23.
- Hsu DC, Baghdassarian A, Caglar D, Rose JA, Herman BE, Schwartz A, Mink R, Langan ML. Pediatric Emergency Medicine Fellowship Program Directors' Viewpoint: Minimum Levels of Entrustment for Graduating Fellows and Practicing Physicians to Perform the Subspecialty's Professional Activities. *Pediatr Emerg Care*. 2023 Aug 1;39(8):574-579. doi: 10.1097/PEC.0000000000002817. Epub 2022 Aug 6.

- VanLangen KM, Begley KJ, Bradley CL, Hong LT, Knockel LE, Renfro C, Sourial M, Frenzel J. Early skills laboratory warnings: Laboratory faculty perspectives on student barriers for progression to experiential education. *Curr Pharm Teach Learn*. 2023 Jun 23;S1877-1297(23)00141-7.
- Lenhart K, Yashar BM, Sandhu G, Marvin M. Entrustment decision-making in genetic counseling supervision: Exploring supervisor and student perspectives to enhance training practices. *J Genet Couns*. 2023 Apr 24.
- Hatala R, Ginsburg S, Gauthier S, Melvin L, Taylor D, Gingerich A. Supervising the senior medical resident: Entrusting the role, supporting the tasks. *Med Educ*. 2022 Dec;56(12):1194-1202.
- Kou M, Baghdassarian A, Khanna K, Jamal N, Carney M, Fein DM, Kim I, Langhan ML, Rose JA, Zuckerbraun NS, Roskind CG; AAP Section on Emergency Medicine Fellowship Program Director's Committee. Guiding Fellows to Independent Practice: Current Trends in Pediatric Emergency Medicine Fellow Supervision. *Pediatr Emerg Care*. 2022 Oct 1;38(10):517-520. doi: 10.1097/PEC.0000000000002676. Epub 2022 Mar 30.
- Weiss PG, Schwartz A, Carraccio CL, Herman BE, Turner DA, Aye T, Fussell JJ, Kesselheim J, Mahan JD, McGann KA, Myers A, Stafford DEJ, Chess PR, Curran ML, Dammann CEL, High P, Hsu DC, Pitts S, Sauer C, Srivastava S, Mink RB. Achieving Entrustable Professional Activities During Fellowship. *Pediatrics*. 2021 Nov;148(5):e2021050196. doi: 10.1542/peds.2021-050196. Epub 2021 Oct 19. PMID: 34667096.
- Weiss P, Schwartz A, Carraccio C, Herman BE, Mink RB. Minimum Supervision Levels Required by Program Directors for Pediatric Pulmonary Fellow Graduation. *ATS Sch*. 2021 Sep 1;2(3):360-369. doi: 10.34197/ats-scholar.2021-0013OC. PMID: 34667986; PMCID: PMC8519336.
- Frenzel JE, Richter LM, Hursman AN, Viets JL. Assessment of preceptor understanding and use of levels of entrustment. *Curr Pharm Teach Learn*. 2021 Sep;13(9):1121-1126.
- Zante B, Klasen JM. Learner-centered education: ICU residents' expectations of teaching style and supervision level. *BMC Med Educ*. 2021 Jul 31;21(1):411. doi: 10.1186/s12909-021-02844-z. PMID: 34330260; PMCID: PMC8325219.
- Schwartz A, Borman-Shoap E, Carraccio C, Herman B, Hobday PM, Kaul P, Long M, O'Connor M, Mink R, Schumacher DJ, Turner DA, West DC. Learner Levels of Supervision Across the Continuum of Pediatrics Training. *Acad Med*. 2021 Jul 1;96(7S):S42-S49.
- Nieboer P, Huiskes M, Cnossen F, Stevens M, Bulstra SK, Jaarsma DADC. Fingerprints of Teaching Interactions: Capturing and Quantifying How Supervisor Regulate Autonomy of Residents in the Operating Room. *J Surg Educ*. 2021 Jul- Aug;78(4):1197-1208. doi: 10.1016/j.jsurg.2020.12.010. Epub 2020 Dec 24. PMID: 33358759.
- Patel M, Baker P. Supervision for entrustable professional activities. *Med Educ*. 2018 Oct;52(10):998-1000.
- Winn AS, Marcus CH, Sectish TC, Williams K, Landrigan CP. A Comparison of Resident Self-Perception and Pediatric Hospitalist Perceptions of the Supervisory Needs of New Interns. *Hosp Pediatr*. 2018 Apr;8(4):214-219.
- ten Cate O. Supervision and entrustment in clinical training: protecting patients, protecting trainees. *AHRQ WebM&M [serial online]*. November 2018. Available at: <https://psnet.ahrq.gov/webmm/case/461>.
- Huda N, Faden L, Goldszmidt M. Entrustment of the on-call senior medical resident role: implications for patient safety and collective care. *BMC Med Educ*. 2017 Jul 14;17(1):121.

General and theoretical aspects of entrustment

- Snijders BMG, Koek HL, Peters MJL, Mali WPTM, van Beek MM, Betman MJC, Golüke NMS, Kruyswijk T, de Lange SV, Lith BDWT, Pekelharing RM, Roos MJ, Rutgers DR, Venema SMU, Verberne WR, Emmelot-Vonk MH, de Jong PA. Inter- and Intrarater Agreement of CT Brain Calcification Scoring in Primary Familial Brain Calcification. *AJNR Am J Neuroradiol*. 2025 Jan 8;46(1):147-152. doi: 10.3174/ajnr.A8446. PMID: 39134371; PMCID: PMC11735432.

- Brown A, La J, Keri MI, Hillis C, Razack S, Korah N, Karpinski J, Frank JR, Wong B, Goldman J. In EPAs we trust, is quality and safety a must? A cross- specialty analysis of entrustable professional activity guides. *Med Teach*. 2025 Jan;47(1):134-142. doi: 10.1080/0142159X.2024.2323177. Epub 2024 Mar 25. PMID: 38527417.
- Hennis MP, Chen HC. Equity, diversity, and inclusion in entrustable professional activities based assessment. *Med Educ*. 2024 Dec;58(12):1426-1428. doi: 10.1111/medu.15526. Epub 2024 Sep 3. PMID: 39225392.
- Peters H, Garbe A, Breil SM, Oberst S, Selch S, Holzhausen Y. Big five personality traits of medical students and workplace performance in the final clerkship year using an EPA framework. *BMC Med Educ*. 2024 Apr 25;24(1):453. doi: 10.1186/s12909-024-05434-x. PMID: 38664702; PMCID: PMC11044476.
- Caretta-Weyer HA, Smirnova A, Barone MA, Frank JR, Hernandez-Boussard T, Levinson D, Lombarts KMJM, Lomis KD, Martini A, Schumacher DJ, Turner DA, Schuh A. The Next Era of Assessment: Building a Trustworthy Assessment System. *Perspect Med Educ*. 2024 Jan 22;13(1):12-23. doi: 10.5334/pme.1110. PMID: 38274558; PMCID: PMC10809864.
- ten Cate O, Hennis MP, Khursigara-Slattey N, López MJ, Sternszus R. Entrustable professional activities, entrustment, and the conceptualization of competence in the health professions. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 15–24.
- Gin BC, Holzhausen Y, Khursigara-Slattey N, Chen HC, Schumacher DJ, ten Cate O. Theoretical foundations of trust and entrustment in health professions education. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 35–50.
- Chen HC, Ladenheim RI, Schumacher DJ, Chou FC, ten Cate O. Graded autonomy and grounded self-determination in health professions education. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 25–33.
- Kleijer EFW, Schuurmans MJ, Ten Cate O, Pool IA. Preceptors' considerations when entrusting professional activities to postgraduate nursing students: A qualitative study. *Nurse Educ Today*. 2023 Jun;125:105799.
- Matava CT, Alam F, Kealey A, Bahrey LA, McCreath GA, Walsh CM. The influence of resident and faculty gender on assessments in anesthesia competency-based medical education. *Can J Anaesth*. 2023 May 10:1–10.
- Sasek CA. Implications of Entrustable Professional Activities for Motivation and Learning. *J Physician Assist Educ*. 2023 Mar 1;34(1):15-19.
- Oliver JB, McFarlane JL, Kunac A, Anjaria DJ. Declining Resident Surgical Autonomy and Improving Surgical Outcomes: Correlation Does Not Equal Causality. *J Surg Educ*. 2022 Nov 2:S1931-7204(22)00262-8. doi: 10.1016/j.jsurg.2022.10.009. Epub ahead of print.
- Schumacher DJ, Michelson C, Winn AS, Turner DA, Elshoff E, Kinnear B. Making prospective entrustment decisions: Knowing limits, seeking help and defaulting. *Med Educ*. 2022 Sep;56(9):892-900.
- Hall AK, Oswald A. Optimising prospective entrustment: Defaulting on default progression. *Med Educ*. 2022 Sep;56(9):870-872.
- Chin M, Pack R, Cristancho S. "A whole other competence story": exploring faculty perspectives on the process of workplace-based assessment of entrustable professional activities. *Adv Health Sci Educ Theory Pract*. 2022 Aug 23. doi: 10.1007/s10459-022-10156-0. Epub ahead of print.
- Miles VP, Schroll RW, Beaty JS. Empowering the Resident Learner. *J Surg Educ*. 2022 Jul-Aug;79(4):909-917. doi: 10.1016/j.jsurg.2022.03.009. Epub 2022 Apr 28.

- Goldman MP, Rudd AV, Baum SC, Nagler M, Weiss DL, Gross IT, Auerbach MA. Formative Assessments Promote Procedural Learning and Engagement for Senior Pediatric Residents on Rotation in the Pediatric Emergency Department. *MedEdPORTAL*. 2022 Jul 12;18:11265
- Bremer AE, van de Pol MHJ, Laan RFJM, Fluit CRMG. How an EPA-based curriculum supports professional identity formation. *BMC Med Educ*. 2022 Jan 20;22(1):48. doi: 10.1186/s12909-022-03116-0. PMID: 35057788; PMCID: PMC8781044.
- Gin BC, Tsoi S, Sheu L, Hauer KE. How supervisor trust affects early residents' learning and patient care: A qualitative study. *Perspect Med Educ*. 2021 Dec;10(6):327-333. doi: 10.1007/s40037-021-00674-9. Epub 2021 Jul 23. PMID: 34297348; PMCID: PMC8633204.
- Gin BC, Ten Cate O, O'Sullivan PS, Hauer KE, Boscardin C. Exploring how feedback reflects entrustment decisions using artificial intelligence. *Med Educ*. 2021 Nov 12. doi: 10.1111/medu.14696. Epub ahead of print. PMID: 34773415.
- Damodaran AK, Jones P, Shulruf B. Trust and risk pitfalls in medical education: A qualitative study of clinical teachers. *Med Teach*. 2021 Nov;43(11):1309-1316. doi: 10.1080/0142159X.2021.1944613. Epub 2021 Jul 19. PMID: 34280316.
- Senders ZJ, Brady JT, Ladhani HA, Marks J, Ammori JB. Factors Influencing the Entrustment of Resident Operative Autonomy: Comparing Perceptions of General Surgery Residents and Attending Surgeons. *J Grad Med Educ*. 2021 Oct;13(5):675-681. doi: 10.4300/JGME-D-20-01259.1. Epub 2021 Oct 15. PMID: 34721797; PMCID: PMC8527956.
- Kappy B, Herrmann LE, Schumacher DJ, Statile AM. Building a doctor, one skill at a time: Rethinking clinical training through a new skills-based feedback modality. *Perspect Med Educ*. 2021 Oct;10(5):304-311. doi: 10.1007/s40037-021-00666-9. Epub 2021 May 26. PMID: 34037967; PMCID: PMC8505598.
- Bonachea EM. Crossing the Entrustment Chasm: Do We Trust Graduating Fellows to Practice without Supervision? *ATS Sch*. 2021 Sep 8;2(3):289-292. doi: 10.34197/ats-scholar.2021-0099ED. PMID: 34667977; PMCID: PMC8518651.
- Sarosi GA Jr, Klingensmith M. Entrustable Professional Activities, a tool for addressing gender bias and the Imposter Syndrome? *Ann Surg*. 2021 Aug 25. doi: 10.1097/SLA.0000000000005189. Epub ahead of print. PMID: 34433185.
- Ten Cate O, Schultz K, Frank JR, Hennus MP, Ross S, Schumacher DJ, Snell LS, Whelan AJ, Young JQ. Questioning medical competence: Should the Covid-19 crisis affect the goals of medical education? *Med Teach*. 2021 Jul;43(7):817-823. doi: 10.1080/0142159X.2021.1928619. Epub 2021 May 27. PMID: 34043931.
- Sebok-Syer SS, Gingerich A, Holmboe ES, Lingard L, Turner DA, Schumacher DJ. Distant and Hidden Figures: Foregrounding Patients in the Development, Content, and Implementation of Entrustable Professional Activities. *Acad Med*. 2021 Jul 1;96(7S):S76-S80. doi: 10.1097/ACM.0000000000004094. PMID: 34183606.
- Lentz A, Siy JO, Carraccio C. AI-assessment: Towards Assessment As a Sociotechnical System for Learning. *Acad Med*. 2021 Jul 1;96(7S):S87-S88. doi: 10.1097/ACM.0000000000004104. PMID: 34183608.
- Kinnear B, Warm EJ, Caretta-Weyer H, Holmboe ES, Turner DA, van der Vleuten C, Schumacher DJ. Entrustment Unpacked: Aligning Purposes, Stakes, and Processes to Enhance Learner Assessment. *Acad Med*. 2021 Jul 1;96(7S):S56-S63. doi: 10.1097/ACM.0000000000004108. PMID: 34183603.
- Sturman N, Parker M, Jorm C. Clinical supervision in general practice training: the interweaving of supervisor, trainee and patient entrustment with clinical oversight, patient safety and trainee learning. *Adv Health Sci Educ Theory Pract*. 2021 Mar;26(1):297-311. doi: 10.1007/s10459-020-09986-7. Epub 2020 Aug 24. PMID: 32833138.
- Ten Cate O, Carraccio C, Damodaran A, Gofton W, Hamstra SJ, Hart DE, Richardson D, Ross S, Schultz K, Warm EJ, Whelan AJ, Schumacher DJ. Entrustment Decision Making: Extending

Miller's Pyramid. *Acad Med.* 2021 Feb 1;96(2):199-204. doi: 10.1097/ACM.0000000000003800. PMID: 33060399.

- Hauer KE, Lockspeiser TM, Chen HC. The COVID-19 Pandemic as an Imperative to Advance Medical Student Assessment: Three Areas for Change. *Acad Med.* 2021 Feb 1;96(2):182-185.
- Smith BQ, Woelfel I, Salani R, Harzman A, Chen X. Resident Self-Entrustment and Expectations of Autonomy: OB > GYN? *J Surg Educ.* 2021 Jan-Feb;78(1):275-281. doi: 10.1016/j.jsurg.2020.07.019. Epub 2020 Aug 2. PMID: 32753260.
- Antonacci AC, Patel V, Dechario SP, Antonacci C, Standring OJ, Husk G, Coppa G, Jarrett M. Core Competency Self-Assessment Enhances Critical Review of Complications and Entrustable Activities. *J Surg Res.* 2021 Jan;257:221-226. doi: 10.1016/j.jss.2020.07.064. Epub 2020 Aug 25. PMID: 32858323.
- Van Enk A, ten Cate O. "Languaging" tacit judgment in formal assessment: Some thoughts on documenting ad hoc and summative entrustment decisions. *Perspectives on Medical Education* 2020. Early Online.
- Hendren EM, Kumagai AK. A Matter of Trust. *Acad Med.* 2019 Sep;94(9):1270-1272.
- Fuchs J, King M, Devon EP, Guffey D, Keeley M, Rocha MEM. Mitigating "Educational Groundhog Day" - The Role of Learner Handoffs Within Clinical Rotations: A Survey of Pediatric Educational Leaders. *Acad Pediatr.* 2019 Aug 22. pii: S1876-2859(19)30378-X. doi: 10.1016/j.acap.2019.08.011. [Epub ahead of print]
- Colbert-Getz JM, Lappe K, Northrup M, Roussel D. To What Degree Are the 13 Entrustable Professional Activities Already Incorporated Into Physicians' Performance Schemas for Medical Students? *Teach Learn Med.* 2019 Aug-Sep;31(4):361-369.
- Yang BW, Waters PM. Implementation of an Orthopedic Trauma Program to Safely Promote Resident Autonomy. *J Grad Med Educ.* 2019 Apr;11(2):207-213.
- Czeskleba A(1), Holzhausen Y(1), Peters H(1). Patient safety during final-year clerkships: A qualitative study of possible error sources and of the potential of Entrustable Professional Activities. *GMS J Med Educ.* 2019 Mar 15;36(2):Doc18.
- Gomez-Garibello C, Young M. Emotions and assessment: considerations for rater-based judgements of entrustment. *Med Educ.* 2018 Mar;52(3):254-262.
- Damodaran A, Shulruf B, Jones P. Trust and risk: a model for medical education. *Med Educ.* 2017 Sep;51(9):892-902
- Rich JV. Proposing a Model of Co-Regulated Learning for Graduate Medical Education. *Acad Med.* 2017 Aug;92(8):1100-1104.
- Gingerich A. What if the 'trust' in entrustable were a social judgement? *MedEduc.* 2015 Aug;49(8):750-2
- Hauer KE, Ten Cate O, Boscardin C, Irby DM, Iobst W, O'Sullivan PS. Understanding trust as an essential element of trainee supervision and learning in the workplace. *Adv Health Sci Educ Theory Pract.* 2014 Aug;19(3):435-56
- Choo KJ, Arora VM, Barach P, Johnson JK, Farnan JM. How do supervising physicians decide to entrust residents with unsupervised tasks? A qualitative analysis. *J Hosp Med.* 2014 Mar;9(3):169-75
- Babbott S. Commentary: watching closely at a distance: key tensions in supervising resident physicians. *Acad Med.* 2010 Sep;85(9):1399-400.
- Sterkenburg A, Barach P, Kalkman C, Gielen M, ten Cate O. When do Supervising Physicians Decide to Entrust Residents with Unsupervised Tasks? *Academic Medicine* 2010;85(9):1408-1417
- Holzhausen Y, Maaz A, Cianciolo AT, Ten Cate O, Peters H. Applying occupational and organizational psychology theory to entrustment decision-making about trainees in health care: a conceptual model. *Perspect Med Educ.* 2017 Apr;6(2):119-126
- Hirsh DA, Holmboe ES, ten Cate O. Time to trust: longitudinal integrated clerkships and entrustable professional activities. *Acad Med.* 2014 Feb;89(2):201-4

- Apr 14;10.1097/SLA.0000000000004905. doi: 10.1097/SLA.0000000000004905. Epub ahead of print. PMID: 33856381; PMCID: PMC8514571.

Time variability

- Hoffman M, Dedow L, Boscamp J. Competency-based and less time-bound: a new approach to the macro-structure of a medical school curriculum. *Med Educ Online*. 2024 Dec 31;29(1):2343205. doi: 10.1080/10872981.2024.2343205. Epub 2024 Apr 16. PMID: 38626425; PMCID: PMC11022905.
- Schumacher DJ, Kinnear B, Burk-Rafel J, Santen SA, Bullock JL. The Next Era of Assessment: Can Ensuring High-Quality, Equitable Patient Care Be the Defining Characteristic? *Acad Med*. 2024 Apr 1;99(4S Suppl 1):S7-S13. doi: 10.1097/ACM.0000000000005603. Epub 2023 Dec 18. PMID: 38109659.
- Karpinski J, Frank JR. The Role of EPAs in Creating a National System of Time-Variable Competency-Based Medical Education. *Acad Med*. 2021 Jul 1;96(7S):S36-S41. doi: 10.1097/ACM.0000000000004087. PMID: 34183600.
- Schumacher DJ, Caretta-Weyer H, Busari J, Carraccio C, Damodaran A, Gruppen LD, Hall AK, Kinnear B, Warm E, ten Cate O. Competency-Based Time-Variable Training Internationally: Ensuring Practical Next Steps. *Medical Teacher* 2021;43(7):810-816
- Thoma B, Hall AK, Clark K, Meshkat N, Cheung WJ, Desaulniers P, Ffrench C, Meiwald A, Meyers C, Patocka C, Beatty L, Chan TM. Evaluation of a National Competency-Based Assessment System in Emergency Medicine: A CanDREAM Study. *J Grad Med Educ*. 2020 Aug;12(4):425-434. doi: 10.4300/JGME-D-19-00803.1. PMID: 32879682; PMCID: PMC7450748.
- Keeley MG, Gusic ME, Morgan HK, Aagaard EM, Santen SA. Moving Toward Summative Competency Assessment to Individualize the Postclerkship Phase. *Acad Med*. 2019 Dec;94(12):1858-1864.
- Hoff RG, Frenkel J, Imhof SM, Ten Cate O. Flexibility in Postgraduate Medical Training in the Netherlands. *Acad Med*. 2018 Mar;93(3S Competency-Based, Time-Variable Education in the Health Professions):S32-S36.
- Teunissen PW, Kogan JR, ten Cate O, Gruppen LD, Lingard LA. Learning in Practice: A Valuation of Context in Time-Variable Medical Training. *Acad Med*. 2018;93(3):S22-26.
- ten Cate O, Gruppen LD, Kogan JR, Lingard LA, Teunissen PW. Time-Variable Training in Medicine: Theoretical Considerations. *Acad Med*. 2018;93(3):S6-11.
- Lucey C, Thibault G, ten Cate O. Competency-Based, Time-Variable Education in the Health Professions: Crossroads. *Acad Med*. 2018;93(3):S1-5
- Kogan JR, Whelan AJ, Gruppen LD, Lingard LA, Teunissen, PW, ten Cate O. What Regulatory Requirements and Existing Structures Must Change If Competency-Based, Time-Variable Training Is Introduced Into the Continuum of Medical Education in the United States ? *Acad Med*. 2018;93(3):S27-31.
- Gruppen LD, ten Cate O, Lingard L, Teunissen PW, Kogan JR. Enhanced Requirements for Assessment in a Competency-Based, Time-Variable Medical Education System. *Acad Med*. 2018;93(3):S17-21.
- Custers E, ten Cate O. Historical aspects of medical education with respect to time and proficiency in Europe and North America. *Acad Med*. 2018;(3):S49-54.

Transitions to clerkship, residency, practice, CPD

- Caretta-Weyer HA, Park YS, Tekian A, Sebok-Syer SS. Identifying emergency medicine program directors' expectations of competence upon entry into residency: Bridging the distance from the Association of American Medical Colleges Core Entrustable Professional Activities. *AEM Educ*

Train. 2025 Mar 11;9(2):e70024. doi: 10.1002/aet2.70024. PMID: 40083335; PMCID: PMC11897532.

- Suneja M, Hanrahan KD, Kreiter C, Rowat J. Psychometric Properties of Entrustable Professional Activity-Based Objective Structured Clinical Examinations During Transition From Undergraduate to Graduate Medical Education: A Generalizability Study. *Acad Med*. 2025 Feb 1;100(2):179-183. doi: 10.1097/ACM.0000000000005719. Epub 2024 Mar 26. PMID: 38534117.
- Chiel LE, Fishman M, Driessen E, Winn AS. Novice Experts: Exploring Fellows' Perspectives on the Transition from Residency to Fellowship. *Perspect Med Educ*. 2025 Feb 14;14(1):66-73. doi: 10.5334/pme.1654. PMID: 39957723; PMCID: PMC11827558.
- Karnik R, Robinson B, Glickstein J, Schwartz A, Mink R, Neal AE, Frank LH, McMahon CJ, Kim ME, Turner DA, Srivastava S. Minimum Supervision Levels Required for Pediatric Cardiology Fellowship Graduation by Pediatric Cardiology Fellowship Program Directors. *Pediatr Cardiol*. 2025 Jan;46(1):181-188. doi: 10.1007/s00246-023-03371-y. Epub 2023 Dec 20. PMID: 38117291.
- Ha EL, Glaeser AM, Wilhalme H, Braddock C. Assessing readiness: the impact of an experiential learning entrustable professional activity-based residency preparatory course. *Med Educ Online*. 2024 Dec 31;29(1):2352217. doi: 10.1080/10872981.2024.2352217. Epub 2024 May 17. PMID: 38758979; PMCID: PMC11104695.
- Branditz LD, Kendle AP, Leung CG, San Miguel CE, Way DP, Panchal AR, Yee J. Bridging the procedures skill gap from medical school to residency: a simulation-based mastery learning curriculum. *Med Educ Online*. 2024 Dec 31;29(1):2412399. doi: 10.1080/10872981.2024.2412399. Epub 2024 Oct 7. PMID: 39370875; PMCID: PMC11459765.
- Donohue K, Davis N, Farber D, Retener N, Dittmar P. An internal medicine residency preparatory curriculum for fourth-year medical students. *Clin Teach*. 2024 Apr;21(2):e13703. doi: 10.1111/tct.13703. Epub 2023 Dec 4. PMID: 38049309.
- Kinston R, Gay S, McKinley RK, Sam S, Yardley S, Lefroy J. How well do UK assistantships equip medical students for graduate practice? Think EPAs. *Adv Health Sci Educ Theory Pract*. 2024 Mar;29(1):173-198. doi: 10.1007/s10459-023-10249-4. Epub 2023 Jun 22. PMID: 37347459; PMCID: PMC10927851.
- Dougherty R, Fornari A, Farina G, Olvet DM. Medical Error Disclosure: An Entrustable Professional Activity During an Objective Standardized Clinical Examination for Clerkship Students. *MedEdPORTAL*. 2024 Feb 20;20:11382. doi: 10.15766/mep_2374-8265.11382. PMID: 38380273; PMCID: PMC10876916.
- Carney PA, Ericson A, Conry C, Martin JC, Douglass AB, Eiff MP. Measuring Clinical Preparedness After Residency Training: Development of a New Instrument. *Fam Med*. 2024 Jan;56(1):16-23. doi: 10.22454/FamMed.2023.973082. Epub 2023 Sep 13. PMID: 37725776; PMCID: PMC10836621.
- ten Cate O, Turner DA, Pusic MV, Schumacher DJ. Entrustable professional activities and transitions across the continuum of training and practice. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 183–93.
- Cooley J, Frederick KD, Larson S. Promoting continuing professional development (CPD) through a novel CPD advanced pharmacy practice experience. *Curr Pharm Teach Learn*. 2023 Jan;15(1):85-90.
- Prescott-Clements L, Soreskog-Turp J, Crawford B, Williams K. The Development and Implementation of a National Veterinary Graduate Development Programme (VetGDP) to Support Veterinarians Entering the UK Workforce. *J Vet Med Educ*. 2022 Dec 20:e20220112. doi: 10.3138/jvme-2022-0112. Epub ahead of print.
- Thomson B, O'Halloran H, Wu L, Gauthier S, Taylor D. Transition to practice curriculum for general internal medicine physicians: scoping review and Canadian national survey. *BMC Med Educ*. 2022 Aug 9;22(1):609. doi: 10.1186/s12909-022-03673-4.

- ten Cate O. How can Entrustable Professional Activities serve the quality of health care provision through licensing and certification? *Can Med Educ J*. 2022 Aug 26;13(4):8-14.
- Ten Cate O, Favier RP. Approaching Training-Practice Gaps After the Transition: A Practice Proposal for Supervision After Training. *Front Med (Lausanne)*. 2022 May 6;9:881274. doi: 10.3389/fmed.2022.881274. PMID: 35602504; PMCID: PMC9120653.
- O'Connor P, Lydon S, Mongan O, Byrne D. Longitudinal survey of self-reported level of entrustment across the first year of clinical practice. *HRB Open Res*. 2022 Jan 20;5:9. doi: 10.12688/hrbopenres.13487.1. PMID: 35465129; PMCID: PMC9005985.
- Scheurer JM, Davey C, Pereira AG, Olson APJ. Building a Shared Mental Model of Competence Across the Continuum: Trainee Perceptions of Subinternships for Residency Preparation. *J Med Educ Curric Dev*. 2021 Dec 20;8:23821205211063350. doi: 10.1177/23821205211063350. PMID: 34988291; PMCID: PMC8721691
- Costich M, Finkel MA, Friedman S, Catallozzi M, Gordon RJ. Transition-to-residency: pilot innovative, online case-based curriculum for medical students preparing for pediatric internships. *Med Educ Online*. 2021 Dec;26(1):1892569. doi: 10.1080/10872981.2021.1892569. PMID: 33618622; PMCID: PMC7906614.
- Ryan MS, Iobst W, Holmboe ES, Santen SA. Competency-based medical education across the continuum: How well aligned are medical school EPAs to residency milestones? *Med Teach*. 2021 Nov 22:1-9. doi: 10.1080/0142159X.2021.2004303. Epub ahead of print. PMID: 34807793.
- Turner DA, Schwartz A, Carraccio C, Herman B, Weiss P, Baffa JM, Chess P, Curran M, Dammann C, High P, Hsu D, Pitts S, Sauer C, Aye T, Fussell J, Kesselheim J, Mahan J, McGann K, Myers A, Mink R; Subspecialty Pediatrics Investigator Network (SPIN). Continued Supervision for the Common Pediatric Subspecialty Entrustable Professional Activities May Be Needed Following Fellowship Graduation. *Acad Med*. 2021 Jul 1;96(7S):S22-S28. doi:10.1097/ACM.0000000000004091. PMID: 34183598
- Kouzmina E, Mann S, Chaplin T, Zevin B. An Evaluation of the Surgical Foundations Curriculum: A National Study. *J Surg Educ*. 2021 May- Jun;78(3):914-926. doi: 10.1016/j.jsurg.2020.10.002. Epub 2020 Oct 24. PMID: 33109493.
- Rodgers V, Tripathi J, Lockeman K, Helou M, Lee C, Ryan MS. Implementation of a Workplace-Based Assessment System to Measure Performance of the Core Entrustable Professional Activities in the Pediatric Clerkship. *Acad Pediatr*. 2021 Apr;21(3):564-568.
- Cavalcanti M, Fernandes AK, McCallister JW, Heacock A, Schaffernocker T, Davis JA, Kman NE. Post-Clerkship Curricular Reform: Specialty-Specific Tracks and Entrustable Professional Activities to Guide the Transition to Residency. *Med Sci Educ*. 2021 Mar 3;31(2):1-11.
- Marty A, Frick S, Bruderer Enzler H, Zundel S. An analysis of core EPAs reveals a gap between curricular expectations and medical school graduates' self-perceived level of competence. *BMC Med Educ*. 2021 Feb 16;21(1):105. doi: 10.1186/s12909-021-02534-w.
- LaFemina J, Ahuja V, Alseidi A, Balters M, Brasel K, Clark C 3rd, Delman KA, Farley D, Lindeman B, Relles D, Shabahang M, Sohn V, Harrington D. APDS Consensus Statement: Ideal Senior Medical Student Experiences for Preparedness for General Surgery Internship. *J Surg Educ*. 2021 Jan-Feb;78(1):69-75. doi: 10.1016/j.jsurg.2020.07.015. Epub 2020 Jul 28. PMID: 32737002.
- Holzhausen Y, Maaz A, Roa-Romero Y, Peters H. What can we expect from medical graduates? Empirical survey on the performance of Core EPAs in the first days of residency. *BMC Med Educ*. 2020 Nov 23;20(1):452. doi: 10.1186/s12909-020-02376-y. PMID: 33228704; PMCID: PMC7685603.
- Sevey N, Barratt M, Omoruyi E. Can incoming United States pediatric interns be entrusted with the essential communication skills of informed consent? *J Educ Eval Health Prof*. 2020;17:18. doi: 10.3352/jeehp.2020.17.18. Epub 2020 Jun 29. PMID: 32602671;
- Austin JP, Baskerville M, Bumsted T, Haedinger L, Nonas S, Pohoata E, Rogers M, Spickerman M, Thuillier P, Mitchell SH. Development and evaluation of a simulation-based transition to

clerkship course. *Perspect Med Educ*. 2020 May 26. doi: 10.1007/s40037-020-00590-4. Epub ahead of print. PMID: 32458381.

- Duijn C, Bok H, Ten Cate O, Kremer W. Qualified but not yet fully competent: perceptions of recent veterinary graduates on their day-one skills. *Vet Rec*. 2020 Feb 22;186(7):216.
- Evans DB, Henschen BL, Poncelet AN, Wilkerson L, Ogur B. Continuity in Undergraduate Medical Education: Mission Not Accomplished. *J Gen Intern Med*. 2019 Oct;34(10):2254-2259.
- Yu HY, Everett EN, Baecher-Lind L, Hampton BS. Feasibility of a Regional Approach to an Obstetrics and Gynecology Transition to Residency Course. *R I Med J* (2013). 2019 Sep 3;102(7):51-55
- ten Cate O, Carraccio C. Envisioning a true continuum of competency-based medical education, training and practice. *Acad Med*. 2019 Sep;94(9):1283-1288.
- Sklar DP. Creating a Medical Education Continuum With Competencies and Entrustable Professional Activities. *Acad Med*. 2019 Sep;94(9):1257-1260.
- Murray KE, Lane JL, Carraccio C, Glasgow T, Long M, West DC, O'Connor M, Hobday P, Schwartz A, Englander R; Education in Pediatrics Across the Continuum (EPAC) Study Group. Crossing the Gap: Using Competency-Based Assessment to Determine Whether Learners Are Ready for the Undergraduate-to-Graduate Transition. *Acad Med*. 2019;94(3):338-345
- Omoruyi EA, Guardioli A, Barratt MS. Are incoming pediatric interns ready to obtain the essential components of an informed consent for lumbar puncture? *Acad Pediatr*. 2018 Nov 23. pii: S1876-2859(18)30758-7. doi:
- Jonker G, Booij E, Otte WR, Vlijm CM, ten Cate O, Hoff RG. An elective entrustable professional activity-based thematic final medical school year: an appreciative inquiry study among students, graduates, and supervisors. *Adv Med Educ Pract*. 2018 Nov 15;9:837-845
- Smith HL, Craig SR, Yost WJ. Examination of Entering Residents' Self-Reported Confidence and Supervision Needs Performing AAMC Entrustable Professional Activities. *J Grad Med Educ*. 2018 Aug;10(4):474.
- Khalife R, Gonsalves C, Code C, Halman S. Transitioning towards senior medical resident: identification of the required competencies using consensus methodology. *Can Med Educ J*. 2018 Jul 27;9(3):e64-e75.
- Jonker G, Hoff RG, Max S, Kalkman CJ, Ten Cate O. Connecting undergraduate and postgraduate medical education through an elective EPA-based transitional year in acute care: an early project report. *GMS J Med Educ*. 2017 Nov 15;34(5):Doc64.
- Fürstenberg S, Harendza S. Differences between medical student and faculty perceptions of the competencies needed for the first year of residency. *BMC Med Educ*. 2017 Nov 9;17(1):198.
- Pearlman RE, Pawelczak M, Yacht AC, Akbar S, Farina GA. Program Director Perceptions of Proficiency in the Core Entrustable Professional Activities. *J Grad Med Educ*. 2017 Oct;9(5):588-592
- Guralnick S, Yedowitz-Freeman J. Core Entrustable Professional Activities for Entry Into Residency: Curricular Gap or Unrealistic Expectations? *J Grad Med Educ*. 2017 Oct;9(5):593-594
- Bruce AN, Kumar A, Malekzadeh S. Procedural Skills of the Entrustable Professional Activities: Are Graduating US Medical Students Prepared to Perform Procedures in Residency? *J Surg Educ*. 2017 Jul - Aug;74(4):589-595
- Angus SV, Vu TR, Willett LL, Call S, Halvorsen AJ, Chaudhry S. Internal Medicine Residency Program Directors' Views of the Core Entrustable Professional Activities for Entering Residency: An Opportunity to Enhance Communication of Competency Along the Continuum. *Acad Med*. 2017 Jun;92(6):785-791.
- Lamba S, Wilson B, Natal B, Nagurka R, Anana M, Sule H. A suggested emergency medicine boot camp curriculum for medical students based on the mapping of Core Entrustable Professional Activities to Emergency Medicine Level 1 milestones. *Adv Med Educ Pract*. 2016 Mar 1;7:115-24

- Lindeman BM, Sacks BC, Lipsett PA. Graduating Students' and Surgery Program Directors' Views of the Association of American Medical Colleges Core Entrustable Professional Activities for Entering Residency: Where are the Gaps? *J Surg Educ.* 2015 Nov-Dec;72(6):e184-92
- Touchie C, De Champlain A, Pugh D, Downing S, Bordage G. Supervising incoming first-year residents: faculty expectations versus residents' experiences. *Med Educ.* 2014 Sep;48(9):921-9

Curriculum development; EPA implementation

- Hennis MP, Ladenheim RI, Chen HC, Chou FC, Hamstra SJ, Hennis EK, Marty AP, Romao GS, Yap M, Ten Cate O. Understanding Curriculum Implementation with Entrustable Professional Activities Through the Lens of Normalization Process Theory. *Perspect Med Educ.* 2026 Jun 11;15(1):502-511. doi: 10.5334/pme.2440. PMID: 42292746; PMCID: PMC13262643.
- Lopez E, Manrique MI, Molina MP, Pepe TB, Alberti A, Rojo MR. Elaboración de actividades profesionales a confiar para 39 programas de residencias [Development of entrustable professional activities for 39 residency programs]. *Medicina (B Aires).* 2026;86(1):1-11. Spanish. PMID: 41643073.
- Braund H, Dagnone JD, Hall AK, Dalgarno N, McEwen L, Schultz KW, Szulewski A. Competency based medical education implementation at the institutional level: A cross-discipline comparative program evaluation. *Med Teach.* 2025 Apr;47(4):705-712. doi: 10.1080/0142159X.2024.2362909. Epub 2024 Aug 5. PMID: 39101833.
- Shrivastava SR, Gade S, Vagha S. Overcoming challenges to ensure effective integration of entrustable professional activities in the medical curriculum. *J Educ Health Promot.* 2025 Feb 28;14:72. doi: 10.4103/jehp.jehp_791_24. PMID: 40144184; PMCID: PMC11940053.
- Strand AC, Gingerich A, Daniels VJ. Misbehavior or misalignment? Examining the drift towards bureaucratic box-ticking in Competency-Based Medical Education. *PLoS One.* 2025 Jan 2;20(1):e0313021. doi: 10.1371/journal.pone.0313021. PMID: 39746080; PMCID: PMC11694975.
- Pimentel J, García JC, Romero-Tapia AE, Zuluaga G, Correal C, Cockcroft A, Andersson N. Competency-Based Cultural Safety Training in Medical Education at <i>La Sabana</i> University, Colombia: A Roadmap of Curricular Modernization. *Teach Learn Med.* 2025 Jan-Mar;37(1):127-136. doi: 10.1080/10401334.2023.2246964. Epub 2023 Nov 6. PMID: 37929697
- Klingensmith ME, Minter RM, Fisher K, Berry CD, Cooke DT, Phillips LG, Sidawy AN, Freischlag JA. Goals, Structure, and Financing of Surgical Residency Training: A Subcommittee Report of the Blue Ribbon Committee II. *Ann Surg.* 2025 Jan 1;281(1):21-25. doi: 10.1097/SLA.0000000000006359. Epub 2024 May 24. PMID: 38787521.
- Gielissen KA, Foust A, Weinstein AR, Duca N, Jenkins MO, Kisielewski M, Misra S, Dunne D. How Internal Medicine Clerkship Directors Are Using Entrustable Professional Activities: A National Survey Study. *J Gen Intern Med.* 2025 Jan;40(1):46-53. doi: 10.1007/s11606-024-08991-5. Epub 2024 Aug 15. PMID: 39147939; PMCID: PMC11780069.
- Schwitz F, Brodmann Maeder M, Hennis EK. Competency-based education - the reform of postgraduate medical training in Switzerland. *GMS J Med Educ.* 2024 Nov 16;41(5):Doc62. doi: 10.3205/zma001717. PMID: 39711866; PMCID: PMC11656186.
- Pinilla S, Bauer W, Breckwoldt J, Burkhart CS, Hennis EK, Marty AP, von Wartburg U, Brodmann Maeder M, Huwendiek S. Introducing entrustable professional activities for postgraduate medical training in Switzerland. *GMS J Med Educ.* 2024 Nov 15;41(5):Doc60. doi: 10.3205/zma001715. PMID: 39711863; PMCID: PMC11656180.
- Qayumi K, Masoumian Hosseini ST, Masoumian Hosseini M, Nejat A, Salih M, Azimi M, Forqani S, Akbar B, Farooq G, Shafaq N, Rustampoor H, Oryakhil N, Rahmani M, Noora M, Jallah MN, Naebkhil A, Zhwak ZA, Aziz S, Omar FA, Rahimi AM, Mansuri P, Yaftali S, Sadiq N, Payman J, Arifzai A, Azimee MA, Waqef S, Wisbauer S, Guzmán-Laguna J, Ferreres A. Enhancing medical training in conflict zones and remote areas through innovation: introducing the Canadian Virtual

Medical University Initiative. *EClinicalMedicine*. 2024 Sep 25;76:102854. doi: 10.1016/j.eclinm.2024.102854. PMID: 39391016; PMCID: PMC11466554.

- Stumbar SE, Eliason S, Toonkel R, Amie K, Bonnin R, Gralnik L, Kantor J, Minor S. Next steps for workplace-based assessments of entrustable professional activities. *Clin Teach*. 2024 Aug;21(4):e13739. doi: 10.1111/tct.13739. Epub 2024 Feb 5. PMID: 38311985.
- Simon TA, Owais S, Duarte D, Acai A. Chronicling the Transition to Competency-Based Medical Education in a Small Subspecialty Program. *J Grad Med Educ*. 2024 Jun;16(3):312-317. doi: 10.4300/JGME-D-23-00643.1. Epub 2024 Jun 13. PMID: 38882435; PMCID: PMC11173005.
- Langhan ML, Boyer DL, Hsu D, Moffatt ME, Pitts SA, Atlas MP, Aye T, Chess P, Curran ML, Czaja AS, Dammann CEL, Fussell J, George RP, Herman BE, High P, James SH, Kamin DS, Karnik R, Kesselheim J, Lopez MA, Mahan JD, McFadden V, McGann KA, Mehta JJ, Rama J, Robinson BW, Sauer C, Stafford DEJ, Turner DA, Weiss P, Yussman SM, Schwartz A, Mink R. Implementing Entrustable Professional Activities in Pediatric Fellowships: Facilitating the Process. *Pediatrics*. 2024 Jun 1;153(6):e2023065024. doi: 10.1542/peds.2023-065024. PMID: 38757175.
- Mukurunge E, Nyoni CN, Hugo L. Assessment approaches in undergraduate health professions education: towards the development of feasible assessment approaches for low-resource settings. *BMC Med Educ*. 2024 Mar 20;24(1):318. doi: 10.1186/s12909-024-05264-x. PMID: 38509579; PMCID: PMC10956342.
- Karpinski J, Stewart J, Oswald A, Dalseg TR, Atkinson A, Frank JR. Competency-Based Medical Education at Scale: A Road Map for Transforming National Systems of Postgraduate Medical Education. *Perspect Med Educ*. 2024 Feb 6;13(1):24-32. doi: 10.5334/pme.957. PMID: 38371306; PMCID: PMC10870941.
- Cheung WJ, Bhanji F, Gofton W, Hall AK, Karpinski J, Richardson D, Frank JR, Dudek N. Design and Implementation of a National Program of Assessment Model - Integrating Entrustable Professional Activity Assessments in Canadian Specialist Postgraduate Medical Education. *Perspect Med Educ*. 2024 Feb 6;13(1):44-55. doi: 10.5334/pme.956. PMID: 38343554; PMCID: PMC10854461.
- Nel D, Marty AP, Frick S, Hennus MP, Linsenmeyer M. Addressing practical and conceptual challenges in the implementation of workplace-based assessment. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP. (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. London: Ubiquity Press, 2024 p. 237-248
- Meyer EG, Linsenmeyer M, Holzhausen Y, Yap M, Ryan MS, Chen HC. Use of entrustable professional activities in pre-licensure health professions education. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP. (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. London: Ubiquity Press, 2024 p. 145-156
- Hennus MP, Dagnone JD, Ladenheim RI, Schumacher DJ, Yap M, ten Cate O, et al. Curriculum development for postgraduate training with entrustable professional activities. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 157–74.
- Englander R, Amiel J, Jarrett JB, Chen HC. Considerations in building a curriculum using entrustable professional activities. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP. (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. London: Ubiquity Press, 2024 p. 133-144
- de Raad T, Chou FC, Marty AP, Brydges R. The roles of simulation in EPA-based curricula. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennus MP (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. London: Ubiquity Press, 2024 p. 175-182
- Encandela JA, Shaull L, Jayas A, Amiel JM, Brown DR, Obeso VT, Ryan MS, Andriole DA; Core Entrustable Professional Activities for Entering Residency Pilot. Entrustable professional activities as a training and assessment framework in undergraduate medical education: A case study of a

multi- institutional pilot. *Med Educ Online*. 2023 Dec;28(1):2175405. doi: 10.1080/10872981.2023.2175405. PMID: 36794397; PMCID: PMC9937016.

- Szulewski A, Braund H, Dagnone DJ, McEwen L, Dalgarno N, Schultz KW, Hall AK. The Assessment Burden in Competency-Based Medical Education: How Programs Are Adapting. *Acad Med*. 2023 Nov 1;98(11):1261-1267. doi: 10.1097/ACM.0000000000005305. Epub 2023 Jun 21.
- Singh A, Khan E. Punching above your weight class: How a small pediatric pulmonology fellowship program implemented Kern's model and developed an entrustable professional activities-based program. *Pediatr Pulmonol*. 2023 Nov;58(11):3337-3341. doi: 10.1002/ppul.26581. Epub 2023 Jul 4.
- Ras T, Stander Jenkins L, Lazarus C, van Rensburg JJ, Cooke R, Senkubuge F, N Dlova A, Singaram V, Daitz E, Buch E, Green-Thompson L, Burch V. "We just don't have the resources": Supervisor perspectives on introducing workplace-based assessments into medical specialist training in South Africa. *BMC Med Educ*. 2023 Nov 6;23(1):832. doi: 10.1186/s12909-023-04840-x.
- Paterson QS, Alrimawi H, Sample S, Bouwsema M, Anjum O, Vincent M, Cheung WJ, Hall A, Woods R, Martin LJ, Chan T. Examining enablers and barriers to entrustable professional activity acquisition using the theoretical domains framework: A qualitative framework analysis study. *AEM Educ Train*. 2023 Mar 26;7(2):e10849.
- Shaw RD, Lamb CR, Carroll MC, Wong SL, Rosenkranz KM. Implementation of a Standardized Sub-Intern Curriculum Improves Confidence for those Entering a Surgical Residency. *J Surg Educ*. 2022 Nov-Dec;79(6):1402-1412.
- Keeley MG, Bray MJ, Bradley EB, Peterson CM, Waggoner-Fountain LA, Gusic ME. Fidelity to Best Practices in EPA Implementation: Outcomes Supporting Use of the Core Components Framework From the University of Virginia Entrustable Professional Activity Program. *Acad Med*. 2022 Nov 1;97(11):1637-1642.
- Huth K, Henry D, Fabersunne CC, Coleman CL, Frank B, Schumacher DJ, Shah N. Family-Educator Partnership in the Development of Entrustable Professional Activities in Complex Care. *Acad Med*. 2022 Nov 15. doi: 10.1097/ACM.0000000000005095. Epub ahead of print.
- Bonnie LHA. Entrustable professional activities in longitudinal clinical programmes. *Med Educ*. 2022 Oct;56(10):965-967.
- Bosley ME, Werenski HE, Powell MS, Meredith JW, Randle RW. Inguinal Hernia Repairs on the Chief's Service: A Safe Educational Model in Resident Entrustment. *J Surg Educ*. 2022 Sep-Oct;79(5):1246-1252. doi: 10.1016/j.jsurg.2022.05.010. Epub 2022 May 29.
- Zelewski SK, Basson MD. Design and implementation of a core EPA-based acting internship curriculum. *Med Teach*. 2022 Aug;44(8):922-927.
- de Graaf J, Bolk M, Dijkstra A, van der Horst M, Hoff RG, Ten Cate O. The Implementation of Entrustable Professional Activities in Postgraduate Medical Education in the Netherlands: Rationale, Process, and Current Status. *Acad Med*. 2021 Jul 1;96(7S):S29-S35. doi: 10.1097/ACM.0000000000004110. PMID: 34183599.
- Shrestha S, Shrestha A, Shah JN, Gongal RN. Competency Based Post Graduate Residency Program at Patan Academy of Health Sciences, Nepal. *J Nepal Health Res Counc*. 2021 Apr 23;19(1):189-195. doi: 10.33314/jnhrc.v19i1.3263. PMID: 33934158.
- McMahon CJ, Tretter JT, Redington AN, Bu'Lock F, Zühlke L, Heying R, Mattos S, Krishna Kumar R, Jacobs JP, Windram JD. Medical education and training within congenital cardiology: current global status and future directions in a post COVID-19 world. *Cardiol Young*. 2021 Apr 12:1-13. doi: 10.1017/S1047951121001645. Epub ahead of print. PMID: 33843546; PMCID: PMC8111178.
- Collins E, Stahl C, Schnapp B, Westergaard M, Greenberg J, Jung S, Rosser A, Minter R, Hamedani A, Kraut A. Changing Medical Education When Change Is Hard: Implementing an Interdepartmental Entrustable Professional Activity. *AEM Educ Train*. 2020 Dec 16;5(3):e10561. doi: 10.1002/aet2.10561. PMID: 34124509; PMCID: PMC8171789.

- Arora R, Kazemi G, Hsu T, Levine O, Basi SK, Henning JW, Sussman J, Mukherjee SD. Implementing changes to a residency program curriculum before competency- based medical education: a survey of Canadian medical oncology program directors. *Curr Oncol*. 2020 Dec;27(6):e614-e620
- Hauer KE. Seeking trust in entrustment: shifting from the planning of entrustable professional activities to implementation. *Med Educ*. 2019 Aug;53(8):752-754.
- Ten Cate O, Graafmans L, Posthumus I, Welink L, van Dijk M. The EPA-based Utrecht undergraduate clinical curriculum: Development and implementation. *Med Teach*. 2018 May;40(5):506-513.
- Busing N, Rosenfield J, Rungta K, Raegele M, Warren A, Wright B, Walton M, Oandasan I, Sanfilippo A, Saxena A. Smoothing the Transition Points in Canadian Medical Education. *Acad Med*. 2018 May;93(5):715-721.
- Mejicano GC, Bumsted TN. Describing the Journey and Lessons Learned Implementing a Competency-Based, Time-Variable Undergraduate Medical Education Curriculum. *Acad Med*. 2018 Mar;93(3S Competency-Based, Time-Variable Education in the Health Professions):S42-S48.
- Lomis K, Amiel JM, Ryan MS, Esposito K, Green M, Stagnaro-Green A, Bull J, Mejicano GC; AAMC Core EPAs for Entering Residency Pilot Team. Implementing an Entrustable Professional Activities Framework in Undergraduate Medical Education: Early Lessons From the AAMC Core Entrustable Professional Activities for Entering Residency Pilot. *Acad Med*. 2017 Jun;92(6):765-770
- Wiersma F, Berkvens J, Ten Cate O. Flexibility in individualized, competency-based workplace curricula with EPAs: Analyzing four cohorts of physician assistants in training. *Med Teach*. 2017 May;39(5):535-539

CBME and EPA language (8)

- Chaney KP, Hodgson JL, Banse HE, Danielson JA, Gates MC, Ilkiw JE, Matthew SM, Read EK, Salisbury SK, Taylor RM, Frost JS. The Importance of Adhering to Terminology When Implementing Competency-Based Veterinary Education (CBVE). *J Vet Med Educ*. 2024 Apr;51(2):151-154. doi: 10.3138/jvme-2023-0022. Epub 2023 Aug 31. PMID: 39503386.
- ten Cate O, Warm EJ, Marty AP, Pool IA. Clarifying terminologies related to entrustable professional activities and entrustment decision-making. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 111–20.
- Schumacher DJ, Cate OT, Damodaran A, Richardson D, Hamstra SJ, Ross S, Hodgson J, Touchie C, Molgaard L, Gofton W, Carraccio C; ICBME Collaborators. Clarifying essential terminology in entrustment. *Med Teach*. 2021 Jul;43(7):737-744. doi: 10.1080/0142159X.2021.1924365. Epub 2021 May 14. PMID: 33989100.
- Ten Cate O. When I say ... entrustability. *Med Educ*. 2020 Feb;54(2):103-104.
- Englander R, Frank JR, Carraccio C, Sherbino J, Ross S, Snell L; ICBME Collaborators. Toward a shared language for competency-based medical education. *Med Teach*. 2017 Jun;39(6):582-587
- Tekian A. Are all EPAs really EPAs? *Med Teach* 2016;39(3):232–3
- Ten Cate O. Trusting Graduates to Enter Residency: What Does It Take? *Journal of Graduate Medical Education* 2014;6(1):7-10
- Ten Cate O. Competency-based Education, Entrustable Professional Activities, and the Power of Language. Editorial. *Journal of Graduate Medical Education* 2013;5(1):6-7

Learner perspectives

- Phaneuf JC, Sehlbach C, Gauvin-Morin A, Slimani O, Walsh CM, Heeneman S. When using entrustable professional activities thwarts basic psychological needs: A case study of residents' experience. *Med Teach*. 2026 May 23;1-13. doi: 10.1080/0142159X.2026.2649217. Epub ahead of print. PMID: 42175834.
- Lee R, Dhami N, Gibson W, Hamza DM, Oswald AE, Moffat M. Student Perceptions of Narrative Feedback in Entrustable Professional Activities. *Clin Teach*. 2025 Jun;22(3):e70089. doi: 10.1111/tct.70089. PMID: 40189486; PMCID: PMC11973025
- Smit MP, van der Velden JAEM, Gemke RBB, van Loon KA, de Hoog M. Residents' Experiences of Learning, Working, and Developing in Entrustable Professional Activity-Based Training. *Perspect Med Educ*. 2025 May 8;14(1):255-263. doi: 10.5334/pme.1464. PMID: 40351519; PMCID: PMC12063573.
- Pillai BB, Ip E, James KS, Martin J. Surgical Trainees' Lived Experience of Entrustable Professional Activities: Assessment in the Australasian Context. *ANZ J Surg*. 2025 May 12. doi: 10.1111/ans.70171. Epub ahead of print. PMID: 40353557.
- Thoonen BPA, Scherpbier-de Haan ND, Fluit CRMG, Stalmeijer RE. How Do Trainees Use EPAs to Regulate Their Learning in the Clinical Environment? A Grounded Theory Study. *Perspect Med Educ*. 2024 Sep 5;13(1):431-441. doi: 10.5334/pme.1403. PMID: 39247555; PMCID: PMC11378707.
- Gauthier S, Braund H, Dalgarno N, Taylor D. Assessment-Seeking Strategies: Navigating the Decision to Initiate Workplace-Based Assessment. *Teach Learn Med*. 2024 Aug-Sep;36(4):478-487. doi: 10.1080/10401334.2023.2229803. Epub 2023 Jun 29. PMID: 37384570.
- Williams-Karnesky RL, White E, Holmstrom A, Garcia N, Johnson J, Cook M, Nickel B, Sarosi G, Buyske J, Mellinger J, Greenberg JA. Faculty and Resident Perspectives on the Implementation of Entrustable Professional Activities in General Surgery Residency. *J Surg Educ*. 2024 Jun;81(6):841-849. doi: 10.1016/j.jsurg.2024.03.006. Epub 2024 Apr 25. PMID: 38664173.
- Chopra S, Harley JM, Keuhl A, Bassilious E, Sherbino J, Bilgic E. Understanding Emotions Impacted by New Assessment Mandates Implemented in Medical Education: A Survey of Residents and Faculty Across Multiple Specialties. *Cureus*. 2024 Jun 9;16(6):e62013. doi: 10.7759/cureus.62013. PMID: 38983997; PMCID: PMC11233152.
- Dhami N, Hamza DM, Daniels VJ. Motivations for Entrustable Professional Activity Assessment: Gaps Between Curriculum Theory and Resident Reality. *J Grad Med Educ*. 2024 Apr;16(2):166-174. doi: 10.4300/JGME-D-23-00470.1. Epub 2024 Apr 15. PMID: 38993299; PMCID: PMC11234313.
- Miller F, Wood S, Livingston P. The lived experience of Competence by Design: Canadian resident physicians' perspectives. *Can J Anaesth*. 2024 Feb;71(2):254-263. English. doi: 10.1007/s12630-023-02678-x. Epub 2023 Dec 22. PMID: 38133715.
- Ahn E, LaDonna KA, Landreville JM, Mcheimech R, Cheung WJ. Only as Strong as the Weakest Link: Resident Perspectives on Entrustable Professional Activities and Their Impact on Learning. *J Grad Med Educ*. 2023 Dec;15(6):676-684. doi: 10.4300/JGME-D-23-00204.1. PMID: 38045932; PMCID: PMC10686661.
- Eymann A, Silva C, Soto Pérez AR, Arana B, Franco C, Zapata A, Ladenheim R. Autonomy in entrustable professional activities after the COVID-19 pandemic: the perspectives of residents and teachers. *Arch Argent Pediatr*. 2023 Oct 1;121(5):e202302996. English, Spanish. doi: 10.5546/aap.2023-02996.eng. Epub 2023 Aug 24.
- Chang YC, Khwepeya M, Nkambule NS, Chuang RS, Chaou CH. Emergency residents' self-perceived readiness for practice: the association of milestones, entrustable professional activities, and professional identities-a multi-institutional survey. *Front Med (Lausanne)*. 2023 May 12;10:1032516.

- Stephan A, Cheung G, van der Vleuten C. Entrustable Professional Activities and Learning: The Postgraduate Trainee Perspective. *Acad Psychiatry*. 2023 Apr;47(2):134-142.
- Williamson K, A Milone, S Haines, A Pittenger. Undergraduate Student Perceptions of Pharmacy Entrustable Professional Activities *Innovations in Pharmacy*, 2023
- Kuehl SE, Spicer JO. Using entrustable professional activities to better prepare students for their postgraduate medical training: A medical student's perspective. *Perspect Med Educ*. 2022 Dec;11(6):359-364.
- Thompson JL, MacKay J, Blacklock KB. Veterinary students' views on surgical entrustable professional activities and the impact of COVID-19 on clinical competence development. *Vet Rec*. 2022 Nov;191(9):e1978.
- Murphy Salem S, Chase B, Newman LR, Cohen AP, Cheston C, Huth K. Perspectives on Complex Care Training in a Large Academic Pediatric Training Program. *Acad Pediatr*. 2022 Jul;22(5):867-872.
- Geraghty JR, Ocampo RG, Liang S, Ona Ayala KE, Hiltz K, McKissack H, Hyderi A, Ryan MS; Core Entrustable Professional Activities for Entering Residency Pilot Program. Medical Students' Views on Implementing the Core EPAs: Recommendations from Student Leaders at the Core EPAs Pilot Institutions. *Acad Med*. 2021 Jun-Jul;33(3):270-281.
- Bradley EB, Waselewski EA, Gusic ME. How Do Clerkship Students Use EPA Data? Illuminating Students' Perspectives as Partners in Programs of Assessment. *Med Sci Educ*. 2021 Jun 29;31(4):1419-1428. doi: 10.1007/s40670-021-01327-6. PMID: 34457983; PMCID: PMC8368261.
- Upadhyaya S, Rashid M, Davila-Cervantes A, Oswald A. Exploring resident perceptions of initial competency based medical education implementation. *Can Med Educ J*. 2021 Apr 30;12(2):e42-e56. doi: 10.36834/cmej.70943. PMID: 33995719; PMCID: PMC8105577.
- Ravaccia D, Audinis B. Entrustment decisions and implications for curriculum development and assessments: A medical student perspective. *Med Teach*. 2021 Jan;43(1):119-120. doi: 10.1080/0142159X.2020.1798370. Epub 2020 Jul 29. PMID: 32726165.
- Caro Monroig AM, Chen HC, Carraccio C, Richards BF, Ten Cate O, Balmer DF; and the EPAC Study Group. Medical Students' Perspectives on Entrustment Decision-Making in an EPA Assessment Framework: A Secondary Data Analysis. *Acad Med*. 2020 Nov 24. doi: 10.1097/ACM.0000000000003858. Epub ahead of print. PMID: 33239536.
- Branfield Day L, Miles A, Ginsburg S, Melvin L. Resident Perceptions of Assessment and Feedback in Competency-Based Medical Education: A Focus Group Study of One Internal Medicine Residency Program. *Acad Med*. 2020 Mar 17. doi: 10.1097/ACM.0000000000003315. Epub ahead of print. PMID: 32195692.
- Stowd RE, McBride A, Goforth J, Cristiano J, Hartman N, Waters G, Beardsley J, Johnson JE, Askew K. Educational priorities of students in the entrustable professional activity era. *Clin Teach*. 2017 Aug 30.
- Duijn CCMA, Welink LS, Mandoki M, Ten Cate OTJ, Kremer WDJ, Bok HGJ. Am I ready for it? Students' perceptions of meaningful feedback on entrustable professional activities. *Perspect Med Educ*. 2017 Aug;6(4):256-264

Controversies and discussion

- Millán-Hernández M, Albarrán-Pérez DF. Advancing entrustable professional activities in emergency medicine: A call for Latin American engagement. *AEM Educ Train*. 2025 May 29;9(3):e70050. doi: 10.1002/aet2.70050. PMID: 40453828; PMCID: PMC12122385.
- Baker T, Beks H, Schreve F, Lawson M, Versace VL. Response to "Advancing entrustable professional activities in emergency medicine: A call for Latin American engagement". *AEM Educ Train*. 2025 May 29;9(3):e70049. doi: 10.1002/aet2.70049. PMID: 40453829; PMCID: PMC12122383.

- Schumacher DJ, Kinnear B, Khursigara-Slattery N, Jarrett JB, ten Cate O, Entrustable professional activities: addressing confusions and controversies. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP. (Eds). Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education. Ubiquity Press; 2024. p. 75-84.
- Safavi AH, Sienna J, Strang BK, Hann C. Competency-Based Medical Education in Canadian Radiation Oncology Residency Training: an Institutional Implementation Pilot Study. *J Cancer Educ.* 2023 Feb;38(1):274-284.
- Rassos J, Ginsburg S, Stalmeijer RE, Melvin LJ. The Senior Medical Resident's New Role in Assessment in Internal Medicine. *Acad Med.* 2021 Dec 7.
- Thoma B, Ellaway RH, Chan TM. From Utopia Through Dystopia: Charting a Course for Learning Analytics in Competency-Based Medical Education. *Acad Med.* 2021 Jul 1;96(7S):S89-S95. .
- Kinney DA, Gaiser RR. Entrustable Professional Activities: Base Hit or Homerun? *Anesth Analg.* 2021 Jun 1;132(6):1576-1578.
- Padilla EP, Stahl CC, Jung SA, Rosser AA, Schwartz PB, Aiken T, Acher AW, Abbott DE, Greenberg JA, Minter RM. Gender Differences in Entrustable Professional Activity Evaluations of General Surgery Residents. *Ann Surg.* 2021 Apr 14.
- van Loon KA, Bonnie LHA, van Dijk N, Scheele F. Benefits of EPAs at risk? The influence of the workplace environment on the uptake of EPAs in EPA-based curricula. *Perspect Med Educ.* 2021 Mar 31.
- Prost E. Command economies, graduated responsibility, and Competence-Based Medical Education. *Can Med Educ J.* 2020 Sep 23;11(5):e112-e114. doi: 10.36834/cmej.69772. PMID: 33062103; PMCID: PMC7522883
- Prudhomme N, O'Brien M, McConnell MM, Dudek N, Cheung WJ. Relationship between ratings of performance in the simulated and workplace environments among emergency medicine residents. *CJEM.* 2020 Jun 15:1-8. doi: 10.1017/cem.2020.388. Epub ahead of print. PMID: 32538334.
- Martin L, Sibbald M, Brandt Vegas D, Russell D, Govaerts M. The impact of entrustment assessments on feedback and learning: Trainee perspectives. *Med Educ.* 2020 Apr;54(4):328-336.
- Kovatch KJ, Prince MEP, Sandhu G. Weighing Entrustment Decisions with Patient Care during Residency Training. *Otolaryngol Head Neck Surg.* 2018 Jun;158(6):1024-1027.
- Holmboe ES. Competency-Based Medical Education and the Ghost of Kuhn: Reflections on the Messy and Meaningful Work of Transformation. *Acad Med.* 2018 Mar;93(3):350-353.
- Guralnick S, Yedowitz-Freeman J. Core Entrustable Professional Activities for Entry Into Residency: Curricular Gap or Unrealistic Expectations? *J Grad Med Educ.* 2017 Oct;9(5):593-594.
- Whitehead CR, Kuper A. Faith-based medical education. *Adv Heal Sci Educ. Springer Netherlands;* 2017;22(1):1–3.
- Krupat E. Critical Thoughts About the Core Entrustable Professional Activities in Undergraduate Medical Education. *Acad Med.* 2017;XX(X):1–6.
- Boyd VA, Kuper A, Whitehead CR, Thille P, Ginsburg S, Brydges R. Competency-based medical education: the discourse of infallibility. *Med Educ.* 2017;EarlyOnline.
- Blinman TA. Competency Based Medical Education is Wrong for Surgery. *Open Sci Framew.* 2017;1–11.
- Klamen DL, Williams RG, Roberts N, Cianciolo AT. Competencies, milestones, and EPAs - Are those who ignore the past condemned to repeat it? *Med Teach.* 2016 Sep;38(9):904-10.
- Touchie C, ten Cate O. The promise, perils, problems and progress of competency-based medical education. *Med Educ.* 2016 Jan;50(1):93-100
- Hawkins RE, Welcher CM, Holmboe ES, Kirk LM, Norcini JJ, Simons KB, Skochelak SE. Implementation of competency-based medical education: are we addressing the concerns and challenges? *Med Educ.* 2015 Nov;49(11):1086-102
- Ten Cate, O. The false dichotomy of quality and quantity in the discourse around assessment in competency-based education. *Advances in Health Sciences Education* 2015;20:835-838

- van Loon KA, Driessen EW, Teunissen PW, Scheele F. Experiences with EPAs, potential benefits and pitfalls. *Med Teach*. 2014 Aug;36(8):698-702
- Gilhooly J, Schumacher DJ, West DC, Jones MD. The Promise and Challenge of Entrustable Professional Activities. *Pediatrics*. 2014 May 1;133(Supplement):S78–9.
- Glass JM. Competency based training is a framework for incompetence. *Br Med J*. 2014;348:g2909.
- Mehta NB, Hull AL, Young JB, Stoller JK. Just imagine: new paradigms for medical education. *Acad Med*. 2013 Oct;88(10):1418-23. doi:10.1097/ACM.0b013e3182a36a07. PubMed PMID: 23969368.
- Hodges BD. A tea-steeping or i-Doc model for medical education? *Acad Med*. 2010 Sep;85(9 Suppl):S34-44.
- Brooks MA. Medical education and the tyranny of competency. *Perspect Biol Med*. 2009 Jan;52(1):90–102.
- Grant J. The Incapacitating Effects of Competence: A Critique. *Adv Health Sci Educ Theory Pract*. 1999 Jan;4(3):271–7.

Faculty development and faculty perceptions

- Buyck M, Desaulniers P, Chénier C, Moussa A. Experiential Faculty Development to Increase the Number of Entrustable Professional Activity Assessments. *Clin Teach*. 2025 Feb;22(1):e70006. doi: 10.1111/tct.70006. PMID: 39721718; PMCID: PMC11669488.
- Phung J, Cowley L, Sikora L, Humphrey-Murto S, LaDonna KA, Touchie C, Khalife R. Stakeholder perceptions and experiences of competency-based training with entrustable professional activities (SPECTRE): protocol of a systematic review and thematic synthesis of qualitative research. *BMC Med Educ*. 2024 Dec 27;24(1):1538. doi: 10.1186/s12909-024-06508-6. PMID: 39731124.
- Woods R, Bouwsema M, Cheung WK, Hall A, Chan T, Paterson QS. Eight ways to support faculty with Entrustable Professional Activities. *Can Med Educ J*. 2024 Nov 13;15(5):137-141. doi: 10.36834/cmej.78320. PMID: 39588033; PMCID: PMC11586029.
- Costich M, Friedman S, Robinson V, Catallozzi M. Implementation and faculty perception of outpatient medical student workplace-based assessments. *Clin Teach*. 2024 Aug;21(4):e13751. doi: 10.1111/tct.13751. Epub 2024 Mar 3. PMID: 38433555.
- Faiella W, Navjot S, Ramer S. Competency-Based Cardiology Training: A Simple Approach to Improve Supervisor Completion of Entrustable Professional Activities. *CJC Open*. 2024 Jul 18;6(10):1248-1253. doi: 10.1016/j.cjco.2024.07.007. PMID: 39525337; PMCID: PMC11544276.
- Pålsson P, Cederborg A, Johansson M, Hult HV, Naredi S, Jood K. Clinical supervisors' experience of a first-time application of entrustable professional activities in clinical supervision of medical students: findings from a Swedish pilot study. *BMC Med Educ*. 2024 Mar 15;24(1):297. doi: 10.1186/s12909-024-05211-w. PMID: 38491437; PMCID: PMC10943870.
- Abdel-Nasser A, Abouzeid E, Wasfy NF, Moustafa R, Hallock J, Hosny S. Online training in entrustable professional activities and work place-based assessment (portfolio) for clinical educators. *Med Educ*. 2024 Feb;58(2):269. doi: 10.1111/medu.15275. Epub 2023 Nov 9. PMID: 37945349.
- ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP. Resources to support the development of EPA-based education. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP, editors. *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. Ubiquity Press; 2024. p. 303–14.
- Linsenmeyer M, Hall AK, Chen CY, López, M, Chou FC. Advancing and sustaining excellence in EPA-based curricula. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP. (Eds). *Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education*. London: Ubiquity Press, 2024 p. 2893-301
- Boland J, Chen HC, Chou FC, Fitzpatrick J, Frick S. Faculty development for implementation of an EPA-based program. In: ten Cate O, Burch VC, Chen HC, Chou FC, Hennis MP. (Eds).

Entrustable Professional Activities and Entrustment Decision-Making in Health Professions Education. London: Ubiquity Press, 2024 p. 275-292

- Woods R, Singh S, Thoma B, Patocka C, Cheung W, Monteiro S, Chan TM; QuAL Validation collaborators. Validity evidence for the Quality of Assessment for Learning score: a quality metric for supervisor comments in Competency Based Medical Education. *Can Med Educ J*. 2022 Nov 15;13(6):19-35.
- Kogan JR, Dine CJ, Conforti LN, Holmboe ES. Can Rater Training Improve the Quality and Accuracy of Workplace-Based Assessment Narrative Comments and Entrustment Ratings? A Randomized Controlled Trial. *Acad Med*. 2022 Jul 21. doi: 10.1097/ACM.0000000000004819. Epub ahead of print.
- Fallis D, Irwin S, Cervero R, Durning S. Frameworks to Guide Faculty Development for Health Professions Education: A Scoping Review. *J Contin Educ Health Prof*. 2021 Aug 27. doi: 10.1097/CEH.0000000000000376. Epub ahead of print. PMID: 34459440.
- Bray MJ, Bradley EB, Martindale JR, Gusic ME. Implementing Systematic Faculty Development to Support an EPA-Based Program of Assessment: Strategies, Outcomes, and Lessons Learned. *Teach Learn Med*. 2021 Aug-Sep;33(4):434-444. doi: 10.1080/10401334.2020.1857256. Epub 2020 Dec 17. PMID: 33331171.
- Postmes L, Tammer F, Posthumus I, Wijnen-Meijer M, van der Schaaf M, Ten Cate O. EPA-based assessment: Clinical teachers' challenges when transitioning to a prospective entrustment-supervision scale. *Med Teach*. 2021 Apr;43(4):404-410.
- van Loon KA, Scheele F. Improving Graduate Medical Education Through Faculty Empowerment Instead of Detailed Guidelines. *Acad Med*. 2021 Feb 1;96(2):173-175
- Rivkin A, Rozaklis L, Falbaum S. A Program to Prepare Clinical Pharmacy Faculty Members to Use Entrustable Professional Activities in Experiential Education. *Am J Pharm Educ*. 2020 Sep;84(9):ajpe7897. doi: 10.5688/ajpe7897. PMID: 33012799; PMCID: PMC7523668.
- Lupi CS, Ownby AR, Jokela JA, Cutrer WB, Thompson-Busch AK, Catallozzi M, Noble JM, Amiel JM; Association of American Medical Colleges Core Entrustable Professional Activities for Entering Residency Faculty Development Concept Group. Faculty Development Revisited: A Systems-Based View of Stakeholder Development to Meet the Demands of Entrustable Professional Activity Implementation. *Acad Med*. 2018 Oct;93(10):1472-1479.
- Vos Chair SS, Brown MM, Cardello EA, Dintzner MR, MacKinnon GE 3rd, Maroyka EM, Mbi P, Park SK, Weaver KK, Zeeman JM, Bradley-Baker LR, Plaza CM. The Report of the 2017-2018 Professional Affairs Standing Committee: The Development of the Preceptor Self-Assessment Tool for Entrustable Professional Activities for New Graduates. *Am J Pharm Educ*. 2018 Sep;82(7):7162.
- Favreau MA, Tewksbury L, Lupi C, Cutrer WB, Jokela JA, Yarris LM; AAMC CoreEntrustable Professional Activities for Entering Residency Faculty Development Concept Group. Constructing a Shared Mental Model for Faculty Development for the Core Entrustable Professional Activities for Entering Residency. *Acad Med*. 2017 Jun;92(6):759-764

EPAs and interprofessional education

- van Keulen SG, de Raad T, Raymakers-Janssen P, Ten Cate O, Hennis MP. Exploring Interprofessional Development of Entrustable Professional Activities For Pediatric Intensive Care Fellows: A Proof-of-Concept Study. *Teach Learn Med*. 2024 Apr-May;36(2):154-162. doi: 10.1080/10401334.2023.2200760. Epub 2023 Apr 18. PMID: 37071751.
- Brätz J, Bußenius L, Brätz I, Grahn H, Prediger S, Harendza S. Assessment of final-year medical students' entrustable professional activities after education on an interprofessional training ward: A case-control study. *Perspect Med Educ*. 2022 Oct;11(5):266-272.
- Grande B, Zalunardo MP, Kolbe M. How to train thoracic anesthesia for residents and consultants? *Curr Opin Anaesthesiol*. 2021 Dec 9.

- Scott DM, Kelsch MP, Zhang A, Friesner DL. Appraisal of the entrustable professional activities interprofessional team member domain performed by North Dakota pharmacists. *Pharm Pract (Granada)*. 2021 Jan-Mar;19(1):2179. doi: 10.18549/PharmPract.2021.1.2179. Epub 2021 Feb 9. PMID: 33628346; PMCID: PMC7886316.
- Ten Cate O, Pool IA. The viability of interprofessional entrustable professional activities. *Adv Health Sci Educ Theory Pract*. 2019 Dec 23.
- Mihaljevic AL, Schmidt J, Mitzkat A, Probst P, Kenngott T, Mink J, Fink CA, Ballhausen A, Chen J, Cetin A, Murrmann L, Müller G, Mahler C, Götsch B, Trierweiler-Hauke B. Heidelberger Interprofessionelle Ausbildungsstation (HIPSTA): a practice- and theory-guided approach to development and implementation of Germany's first interprofessional training ward. *GMS J Med Educ*. 2018 Aug 15;35(3):Doc33.
- Wölfel T, Beltermann E, Lottspeich C, Vietz E, Fischer MR, Schmidmaier R. Medical ward round competence in internal medicine - an interview study towards an interprofessional development of an Entrustable Professional Activity (EPA). *BMC Med Educ*. 2016 Jul 11;16:174
- Wagner SJ, Reeves S. Milestones and entrustable professional activities: The key to practically translating competencies for interprofessional education? *J Interprof Care*. 2015;29(5):507-8
- Meade LB, Suddarth KH, Jones RR, Zaas AK, Albanese T, Yamazaki K, O'Malley CW. Patients, Nurses, and Physicians Working Together to Develop a Discharge Entrustable Professional Activity Assessment Tool. *Acad Med*. 2016 Oct;91(10):1388-1391

EPAs for medical disciplines

Anesthesiology

- Krösche J, Becke-Jakob K, Eich C, Fideler F, Kieseewetter I, Leister N, Nemeth M, Schindler E, Schmid S, Schramm C, Röher K, Beck CE. Entwicklung eines Curriculums für ein Fellowship Kinderanästhesiologie in Deutschland [Development of a curriculum for a fellowship in pediatric anesthesiology in Germany]. *Anaesthesiologie*. 2026 Jun 16. German. doi: 10.1007/s00101-026-01704-z. Epub ahead of print. PMID: 42303862.
- Allen R, de Vries I, Murray TMM, Ball N, McGuire N, Mann S, Mizubuti GB, Szasz P, Zevin B. Examining the Quality and Quantity of Verbal Feedback in the Operating Room: A Multi-Specialty Study in a Canadian Context. *J Surg Educ*. 2026 Feb;83(2):103803. doi: 10.1016/j.jsurg.2025.103803. Epub 2025 Dec 16. PMID: 41406702.
- Vasilopoulos T, Fahy BG. Integrating entrustable professional activities (EPAs) into anesthesiology education. *J Clin Anesth*. 2025 Nov;107:112028. doi: 10.1016/j.jclinane.2025.112028. Epub 2025 Oct 7. PMID: 41058333.
- Tessmann T, Marty AP, Stricker D, Huwendiek S, Breckwoldt J. There is no "too small" for frequent workplace-based assessment: Differences between large and small residency programs in anesthesia when using a mobile application to assess EPAs. *GMS J Med Educ*. 2024 Nov 15;41(5):Doc54. doi: 10.3205/zma001709. PMID: 39711857; PMCID: PMC11656171.
- Scudellari A, Bilotta F. Standardisation of training in anaesthesiology in Europe: a survey on the impact of the 2022 European Training Requirements in Anaesthesiology. *Br J Anaesth*. 2024 Nov;133(5):1104-1107. doi: 10.1016/j.bja.2024.07.029. Epub 2024 Sep 25. PMID: 39327152.
- Kröger L, Haus JM, Schulte-Uentrop L, Zöllner C, Moll-Khosrawi P. „WeiterbildungPLUS“: eLogbuch, Entrustable Professional Activities & Co [Postgraduate Training: eLogbook, Entrustable Professional Activities & Co.]. *Anesthesiol Intensivmed Notfallmed Schmerzther*. 2024 Oct;59(10):559-568. German. doi: 10.1055/a-2218-9957. Epub 2024 Oct 11. PMID: 39393392.
- Tanaka P, Soo Park Y, Chen CY, Yumul R, Macario A. Domains Influencing Faculty Decisions on the Level of Supervision Required for Anesthesiology EPAs with Analysis of Feedback Comments. *J Surg Educ*. 2024 May;81(5):741-752. doi: 10.1016/j.jsurg.2024.02.003. Epub 2024 Mar 28. PMID: 38553368.

- Gilchrist PT, Beaton NSM, Atkin JN, Roberts LJ. The new Diploma of Rural Generalist Anaesthesia: Supporting Australian rural and remote communities. *Anaesth Intensive Care*. 2024 Jan;52(1):6-15. doi: 10.1177/0310057X231196909. Epub 2023 Nov 25. PMID: 38006613.
- Tanaka P, Marty A, Park YS, Kakazu C, Udani A, Pardo M, Sullivan K, Sandhu C, Turner J, Mitchell J, Macario A. Defining entrustable professional activities for first year anesthesiology residents: A Delphi study. *J Clin Anesth*. 2023 Sep;88:111116. doi: 10.1016/j.jclinane.2023.111116. Epub 2023 Apr 5.
- Ganzhorn A, Schulte-Uentrop L, Küllmei J, Zöllner C, Moll-Khosrawi P. National consensus on entrustable professional activities for competency-based training in anaesthesiology. *PLoS One*. 2023 Jul 11;18(7):e0288197. doi: 10.1371/journal.pone.0288197.
- Ahmed A, Aman A, Khan S, Khan MF, Ullah H, Ahmed SS, Rehman A, Samad K. Improving Postgraduate Anaesthesiology Training in a Low-Middle Income Country by Embracing the New Trends in Medical Education. *J Coll Physicians Surg Pak*. 2023 Jul;33(7):815-819. doi: 10.29271/jcpsp.2023.07.815.
- Porter S, Prendiville E, Allen BFS, Booth G, Boublik J, Burnett GW, Elkassabany N, Hausman J, Klesius L, Le-Wendling L, Machi AT, Maniker R, Parra M, Rosenquist R, Spofford CM, Suresh S, Tedore T, Wilson EH, Zhou JY, Woodworth G. Development of entrustable professional activities for regional anesthesia and pain medicine fellowship training. *Reg Anesth Pain Med*. 2022 Jul 25:rapm-2022-103854. doi: 10.1136/rapm-2022-103854. Epub ahead of print
- Kaur B, Taylor EM. Development of a pediatric anesthesia fellowship curriculum in Australasia by the Society for Pediatric Anesthesia of New Zealand and Australia (SPANZA) education sub committee. *Paediatr Anaesth*. 2022 Jul 25. doi: 10.1111/pan.14536. Epub ahead of print.
- Burkhart CS, Dell-Kuster S, Touchie C. Who can do this procedure? Using entrustable professional activities to determine curriculum and entrustment in anesthesiology - An international survey. *Med Teach*. 2022 Jun;44(6):672-678. doi: 10.1080/0142159X.2021.2020231. Epub 2022 Jan 12. PMID: 35021934.
- Weissenbacher A, Bolz R, Stehr SN, Hempel G. Development and consensus of entrustable professional activities for final-year medical students in anaesthesiology. *BMC Anesthesiol*. 2022 Apr 29;22(1):128. doi: 10.1186/s12871-022-01668-8. PMID: 35488205; PMCID: PMC9052481.
- Bailey K, West NC, Matava C. Competency-Based Medical Education: Are Canadian Pediatric Anesthesiologists Ready? *Cureus*. 2022 Feb 17;14(2):e22344. doi: 10.7759/cureus.22344. PMID: 35223329; PMCID: PMC8862616.
- Woodworth GE, Marty AP, Tanaka PP, Ambardekar AP, Chen F, Duncan MJ, Fromer IR, Hallman MR, Klesius LL, Ladlie BL, Mitchell SA, Miller Juve AK, McGrath BJ, Shepler JA, Sims C 3rd, Spofford CM, Van Cleve W, Maniker RB. Development and Pilot Testing of Entrustable Professional Activities for US Anesthesiology Residency Training. *Anesth Analg*. 2021 Jun 1;132(6):1579-1591.
- Solymos O, Snyman L, Condon E, Power C, Boland J. Moving beyond the technical skills and promoting professionalism-the experience of the College of Anaesthesiologists of Ireland with incorporating the Medical Council Eight Domains of Good Professional Practice into Entrustable Professional Activities. *Ir J Med Sci*. 2020 Nov;189(4):1379-1389.
- Moll-Khosrawi P, Ganzhorn A, Zöllner C, Schulte-Uentrop L. Development and validation of a postgraduate anaesthesiology core curriculum based on Entrustable Professional Activities: a Delphi study. *GMS J Med Educ*. 2020 Sep 15;37(5):Doc52.
- Marty AP, Schmelzer S, Thomasin RA, Braun J, Zalunardo MP, Spahn DR, Breckwoldt J. Agreement between trainees and supervisors on first-year entrustable professional activities for anaesthesia training. *Br J Anaesth*. 2020 Jul;125(1):98-103.
- Breckwoldt J, Beckers SK, Breuer G, Marty A. [Entrustable professional activities : Promising concept in postgraduate medical education]. *Anaesthesist*. 2018 Jun;67(6):452-457. doi: 10.1007/s00101-018-0420-y. Review. German.

- Savoldelli GL, Van Gessel EF. 'Entrustable professional activities': the way to go for competency-based curriculum? *Eur J Anaesthesiol*. 2016 Aug;33(8):557-8
- Jonker G, Hoff RG, ten Cate O. A case for competency-based anaesthesiology training with entrustable professional activities: an agenda for development and research. *Eur J Anaesthesiol*. 2015 Feb;32(2):71-6.
- Wisman-Zwarter N, van der Schaaf M, Ten Cate O, Jonker G, van Klei WA, Hoff RG. Transforming the learning outcomes of anaesthesiology training into entrustable professional activities: A Delphi study. *Eur J Anaesthesiol*. 2016 Aug;33(8):559-67

Cardiology

- Dolan BM, Adler MD, Park YS, Hufmeyer KK, Mattson CD, McBride ME, Sanguino SM, O'Brien CL. Forging a connection? a single-institution exploratory analysis of undergraduate medical education competency committee determinations and residency milestones. *Acad Med*. 2026 Jun 15;wvag177. doi: 10.1093/acamed/wvag177. Epub ahead of print. PMID: 42296378.
- Kim ME, Neal A, Karnik R, Frank LH, Turner D, McMahon CJ. Entrustable Professional Activity Framework Implementation and Impressions from U.S. and Canadian Pediatric Cardiology Training Programs. *Pediatr Cardiol*. 2026 May 7. doi: 10.1007/s00246-026-04291-3. Epub ahead of print. PMID: 42095913.
- Plummer C, Beeri R, Weidinger F, Linde C, Luescher TF, McDonagh T, Price S, Tanner FC, Westwood M, Michalis L. Post-certification competencies and cardiovascular care delivery. *Eur Heart J*. 2026 Feb 19;ehaf1037. doi: 10.1093/eurheartj/ehaf1037. Epub ahead of print. PMID: 41712366.
- Zhang Y, Liang W, Hu Y, Sun B, Ding S, Xue J, Zheng C. Implementation and Impact of Entrustable Professional Activities (EPAs) in Health Professions Education: A Global Bibliometric Analysis. *Adv Med Educ Pract*. 2026 Jan 31;17:580770. doi: 10.2147/AMEP.S580770. PMID: 41884860; PMCID: PMC13012167.
- Milanesi O, Heying R, Pitkänen-Argillander OM, Voges I, Albert DC, Piccinelli E, Michel-Behnke I, Azukaitis K, Sendzikaite S, McMahon CJ. Training the trainers of paediatric cardiology training programmes in 46 centres from 20 European countries: a cross-sectional observational study. *Cardiol Young*. 2025 Dec;35(12):2469-2479. doi: 10.1017/S1047951125110780. Epub 2026 Jan 14. PMID: 41530900.
- Karnik R, Elder RW. Training pediatric cardiology fellows in the current era of healthcare. *Curr Opin Pediatr*. 2025 Oct 1;37(5):441-446. doi: 10.1097/MOP.0000000000001492. Epub 2025 Aug 1. PMID: 40820904.
- Hussein N, Eid M, Olsthoorn J, Nägele F, Loubani M, Quintana E, Borger M, van Brakel T, Sádaba JR, Clark S, Myers P. The European Association for Cardio- Thoracic Surgery-Core Curriculum for the Cardiac/Cardiovascular Surgeon. *Eur J Cardiothorac Surg*. 2025 Aug 2;67(8):ezaf230. doi: 10.1093/ejcts/ezaf230. PMID: 40632600.
- McMahon CJ, Milanesi O, Pitkänen-Argillander O, Albert-Brotons DC, Michel- Behnke I, Voges I, Sendzikaite S, Heying R. Assessment for learning of paediatric cardiology trainees in 41 centres from 19 European countries. *Cardiol Young*. 2024 Mar;34(3):588-596. doi: 10.1017/S1047951123003098. Epub 2023 Aug 29. PMID: 37641941.

Clinical biochemistry

- Pillay TS, Jafri L, Punchoo R. Formulation of workplace-based assessments (WBAs) and entrustable professional activities (EPAs) for postgraduate medical trainees in clinical biochemistry. *J Clin Pathol*. 2025 Mar 19;78(4):240-250. doi: 10.1136/jcp-2024-209796. PMID: 39667849.
- Govindarajan S, Rajaragupathy S. Empowering Continuing Medical Education (CME) in India: leveraging Kern's instructional design model. *BMC Med Educ*. 2024 Oct 28;24(1):1223. doi: 10.1186/s12909-024-06212-5. PMID: 39468658; PMCID: PMC11520460.

Clinical microbiology

- Perez R, McDonough M, Maziarz E, Wrenn RH, Moehring R. Entrustable professional activities: a roadmap for infectious diseases fellowship training in antibiotic stewardship. *Antimicrob Steward Healthc Epidemiol*. 2026 Jun 23;6(1):e188. doi: 10.1017/ash.2026.10767. PMID: 42375664; PMCID: PMC13312247.
- Rizk MH, Ghoraba N, Elhoshy HS, Hamed O. Development of entrustable professional activities framework for clinical microbiology residency: a national multi-step consensus using modified Delphi study. *BMC Med Educ*. 2025 May 22;25(1):755. doi: 10.1186/s12909-025-07345-x. PMID: 40405134; PMCID: PMC12100941.

Dermatology

- Abdelghani R, Hassab-El-Naby HMM, Hegazy MS, Hamed O. How to develop entrustable professional activities in a training dermatology program; practical tips for dermatology educators. *Arch Dermatol Res*. 2024 Aug 23;316(8):556. doi: 10.1007/s00403-024-03285-6. PMID: 39177703.
- Sigurdsson V, Ten Cate O. Do summative entrustment decisions actually lead to entrustment? *Clin Teach*. 2024 Feb;21(1):e13668. doi: 10.1111/tct.13668. Epub 2023 Oct 10. PMID: 37817015.

Emergency medicine and care

- Yee J, San Miguel CE, Miller KN, Li-Sauerwine S, Emerson G, Mitzman JM, Leung CG, Kaide CG, Ostro BM, Kendle AP, Panchal AR, Santen SA, Jordan KH, Khandelwal S. Preparing Emergency Medicine Residents for the Certifying Exam: A Pilot Study of a Longitudinal Simulation-Based Assessment Program. *AEM Educ Train*. 2026 May 11;10:e70172. doi: 10.1002/aet2.70172. PMID: 42125624; PMCID: PMC13159544.
- Sato T, Lin TC, Wei FC. Reconstructive Microsurgical Training: Global Challenges, Evolving Educational Strategies, and Future Directions. *Semin Plast Surg*. 2026 May 5;40(2):168-176. doi: 10.1055/a-2848-4410. PMID: 42254744; PMCID: PMC13241196.
- Lingard L, Ng K, Panza M, Rassbach C, Dukelow A, Van Hooren T, Caretta-Weyer H, Sebok-Syer SS. Conceptualising and assessing interdependent clinical performances: Early insights from emergency medicine and paediatric faculty. *Med Educ*. 2026 May 15. doi: 10.1111/medu.70225. Epub ahead of print. PMID: 42138565.
- Kamphausen A, Steg J, Bexten T, Kubitz J, Engelen C. Challenges faced by prehospital emergency physicians providing emergency care to pediatric patients : Defining entrustable professional activities by identifying self-perceived competency strengths and deficits in prehospital emergency medicine. *Scand J Trauma Resusc Emerg Med*. 2026 May 30;34(1):98. doi: 10.1186/s13049-026-01637-x. PMID: 42218532; PMCID: PMC13222496.
- Vitto CM, Hobgood S, Ryan M, Lawson L, Garber AM, Pearce J, Moll J, Forrest RM, Bradner M, Karjane N, Santen SA. Navigating challenges in competency-based graduation: accelerating medical training while ensuring rigor and readiness for residency. *Acad Med*. 2026 Apr 20;wv118. doi: 10.1093/acamed/wv118. Epub ahead of print. PMID: 42011159.
- Guo P, Zhao Y, Ying L, Jiang S, Wang L. Effect of Case-Based Learning combined with Flipped Classroom on residents' axillary vein puncture and catheterization ability. *Front Med (Lausanne)*. 2026 Mar 25;13:1747024. doi: 10.3389/fmed.2026.1747024. PMID: 41958581; PMCID: PMC13057516.
- Park KH, Oh YT, Park JO. Entrustable professional activity-aligned workplace-based assessments in the emergency department: perceptions of emergency medicine residents and assessors. *Clin Exp Emerg Med*. 2025 Dec;12(4):391-399. doi: 10.15441/ceem.24.377. Epub 2025 Dec 26. PMID: 41531411; PMCID: PMC12824540.
- Teng D, Venkataraman A, Singer A, Chu S, Cevik AA, Tupesis JP, Hassan T, Kwan J. Entrustable Professional Activities for Emergency Medicine specialists. *Int J Emerg Med*. 2025 Nov 25;18(1):248. doi: 10.1186/s12245-025-01075-z. PMID: 41291421; PMCID: PMC12645698.

- Endres K, Wood TJ, Dudek N, Cheung WJ. Home Field Advantage? Comparing the Quality of EPA Observations Completed On- vs Off-Service. *J Grad Med Educ.* 2025 Aug;17(4):464-469. doi: 10.4300/JGME-D-24-00719.1. Epub 2025 Aug 15. PMID: 40832090; PMCID: PMC12360236.
- Wang YF, Lee YH, Lee YK, Lee CW. Implementation of entrustable professional activities in emergency medicine: perspectives from clinical instructors. *Int J Med Educ.* 2025 Jul 25;16:121-127. doi: 10.5116/ijme.6876.5de2. PMID: 40736272; PMCID: PMC12700663.
- Baker T, Beks H, Schreve F, Lawson M, Versace VL. Entrustable professional activity use in emergency medicine: A scoping review. *AEM Educ Train.* 2025 Apr 9;9(2):e70035. doi: 10.1002/aet2.70035. PMID: 40213385; PMCID: PMC11982635
- Wang L, Zhao Y, Wang P, Qian A, Hong H, Xu S. Application of clinical thinking training system based on entrustable professional activities in emergency teaching. *BMC Med Educ.* 2024 Nov 13;24(1):1294. doi: 10.1186/s12909-024-06302-4. PMID: 39533290; PMCID: PMC11559239.
- Harrison DS, Sigman EJ, Ch'ang JH, Sarwal A, Celotto A, Malone A, Nowicki A, Martin A, Boling B, Nobleza COS, Reeves C, Greer DM, McLaughlin D, Woods EO, Fields E, Perets E, Jannotta GE, Mears J, Twomey K, Rath KA, Peronti K, Garner KM, Bevers MB, Morris NA, Martinez P, Zafar S, Livesay S, Wahlster S, Lawson T, Albin CSW. A Modified Delphi Consensus Approach to Define Entrustable Professional Activities for Neurocritical Care Advanced Practice Providers. *Crit Care Med.* 2024 Jul 1;52(7):1032-1042. doi: 10.1097/CCM.0000000000006260. Epub 2024 Mar 15. PMID: 38488423.
- Schmidbauer ML, Pinilla S, Kunst S, Biesalski AS, Bösel J, Niesen WD, Schramm P, Wartenberg K, Dimitriadis K; IGNITE study group. Fit for Service: Preparing Residents for Neurointensive Care with Entrustable Professional Activities: A Delphi Study. *Neurocrit Care.* 2024 Apr;40(2):645-653. doi: 10.1007/s12028-023-01799-x. Epub 2023 Jul 27. PMID: 37498455; PMCID: PMC10959831.
- Sahi N, Humphrey-Murto S, Brennan EE, O'Brien M, Hall AK. Current use of simulation for EPA assessment in emergency medicine. *CJEM.* 2024 Mar;26(3):179-187. doi: 10.1007/s43678-024-00649-9. Epub 2024 Feb 19. PMID: 38374281.
- Caretta-Weyer HA, Sebok-Syer SS, Morris AM, Schnapp BH, Fant AL, Scott KR, Pirotte M, Gisondi MA, Yarris LM. Better together: A multistakeholder approach to developing specialty-wide entrustable professional activities in emergency medicine. *AEM Educ Train.* 2024 Mar 25;8(2):e10974. doi: 10.1002/aet2.10974. PMID: 38532740; PMCID: PMC10962124.
- Villa S, Caretta-Weyer H, Yarris LM, Clarke SO, Coates WC, Sokol KA, Jurvis A, Papanagnou D, Ahn J, Hillman E, Camejo M, Deiorio N, Fischer KM, Wolff M, Estes M, Dimeo S, Jordan J. Development of entrustable professional activities for emergency medicine medical education fellowships: A modified Delphi study. *AEM Educ Train.* 2024 Feb 21;8(1):e10944. doi: 10.1002/aet2.10944. PMID: 38504805; PMCID: PMC10950010.
- Costello LL, Cho DD, Daniel RC, Dida J, Pritchard J, Pardhan K. Emergency medicine resident perceptions of simulation-based training and assessment in competence by design. *CJEM.* 2023 Oct;25(10):828-835. doi: 10.1007/s43678-023-00577-0. Epub 2023 Sep 4.
- Benhamou D, Mercier FJ, Van de Velde M, Lucas N, Sng BL, Gaiser R. Education in obstetric anesthesiology: an international approach. *Int J Obstet Anesth.* 2023 Aug;55:103896. doi: 10.1016/j.ijoa.2023.103896. Epub 2023 May 9. Pandya A, Patocka C, Huffman J. Simulation for assessment of Entrustable Professional Activities in an emergency medicine residency program. *CJEM.* 2021 Nov 15. doi: 10.1007/s43678-021-00209-5. Epub ahead of print. PMID: 34780048.
- Miller DT, Gibb W, Caretta-Weyer H, Ng K, Sebok-Syer SS, Gisondi MA. Filling the Core EPA 10 assessment void: A framework for individual assessment of Core Entrustable professional activity 10 competencies in medical students. *AEM Educ Train.* 2022 Nov 9;6(6):e10787.
- Heidemann LA, McTaggart S, Monrad SU, Hartley S. Can Incoming Interns Be Entrusted to Recognize Medical Emergencies? Implementation of a Vignette-Based Cross-Cover Assessment. *J Grad Med Educ.* 2022 Aug;14(4):488-492.

- Stoneham EJ, Witt L, Paterson QS, Martin LJ, Thoma B. The development of entrustable professional activities reference cards to support the implementation of Competence by Design in emergency medicine. *CJEM*. 2019 Nov;21(6):803-806.
- Hart D, Franzen D, Beeson M, Bhat R, Kulkarni M, Thibodeau L, Weizberg M, Promes S. Integration of Entrustable Professional Activities with the Milestones for Emergency Medicine Residents. *West J Emerg Med*. 2019 Jan;20(1):35-42.
- Thompson LR, Leung CG, Green B, Lipps J, Schaffernocker T, Ledford C, Davis J, Way DP, Kman NE. Development of an Assessment for Entrustable Professional Activity (EPA) 10: Emergent Patient Management. *West J Emerg Med*. 2017 Jan;18(1):35-42.
- Hsu D, Nypaver M, Fein DM, McAneney C, Santen S, Nagler J, Zuckerbraun N, Roskind CG, Reynolds S, Zaveri P, Stankovic C, House JB, Langhan M, Titus MO, Dahl-Grove D, Klasner AE, Ramirez J, Chang T, Jacobs E, Chapman J, Lumba-Brown A, Thompson T, Mittiga M, Eldridge C, Heffner V, Herman BE, Kennedy C, Madhok M, Kou M. Essentials of PEM Fellowship Part 2: The Profession in Entrustable Professional Activities. *Pediatr Emerg Care*. 2016 Jun;32(6):410-8
- Beeson MS, Warrington S, Bradford-Saffles A, Hart D. Entrustable professional activities: making sense of the emergency medicine milestones. *J Emerg Med*. 2014 Oct;47(4):441-52
- Tiyyagura G, Balmer D, Chaudoin L, Kessler D, Khanna K, Srivastava G, Chang TP, Auerbach M. The greater good: how supervising physicians make entrustment decisions in the pediatric emergency department. *Acad Pediatr*. 2014 Nov-Dec;14(6):597-602

Family medicine and primary care

- Suthiram KT, Naidoo M. A Systematic Review Evaluating the Implementation of Entrustable Professional Activities in Family Medicine Programs. *J Contin Educ Health Prof*. 2026 Jun 10. doi: 10.1097/CEH.0000000000000649. Epub ahead of print. PMID: 42267687.
- Neufeld A, Smith R, Guldner G. From compliance to commitment: supporting autonomous growth in competency-based medical education. *Acad Med*. 2026 Apr 1;101(4):375-380. doi: 10.1093/acamed/wvaf090. PMID: 41778646.
- Cooke R, De Sá A, Jenkins LSP, Kaswa R, Von Pressentin KB. Clinical leadership development: Current practices and future directions for Southern African primary healthcare. *S Afr Fam Pract* (2004). 2026 Feb 27;68(2):e1-e7. doi: 10.4102/safp.v68i2.6294. PMID: 41773400; PMCID: PMC12969484.
- Cullen JV, Alberti H. A question of risk: how do undergraduate GP teachers experience entrustment decision-making in primary care? *Med Educ Online*. 2025 Dec 31;30(1):2479755. doi: 10.1080/10872981.2025.2479755. Epub 2025 Nov 20. PMID: 41263601; PMCID: PMC12636540.
- Vanneste L, Boeckxstaens P, Claeys T, Embo M, Gobeyn H, Smeets HWH, Tsakitzidis G, Van Landschoot L, Pype P. Towards a generic competency framework for all primary care professionals: a qualitative research protocol. *BMC Prim Care*. 2025 Nov 17;26(1):367. doi: 10.1186/s12875-025-03051-1. PMID: 41249963; PMCID: PMC12625772.
- Zemkova Y, Strouse J, Rowat J, Kreiter C, Suneja M. Assessing Intern Confidence in Entrustable Professional Activities at Onset and Conclusion of First Year of Training: A Longitudinal Observational Study. *J Grad Med Educ*. 2025 Oct;17(5):638-642. doi: 10.4300/JGME-D-24-00979.1. Epub 2025 Oct 15. PMID: 41104003; PMCID: PMC12525708.
- Gehrke-Beck S, Holzhausen Y. Entrustment of student supervision to GP trainees - a qualitative interview study of factors influencing entrustment decisions. *BMC Med Educ*. 2025 Sep 12;25(1):1253. doi: 10.1186/s12909-025-07870-9. PMID: 40940659; PMCID: PMC12427109.
- Yueyang C, Li W, Haiyan C. The value of One-Minute Preceptor combined with Flipped Classroom teaching model in clinical teaching of general practice. *BMC Med Educ*. 2025 Aug 25;25(1):1196. doi: 10.1186/s12909-025-07787-3. PMID: 40855434; PMCID: PMC12376334.
- Chrisman-Khawam L, Snyder S, Tyler C, Harley D, Davidson E, Anthes L, Casapulla S. The Transformative Care Continuum: implementing an accelerated pathway that addresses the new

- roles of the family medicine physician. *Med Educ Online*. 2024 Dec 31;29(1):2379629. doi: 10.1080/10872981.2024.2379629. Epub 2024 Oct 1. PMID: 39350696; PMCID: PMC11445926.
- Pillai P, Maamouri A, Temte J. Identifying Community-Based Entrustable Professional Activities for Medical Students Through a Modified Delphi Process. *Fam Med*. 2024 Sep;56(8):501-504. doi: 10.22454/FamMed.2024.818912. Epub 2024 Jul 1. PMID: 39012287; PMCID: PMC11412285.
 - Andreou V, Peters S, Eggermont J, Schoenmakers B. Co-designing Entrustable Professional Activities in General Practitioner's training: a participatory research study. *BMC Med Educ*. 2024 May 17;24(1):549. doi: 10.1186/s12909-024-05530-y. PMID: 38760773; PMCID: PMC11100052.
 - Ringwald BA. Transitioning From AFMRD Entrustable Professional Activities to ABFM Core Outcomes to Measure Clinical Preparedness. *Fam Med*. 2024 Apr;56(4):275. doi: 10.22454/FamMed.2024.649460. Epub 2024 Feb 21. PMID: 38506698; PMCID: PMC11189120.
 - Carney PA, Eiff MP. Authors' Response to "Transitioning From AFMRD Entrustable Professional Activities to ABFM Core Outcomes to Measure Clinical Preparedness". *Fam Med*. 2024 Apr;56(4):276. doi: 10.22454/FamMed.2024.657114. Epub 2024 Feb 21. PMID: 38506696; PMCID: PMC11189123.
 - Andreou V. Advancing postgraduate primary care education: design, implementation, and evaluation of an Entrustable Professional Activities framework in GP training. *Educ Prim Care*. 2024 Jan-Mar;35(1-2):63-64. doi: 10.1080/14739879.2024.2344009. Epub 2024 Apr 24. PMID: 38655745.
 - Mash R, Jenkins L, Naidoo M. Development of entrustable professional activities for family medicine in South Africa. *Afr J Prim Health Care Fam Med*. 2024 Mar 29;16(1):e1-e5. doi: 10.4102/phcfm.v16i1.4483. PMID: 38572863; PMCID: PMC11019106.
 - Fisk D, Clendenning B, St John P, Francois J. Multi-stakeholder validation of entrustable professional activities for a family medicine care of the elderly residency program: A focus group study. *Gerontol Geriatr Educ*. 2024 Jan 2;45(1):12-25. doi: 10.1080/02701960.2022.2130913. Epub 2022 Nov 3. PMID: 36326195.
 - Jenkins LS, Mash R, Motsahi T, Naidoo M, Ras T, Cooke R, Brits H. Developing entrustable professional activities for family medicine training in South Africa. *S Afr Fam Pract* (2004). 2023 Feb 17;65(1):e1-e6.
 - LeBlanc S, MacDonald S, Martin M, Dalgarno N, Schultz K. Development of learning objectives for a medical assistance in dying curriculum for Family Medicine Residency. *BMC Med Educ*. 2022 Mar 11;22(1):167. doi: 10.1186/s12909-022-03204-1. PMID: 35272655; PMCID: PMC8915495.
 - Bonnie LHA, Nasori M, Visser MRM, Kramer AWM, van Dijk N. Feasibility, and validity aspects of Entrustable Professional Activity (EPA)-based assessment in general practice training. *Educ Prim Care*. 2021 Aug 20:1-8. doi: 10.1080/14739879.2021.1951127. Epub ahead of print. PMID: 34415820.
 - Jarrett JB, Antoun J, Hasnain M. Entrustable Professional Activity Utilization: A CERA Study of Family Medicine Residency Program Directors. *Fam Med*. 2019 Jun;51(6):471-476.
 - Bonnie LHA, Visser MRM, Bont J, Kramer AWM, van Dijk N. Trainers' and trainees' expectations of entrustable professional activities (EPAs) in a primary care training programme. *Educ Prim Care*. 2018 Dec 10:1-9.
 - Garvin R, Mazzone M. Entrustable Professional Activities (EPAs): The Next Step. *Ann Fam Med*. 2017 May; 15(3):283
 - Schultz K, Griffiths J. Implementing Competency-Based Medical Education in a Postgraduate Family Medicine Residency Training Program: A Stepwise Approach, Facilitating Factors, and Processes or Steps That Would Have Been Helpful. *AcadMed*. 2016 May;91(5):685-9
 - Walsh K. Entrustable professional activities. *Educ Prim Care*. 2016 Jan;27(1):63-4
 - Schultz K, Griffiths J, Lacasse M. The Application of Entrustable Professional Activities to Inform Competency Decisions in a Family Medicine Residency Program. *Acad Med*. 2015 Jul;90(7):888-97

- Shaughnessy AF, Chang KT, Sparks J, Cohen-Osher M, Gravel J Jr. Assessing and Documenting the Cognitive Performance of Family Medicine Residents Practicing Outpatient Medicine. *J Grad Med Educ.* 2014 Sep;6(3):526-31
- Bhuyan N, Miser WF, Dickson GM, Jarvis JW, Maxwell L, Mazzone M, Mitchell K, Schultz S, Shaffer T, Tuggy M. From family medicine milestones to entrustable professional activities (EPAS). *Ann Fam Med.* 2014 Jul;12(4):380-1
- Shaughnessy AF, Sparks J, Cohen-Osher M, Goodell KH, Sawin GL, Gravel J Jr. Entrustable professional activities in family medicine. *J Grad Med Educ.* 2013 Mar;5(1):112-8.

Gastroenterology

- Shah ED, Dunst CM, Awad MM, Patel A, Jirapinyo P, Knotts RM, Chan WW, Gyawali CP. American Foregut Society Education Committee: Development Of The Advanced Foregut Fellowship Program for Gastroenterology Trainees. *Foregut.* 2026 Apr 3:10.1177/26345161261434388. doi: 10.1177/26345161261434388. Epub ahead of print. PMID: 42005399; PMCID: PMC13089911.
- Ong AM, Hum C. Entrust Me: Embedding Entrustable Professional Activities in a Gastroenterology Residency Program. *Dig Dis Sci.* 2023 Feb;68(2):352-356.
- Cohen BL, Hanauer SB. Executive Summary of 'Development of Entrustable Professional Activities for Advanced Inflammatory Bowel Disease Fellowship Training in the United States'. *Am J Gastroenterol.* 2020 Sep;115(9):1362-1366.
- Cohen BL, Gallinger ZR, Ha C, Holubar SD, Hou JK, Kinnucan J, Mahadevan U, Moss AC, Raffals LE, Regueiro M, Szigethy E, Wolf D, Dubinsky MC, Patel A, Shah BJ, Ehrlich OG, Hanauer SB. Development of Entrustable Professional Activities for Advanced Inflammatory Bowel Disease Fellowship Training in the United States. *Inflamm Bowel Dis.* 2020 Aug 20;26(9):1291-1305.
- Sauer CG, Robson J, Turmelle YP, Cerezo CS, Loomes KM, Huang JS, Quiros-Tejiera RE, Benkov KJ, Narkewicz MR, Leichtner A, Weinstein T. North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition Position Paper on Entrustable Professional Activities: Development of Pediatric Gastroenterology, Hepatology, and Nutrition Entrustable Professional Activities. *J Pediatr Gastroenterol Nutr.* 2020 Jul;71(1):136-143.
- Robson J, Lusman SS, Lee CK, Merves J, Middleton J, Perez ME, Desai NK, Sayej W, Sivagnanam M, Solomon AB, Colombo JM, Rosen JM, Van Buren KW, Brown JB, Turmelle YP, Cerezo CS, Loomes KM, Huang JS, Quiros-Tejiera RE, Benkov K, Leichtner A, Narkewicz MR, Weinstein T, Sauer CG. Pediatric Gastroenterology, Hepatology, and Nutrition Entrustable Professional Activities: Development of an Assessment Tool and Curricular Resources. *J Pediatr Gastroenterol Nutr.* 2020 Jul;71(1):e40-e45.
- Mink R. A Fellow Assessment Tool for The Pediatric Gastroenterology Entrustable Professional Activities: A Great Start! *J Pediatr Gastroenterol Nutr.* 2020 Jul;71(1):4-5.
- Rose S, Fix OK, Shah BJ, Jones TN, Szykowski RD. Entrustable professional activities for gastroenterology fellowship training. *Neurogastroenterol Motil.* 2014 Aug;26(8):1204-14; Hepatology. 2014 Jul;60(1):433-43; Gastroenterology. 2014 Jul;147(1):233-42
- Oversight Working Network, Rose S, Fix OK, Shah BJ, Jones TN, Szykowski RD, Bosworth BP, Bull-Henry K, Coyle W, Gyawali CP, Koteish A, Onken J, Pandolfino J, Pardi D, Reddy G, Richter S, Savides TJ, Sedlack RE; American Association for the Study of Liver Diseases (AASLD); American College of Gastroenterology (ACG); American Gastroenterological Association (AGA); American Neurogastroenterology and Motility Society (ANMS); American Society for Gastrointestinal Endoscopy (ASGE); North American Society for Pediatric Gastroenterology, Hepatology, Nutrition (NASPGHAN); GI Program Directors Caucus. Entrustable professional activities for gastroenterology fellowship training. *Gastrointest Endosc.* 2014 Jul;80(1):16-27

Geriatrics

- Romero Ortuño R, van Iersel M, Nuotio MS, Kolk H, Topinková E, Schoevaerds D, Farré Mercadé MV, Graf C, Cotobal Rodeles S, Vassallo MA, Vassallo M, Lütje D, Macijauskienė J; on behalf of the UEMS Geriatric Medicine Section (UEMS-GMS). European training requirements in geriatric medicine 2025: driving competency- based education and harmonisation across Europe. *Eur Geriatr Med*. 2026 Apr;17(2):417-428. doi: 10.1007/s41999-025-01393-8. Epub 2026 Feb 17. PMID: 41701402; PMCID: PMC13132964.
- Dolatabadi A, Nandan A, Gandell D. Feedback Quality in Geriatric Medicine: Analyzing Entrustable Professional Activities in a Competency-Based Curriculum. *Can Geriatr J*. 2025 Sep 3;28(3):221-227. doi: 10.5770/cgj.28.848. PMID: 40881148; PMCID: PMC12364491.
- Fisk DCP, Clendenning BG, St John PD, Francois J. Multi-Stakeholder Validation of an Entrustable Professional Activities Framework for Canadian Geriatrics Residency Programs. *Can Geriatr J*. 2024 Sep 5;27(3):281-289. doi: 10.5770/cgj.27.728. PMID: 39234279; PMCID: PMC11346625.
- Lerch SP, Pinilla S, Nendaz M, Klöppel S, Huwendiek S. Trainee doctors' preparedness for clinical work in geriatric psychiatry: A survey on 18 preliminary entrustable professional activities. *Int J Geriatr Psychiatry*. 2023 Jun;38(6):e5954.
- Leipzig RM, Sauvigné K, Granville LJ, Harper GM, Kirk LM, Levine SA, Mosqueda L, Parks SM, Fernandez HM, Busby-Whitehead J. What is a geriatrician? American Geriatrics Society and Association of Directors of Geriatric Academic Programs end-of-training entrustable professional activities for geriatricmedicine. *J Am Geriatr Soc*. 2014 May;62(5):924-9. Erratum in: *J Am Geriatr Soc*. 2015 Jan;63(1):209. Busby-Whitehead, Jan [Added]. *J Am Geriatr Soc*. 2015 Jan;63(1):209.

Hematology / oncology / apheresis

- Pardo I, Ferreira JMG, Gutfreund MC, Hsieh MK, Sovero P, Duda Tavares LM, Deliberato RO, Marra VS, Marra PS, Kim MEJ, Guerra GDV, Loeb D, Marra AR, Mendonça EA, Generoso JR Jr. Integrating Entrustable Professional Activities in Simulation-Based Health Care Education: A Systematic Literature Review. *Simul Healthc*. 2026 Jun 18. doi: 10.1097/SIH.0000000000000950. Epub ahead of print. PMID: 42305072.
- Kim JS, Yu S, Mitchell MB, Goss D, Schumacher DJ, Chen JX. The Implementation of Competency-Based Medical Education in Surgical Training: A Scoping Review. *J Surg Educ*. 2026 Jun 26;83(9):104056. doi: 10.1016/j.jsurg.2026.104056. Epub ahead of print. PMID: 42361455.
- Jogerst K, Lillemoe HA. Complex General Surgical Oncology (CGSO) Entrustable Professional Activities: An Opportunity for Mixed-Methods Longitudinal Feedback. *Ann Surg Oncol*. 2026 Jun;33(6):4891-4893. doi: 10.1245/s10434-026-19583-4. Epub 2026 Apr 6. PMID: 41942781.
- Dineen SP, Eng OS. Oversight Organizations in Complex General Surgical Oncology - Potential Impact on Competency Based Education. *Ann Surg Oncol*. 2026 Jun;33(6):4949-4954. doi: 10.1245/s10434-026-19480-w. Epub 2026 Mar 21. PMID: 41865208.
- Zhang H, Li A, Li Y, Nabi F, Dong H, Ma Y. Simulation, artificial intelligence, and competency-based frameworks in veterinary medical education: a narrative review. *J Vet Sci*. 2026 May;27(3):e37. doi: 10.4142/jvs.25194. PMID: 42225608; PMCID: PMC13236464.
- Wagner B, Braunstein S, Brisson R, De Leo A, Garda A, Gunther J, Henson C, Hirsch AE, Holmes J, Katz L, Mattes M, Schuster JM, Price J, Shiue K, Thomas H, Golden DW. EQual Rubric Evaluation of the Radiation Oncology Education Collaborative Study Group Entrustable Professional Activities. *J Cancer Educ*. 2026 Apr 24. doi: 10.1007/s13187-026-02881-6. Epub ahead of print. PMID: 42032436.
- Hui Y, Cui H, Zhang Z, Yan B. Oncology Education Reform in China: Aligning Clinical Training with the New Medical Science Mandate. *J Cancer Educ*. 2026 Apr 28. doi: 10.1007/s13187-026-02878-1. Epub ahead of print. PMID: 42047983.
- Di Lalla V, Alfieri J. Rethinking Competency-Based Medical Education in Radiation Oncology: Early Lessons and Future Directions. *Semin Radiat Oncol*. 2026 Apr;37:151002. doi: 10.1016/j.semradonc.2026.151002. Epub 2026 Feb 27. PMID: 41762920.

- Kim LT, Jaiswal K, Fahy B; CGSO EPA Team. Development of Entrustable Professional Activities for Complex General Surgical Oncology. *Ann Surg Oncol*. 2026 Mar;33(3):2356-2362. doi: 10.1245/s10434-025-18634-6. Epub 2025 Nov 5. PMID: 41193824.
- Kim LT, Jaiswal K, Fahy B; CGSO EPA team. ASO Visual Abstract: Development of Entrustable Professional Activities for Complex General Surgical Oncology. *Ann Surg Oncol*. 2026 Mar;33(3):2375. doi: 10.1245/s10434-025-18839-9. PMID: 41390550.
- Li M, Fan ZJ, Ehsan M, Giuliani M, Watson G. Assessing Oncology Content in the Canadian Internal Medicine Competence by Design Residency Curriculum. *J Cancer Educ*. 2025 Nov 5. doi: 10.1007/s13187-025-02767-z. Epub ahead of print. PMID: 41191316.
- Rehman J, Shaikh MS, Hasan M, Brohi S, Moiz B. Developing Entrustable Professional Activities for Hematology Residency Program in a Low-Resource Setting: A Modified Delphi Study. *J Adv Med Educ Prof*. 2025 Oct 1;13(4):322-333. doi: 10.30476/jamp.2025.106370.2155. PMID: 41215993; PMCID: PMC12596414.
- Brunnquell CL, Al-Hallaq HA, Brown DW, Burmeister JW, Hendrickson KRG, Vetter JR, Padilla L. AAPM WGEPA Report 437: An introduction to entrustable professional activities for medical physics residency education. *J Appl Clin Med Phys*. 2025 Oct;26(10):e70198. doi: 10.1002/acm2.70198. PMID: 41094349; PMCID: PMC12527643.
- Tian H, Xu L, Xi J, Yin J, Dai H, Wang Y, Chen J, Li C, Zhu Y, Wang H, Zhou M, Long Y, Song X, Yang L, Qi J, Zhou J, Xue S. Developing a Framework of Entrustable Professional Activities for Residency Training in Hematology. *Adv Med Educ Pract*. 2025 Sep 10;16:1651-1663. doi: 10.2147/AMEP.S541605. PMID: 40955302; PMCID: PMC12433655.
- Pagano MB, Trembl A, Stephens LD, Joshi S, Li Y, Lopez-Plaza I, Poyyappakkam S, Schwartz J, Tanhehco Y, Zantek ND. Entrustable professional activities for apheresis medicine education. *Transfusion*. 2020 Aug 5. doi: 10.1111/trf.15983. Epub ahead of print. PMID: 32757215.
- Ju JY, Wehrli G. The effect of entrustable professional activities on pathology resident confidence in blood banking/transfusion medicine. *Transfusion*. 2020 May;60(5):912-917.
- Shumway NM, Dacus JJ, Lathrop KI, Hernandez EP, Miller M, Karnad AB. Use of Milestones and Development of Entrustable Professional Activities in 2 Hematology/Oncology Training Programs. *J Grad Med Educ*. 2015 Mar;7(1):101-4

Hospice and palliative medicine

- Lemieux L, Nichol K, Rao P, Biondo P, Simon J, Archibald D. Simulation Topics for Palliative Medicine Specialty Training: A Two-Phase Needs Assessment for Curriculum Development. *J Palliat Med*. 2026 Jun;29(6):794-800. doi: 10.1177/10966218261417910. Epub 2026 Feb 4. PMID: 41636768.
- Lyons KA, Ashworth R, Rissman L, Henderson N, Certo M, Palumbo K, Dickerman M, Cohn M, Alladin A, DeCoursey D. Pediatric Palliative Care Subcompetencies for Pediatric Critical Care Medicine Fellowship Trainees. *Pediatr Crit Care Med*. 2025 Aug 1;26(8):e1063-e1069. doi: 10.1097/PCC.0000000000003773. Epub 2025 Jun 16. PMID: 40522004.
- Kawaguchi S, Myers J, Li M, Kurahashi AM, Sirianni G, Siemens I. Entrustable Professional Activities in Palliative Medicine: A Faculty and Learner Development Activity. *J Palliat Med*. 2024 Aug;27(8):1055-1059. doi: 10.1089/jpm.2023.0682. Epub 2024 Jul 15. PMID: 39007218.
- Lockman K, Lowry MF, DiScala S, Lovell AG, Uritsky TJ, Kematick BS, Schmidt M, Wetshtein AM, Scullion B, Herndon CM, Atayee RS. Development of Entrustable Professional Activities for Specialist Hospice and Palliative Care Pharmacists. *J Pain Symptom Manage*. 2022 Jul;64(1):37-48.
- Downar J, Green S, Radhakrishnan A, Wales J, Kim G, Seccareccia D, Wiebe K, Myers J, Kawaguchi S. An entrustable professional activity descriptor for medical aid in dying: a mixed-methods study. *CMAJ Open*. 2018 Dec 21;6(4):E657-E663. doi: 10.9778/cmajo.20180104. Print 2018 Oct-Dec. PubMed PMID: 30578274; PubMed Central PMCID: PMC6303181.

- Landzaat LH, Barnett MD, Buckholz GT, Gustin JL, Hwang JM, Levine SK, OkonTR, Radwany SM, Yang HB, Encandela J, Morrison LJ. Development of Entrustable Professional Activities for Hospice and Palliative Medicine Fellowship Training in the United States. *J Pain Symptom Manage*. 2017 Oct;54(4):609-616.e1
- Myers J, Krueger P, Webster F, Downar J, Herx L, Jeney C, Oneschuk D, Schroder C, Sirianni G, Seccareccia D, Tucker T, Taniguchi A. Development and Validation of a Set of Palliative Medicine Entrustable Professional Activities: Findings from a Mixed Methods Study. *J Palliat Med*. 2015 Aug;18(8):682-90

Internal medicine

- Schumacher DJ, Kinnear B, Feeney C, Williams R, Donohue KE, Chea K, Stehouwer N, Tolentino J, Contarino M, Bruti C, Michelson C, Winn A, Turner DA, Schwartz A; APPD LEARN Crosswalk Study Team. Investigating a Model to Predict Milestones From Entrustable Professional Activity Levels for Medicine-Pediatrics Residents. *Acad Pediatr*. 2026 Jun 26:103367. doi: 10.1016/j.acap.2026.103367. Epub ahead of print. PMID: 42362182.
- Orr A, Ferris A, Vu TR, Fitz M, Adams W, Readlynn J, Anderson I, Pahwa A, Garber A. Implementation and Use of Entrustable Professional Activities in the Internal Medicine Acting Internship. *J Gen Intern Med*. 2026 Mar 18. doi: 10.1007/s11606-026-10352-3. Epub ahead of print. PMID: 41849065.
- Alrehaily A, Alomair AM, Kattan T, Alrumaihi N, Carrick FR. Educational activities as a pathway to postgraduate standardization: a qualitative study. *BMC Med Educ*. 2026 Mar 5;26(1):605. doi: 10.1186/s12909-026-08922-4. PMID: 41782004; PMCID: PMC13077902.
- Wu AS, Kim VS, Melvin L, Ginsburg S. Exploring the Effects of Timing on Resident Experiences With EPA-Based Feedback and Assessment. *Acad Med*. 2026 Jan 29:wwag022. doi: 10.1093/acamed/wwag022. Epub ahead of print. PMID: 41612145.
- McNicholas WT, Arnardottir ES, Vyazovskiy VV, Pevernagie D, Penzel T, Peigneux P, Grote L, Van Der Werf Y, de Jongh F, Schmidt M, Adamantidis M, Sekaran S, Biller AM, Knobl B, Luppi PH, Bassetti CL, Paunio T. The future of education in sleep science and medicine in Europe: Report of an ESRS workshop. *J Sleep Res*. 2025 Oct;34(5):e14454. doi: 10.1111/jsr.14454. Epub 2025 Feb 4. PMID: 39905699.
- de Laat JM, van der Horst-Schrivers ANA, Appelman-Dijkstra NM, Bisschop PH, Dreijerink KMA, Drent ML, van de Klauw MM, de Ranitz WL, Stades AME, Stikkelbroeck NMML, Timmers HJLM, Ten Cate O. Assessment of Entrustable Professional Activities Among Dutch Endocrine Supervisors. *J CME*. 2024 May 31;13(1):2360137. doi: 10.1080/28338073.2024.2360137. PMID: 38831939; PMCID: PMC11146265.
- Rajaragupathy S, Govindarajan S, Ganesan J, Subramanian K, Doraiswamy V, Balasubramaniam G, Andra Suryanarayana MS, Veeruswamy A. Identifying entrustable professional activities for MD program in biochemistry-A modified Delphi approach. *Biochem Mol Biol Educ*. 2023 May 6. doi: 10.1002/bmb.21736. Epub ahead of print.
- Valding B, Monti M, Junod Perron N, Frick S, Jaques C, Nendaz M, Gachoud D. Entrustable professional activities for residency in general internal medicine: a systematic review. *Swiss Med Wkly*. 2022 Nov 4;152:40002. doi: 10.57187/smw.2022.40002. PMID: 36473152.
- Rinaldi I, Findyartini A, Widaty S, Hasan I. Identification and Validation of Entrustable Professional Activities in Indonesian Internal Medicine Residency Programs. *Acta Med Indones*. 2022 Jan;54(1):79-96. PMID: 35398829.
- Soran C, Laponis R, Summerville S, Thompson V, Eastburn A, O'Sullivan P, Julian KA. Identifying Entrustable Professional Activities for Internal Medicine Residents in Ambulatory Continuity Practice. *J Gen Intern Med*. 2020 Jun;35(6):1917-1919.
- Quraishi S, Wade W, Black D. Development of a GMC aligned curriculum for internal medicine including a qualitative study of the acceptability of 'capabilities in practice' as a curriculum model. *Future Healthc J*. 2019 Oct;6(3):196-203.

- Pinsk M, Karpinski J, Carlisle E. Introduction of Competence by Design to Canadian Nephrology Postgraduate Training. *Can J Kidney Health Dis.* 2018 Jul 17;5:2054358118786972. doi: 10.1177/2054358118786972.
- Taylor DR, Park YS, Smith CA, Karpinski J, Coke W, Tekian A. Creating Entrustable Professional Activities to Assess Internal Medicine Residents in Training: A Mixed-Methods Approach. *Ann Intern Med.* 2018 May 15;168(10):724-729.
- Elnicki DM, Aiyer MK, Cannarozzi ML, Carbo A, Chelminski PR, Chheda SG, Chudgar SM, Harrell HE, Hood LC, Horn M, Johl K, Kane GC, McNeill DB, Muntz MD, Pereira AG, Stewart E, Tarantino H, Vu TR. An Entrustable Professional Activity (EPA)-Based Framework to Prepare Fourth-Year Medical Students for Internal Medicine Careers. *J Gen Intern Med.* 2017 Nov;32(11):1255-1260
- Fazio SB, Ledford CH, Aronowitz PB, Chheda SG, Choe JH, Call SA, Gitlin SD, Muntz M, Nixon LJ, Pereira AG, Ragsdale JW, Stewart EA, Hauer KE. Competency-Based Medical Education in the Internal Medicine Clerkship: A Report From the Alliance for Academic Internal Medicine Undergraduate Medical Education Task Force. *Acad Med.* 2017 Sep 14
- Caverzagie KJ, Cooney TG, Hemmer PA, Berkowitz L. The development of entrustable professional activities for internal medicine residency training: a report from the Education Redesign Committee of the Alliance for Academic Internal Medicine. *Acad Med.* 2015 Apr;90(4):479-84
- Hauer KE, Soni K, Cornett P, Kohlwes J, Hollander H, Ranji SR, Ten Cate O, Widera E, Calton B, O'Sullivan PS. Developing entrustable professional activities as the basis for assessment of competence in an internal medicine residency: a feasibility study. *J Gen Intern Med.* 2013 Aug;28(8):1110-4
- Hauer KE, Kohlwes J, Cornett P, Hollander H, Ten Cate O, Ranji SR, Soni K, Iobst W, O'Sullivan P. Identifying entrustable professional activities in internal medicine training. *J Grad Med Educ.* 2013 Mar;5(1):54-9
- Warm EJ, Mathis BR, Held JD, Pai S, Tolentino J, Ashbrook L, Lee CK, Lee D, Wood S, Fichtenbaum CJ, Schauer D, Munyon R, Mueller C. Entrustment and mapping of observable practice activities for resident assessment. *J Gen Intern Med.* 2014 Aug;29(8):1177-82
- Choe JH, Knight CL, Stiling R, Corning K, Lock K, Steinberg KP. Shortening the Miles to the Milestones: Connecting EPA-Based Evaluations to ACGME Milestone Reports for Internal Medicine Residency Programs. *Acad Med.* 2016 Jul;91(7):943-50

Intensive care

- Chainey J, Kuper A, Brydges R. Re-examining claims about competence by design (CBD) implementation success in Canadian postgraduate medical education. *Med Teach.* 2026 Jul;48(7):1269-1274. doi: 10.1080/0142159X.2026.2628089. Epub 2026 Feb 11. PMID: 41670661.
- Stein DM, Hildreth AN, Kaups KL, Agapian JV, Chung CY, Gelbard RB, Gummadi S, Jawa R, Jung HS, Kirsch JM, Robles A, Scott SE, Smith SG, Brasel KJ. Surgical critical care entrustable professional activities: A new era in assessment. *J Trauma Acute Care Surg.* 2026 Jun 1;100(6):982-988. doi: 10.1097/TA.0000000000004867. Epub 2026 May 22. PMID: 41498759.
- Jagannathan A, Sanchez O, Dubrowski A. Shaping the Future: Scaling Entrustable Professional Activities to Nonclinical Simulation Operations Specialist Training. *Simul Healthc.* 2026 Jun 1. doi: 10.1097/SIH.0000000000000945. Epub ahead of print. PMID: 42223328.
- Weaver P, Macauley K, DeRosa C, Conn L, Helms J, Bender J, Hoops J, Mueller K, Sheldon A, Stucker C, Windsor B, Zagray D. From Competency to Entrustment: An Innovative Curricular Model for Physical Therapist Education. *J Phys Ther Educ.* 2026 May 8. doi: 10.1097/JTE.0000000000000480. Epub ahead of print. PMID: 42138305.
- Hennus MP, Pinilla S, Touchie C, van Dam MJ. Implementing entrustable professional activities: Practical lessons and legal considerations from an international interview study. *Med Teach.* 2026 May;48(5):794-802. doi: 10.1080/0142159X.2025.2559917. Epub 2025 Sep 20. PMID: 40975774.
- Baumann GL, Holzhausen Y, Kaminski JJ, Peters H. From professional tasks to contexts: A consensus study on chief complaints as clinical anchors for EPAs for entry into residency. *Med*

Teach. 2026 May;48(5):825-835. doi: 10.1080/0142159X.2025.2596087. Epub 2025 Dec 3. PMID: 41335628.

- Diaconescu A, White E, McLeod MC, Muñoz Wilson DD, Sarosi G, Barry C, Jones A, Minter R, Brasel K, Lindeman B. Resident Satisfaction with Feedback Quantity on Best and Worst Rotations. *J Am Coll Surg*. 2026 Apr 1;242(4):911-919. doi: 10.1097/XCS.0000000000001799. Epub 2026 Mar 26. PMID: 41575449.
- Jasti BR, Fincher TK, Mobley WC, Holladay JW, Klausner EA, Nagel K, Bhalla S, Dutta AK, Brazeau GA, Vadlapatla R. A Didactic Curriculum Toolkit for Pharmaceuticals and Related Disciplines: Recommendations to ACPE Accredited Programs. *Am J Pharm Educ*. 2026 Mar;90(3):101934. doi: 10.1016/j.ajpe.2026.101934. Epub 2026 Jan 29. PMID: 41619905.
- Africa L, Jaffer L, Filies G, Waggle F, Nyati LH, Gamiet S, Nyalungu P. Navigating an interprofessional curriculum: the interprofessional education passport and the quest for an interprofessional identity. *J Interprof Care*. 2026 Mar-Apr;40(2):261-271. doi: 10.1080/13561820.2025.2566106. Epub 2025 Oct 6. PMID: 41047876.
- Löw S, Lichtblau M, Lechartier B, Bridevaux PO, Rassouli F, Marty AP, Onga A, Nemec M. Establishing an Entrustable Professional Activity-Based Curriculum for Postgraduate Respiratory Medicine Training: A National Consensus Process. *Respiration*. 2026 Jan 22:1-13. doi: 10.1159/000549328. Epub ahead of print. PMID: 41569970.
- Harrison DS, Nobleza CO'S, Bevers M, Zafar SF, Ahmed RA, Nowicki A, Woods EO', Peronti K, Perets E, Sigman E, Albin CSW. Education Research: Entrustment and Simulated Performance of Neurocritical Care Advanced Practice Providers. *Neurol Educ*. 2026 Jan 8;5(1):e200284. doi: 10.1212/NE9.0000000000200284. PMID: 41531494; PMCID: PMC12794541.
- Nguyen VQC, Watson SM, Nguyen LF, Tinsley S, Walters SA, Colorado B. Development and Use of Observable Practice Activities in Graduate Medical Education: A 10-Year Experience: Invited Commentary. *Am J Phys Med Rehabil*. 2025 Dec 1;104(12):e174-e177. doi: 10.1097/PHM.0000000000002781. Epub 2025 May 23. PMID: 40907953.
- Hughes W, Westall H, Gale T. Using entrustment-supervision scales in anaesthetic assessments. *Br J Anaesth*. 2025 Dec;135(6):1897-1899. doi: 10.1016/j.bja.2025.08.062. Epub 2025 Oct 13. PMID: 41087301.
- Becker AE, Abend NS, Benedetti GM, Buttram SDW, Chung MG, Erklauer JC, Friess SH, Hong SJ, Huh J, Kirschen MP, LaRovere KL, Lovett ME, Schober ME, Smith KA, Wolfe K, Zurca AD, Topjian AA, Boyer DL; Collaborators. Neurocritical Care Entrustable Professional Activities for Pediatric Critical Care Medicine Education and Professional Development: Standardizing Curriculum, Training, and Assessment. *Pediatr Crit Care Med*. 2025 Nov 1;26(11):e1394-e1402. doi: 10.1097/PCC.0000000000003818. Epub 2025 Sep 9. PMID: 40923857.
- Moschinski-van Treel L, Bosse HM, Körner LM, Steinweg B, Kerth JL. Exploring the Failed Implementation of an Entrustable Professional Activities- Based Curriculum for Pediatric Residency: "It's What We Always Asked For, And Now Nobody Does It." A Qualitative Study. *J Med Educ Curric Dev*. 2025 Sep 4;12:23821205251370214. doi: 10.1177/23821205251370214. PMID: 40919186; PMCID: PMC12411700.
- Pagnall AM, Pesantes JA, Vulakh G, Chung Y, Gooshvar S, Dine CJ. Evaluating the inclusion of lesbian, gay, bisexual, transgender, and queer- related content in graduate medical education: a national survey of program directors. *BMC Med Educ*. 2025 Jul 1;25(1):907. doi: 10.1186/s12909-025-07551-7. PMID: 40598407; PMCID: PMC12211221.
- Foong TW, Tan JKH, Ashokka B, Agrawal R, Lieske B, Bose S, Samarasekera DD, Chen FG. How do we turn surgical residents into safe intensive care unit clinicians? An Entrustable Professional Activities guided framework. *Br J Surg*. 2020 Oct;107(11):e491-e493. doi: 10.1002/bjs.11949. Epub 2020 Aug 13. PMID: 32790188; PMCID: PMC7436388.
- van Bockel EAP, Walstock PA, van Mook WNKA, Arbous MS, Tepaske R, van Hemel TJD, Müller MCA, Delwig H, Tulleken JE. Entrustable professional activities (EPAs) for postgraduate

competency based intensive care medicine training in the Netherlands: The next step towards excellence in intensive care medicine training. *J Crit Care*. 2019 Dec;54:261-267.

Medical genetics

- Hanson-Kahn A, Rowe-Teeter C, Siskind C, Dykzeul N. Proposed use of entrustable professional activities (EPAs) in genetic counseling for clinical training and assessment. *J Genet Couns*. 2024 Feb;33(1):164-167. doi: 10.1002/jgc4.1871. Epub 2024 Feb 14. PMID: 38356180.
- Hagiwara N. Application of active learning modalities to achieve medical genetics competencies and their learning outcome assessments. *Adv Med Educ Pract*. 2017 Dec 14;8:817-829

Neurology

- Patino J, Marsh EB, Ulep R, Xixis K, Kang PB, Salas RME. Entrustable Professional Activities and the Future of Competency Evaluation in Neurology Residency Training. *Neurol Educ*. 2026 Jan 8;5(1):e200290. doi: 10.1212/NE9.0000000000200290. PMID: 41531495; PMCID: PMC12794539.
- Harrison DS, Doherty EM, Meffert CC, Doughty CT, Morgenlander JC; Entrustable Professional Activities for General Neurology APPs (EPAGNA) Study Group. Education Research: Entrustable Professional Activities for General Neurology Advanced Practice Providers: Results of a Modified Delphi Consensus Process. *Neurol Educ*. 2026 Jan 8;5(1):e200292. doi: 10.1212/NE9.0000000000200292. PMID: 41531493; PMCID: PMC12794544.
- Alkhotani AM, Tawakul A, Alharbi LA, Alotaibi ME, Samannodi MS, Alim HM, Khadawardi HA, Almalki F, Imam AA, Dairi MS, Turkistani YA, Bulkhi AA, Zaini R, Almoallim HM. Developing and validating entrustable professional activities for neurology residency training programs in Saudi Arabia: a modified Delphi study. *Front Neurol*. 2025 Dec 2;16:1688620. doi: 10.3389/fneur.2025.1688620. PMID: 41409217; PMCID: PMC12707312.
- Horak H, Englander R, Barratt D, Kraakevik J, Soni M, Tiryaki E; UES subcommittee of the AAN. Entrustable professional activities: A useful concept for neurology education. *Neurology*. 2018 Feb 13;90(7):326-332.

Neurosurgery

- Skulsampaopol J, Ming Y, Cusimano MD. Establishing Competency Assessment Standards for Graduating Neurosurgery, Plastic Surgery, and Orthopedic Surgery Residents in Peripheral Nerve Surgery. *Oper Neurosurg*. 2025 Nov 1;29(5):686-695. doi: 10.1227/ons.0000000000001521. Epub 2025 Mar 5. PMID: 40042278.
- Park K, Kim SD, Choi SW, Kim DH, Park EK, Bae IS, Baek JU, Lee KS, Lee SH, Im SB, Jung Y, Joo SP, Choi MK, Kim BJ, Choi HH, Hur JW. Competency-Based Neurosurgical Residency Training Program in Korea. *J Korean Neurosurg Soc*. 2025 Sep;68(5):501-510. doi: 10.3340/jkns.2024.0056. Epub 2025 Apr 15. PMID: 40230066; PMCID: PMC12415487.
- Cadieux M, Healy M, Petrusa E, Cooke L, Traeger L, Kesselheim JC, Riva-Cambrin J, Phitayakorn R. Implementation of competence by design in Canadian neurosurgery residency programs. *Med Teach*. 2021 Nov 2;1-8. doi: 10.1080/0142159X.2021.1994937. Epub ahead of print. PMID: 34726559.
- Rabski JE, Saha A, Cusimano MD. Setting standards of performance expected in neurosurgery residency: A study on entrustable professional activities in competency-based medical education. *Am J Surg*. 2021 Feb;221(2):388-393. doi: 10.1016/j.amjsurg.2020.12.014. Epub 2020 Dec 8. PMID: 33341234.

Neonatology

- Costa ML, Rego MAS, Rodrigues FC, Pinheiro SS, Deus MO, Moura AS. Validation of entrustable professional activities for use in neonatal care residency programs. *J Pediatr (Rio J)*. 2024 Nov-Dec;100(6):627-632. doi: 10.1016/j.jped.2024.05.003. Epub 2024 Jun 29. PMID: 38955326; PMCID: PMC11662742.

- Johnston L, Sawyer T, Nishisaki A, Whitfill T, Ades A, French H, Glass K, Dadiz R, Bruno C, Levit O, Gangadharan S, Scherzer D, Moussa A, Auerbach M; INSPIRE Research Network. Neonatal Intubation Competency Assessment Tool: Development and Validation. *Acad Pediatr*. 2018 Aug 11. pii: S1876-2859(18)30473-X.
- Parker TA, Guiton G, Jones MD Jr. Choosing entrustable professional activities for neonatology: a Delphi study. *J Perinatol*. 2017 Sep 21. doi:10.1038/jp.2017.144. [Epub ahead of print] PubMed PMID: 28933775.

Nephrology

- Coomes MB, Wrenn SM. Entrustable professional AI? A commentary. *Am J Surg*. 2026 Jun 9:117095. doi: 10.1016/j.amjsurg.2026.117095. Epub ahead of print. PMID: 42288455.
- Lindeman B, Scott-Smith C, Jones A, Sarosi GA Jr, Minter RM, Jung S, Jesneck J, Thanawala R, Mellinger JD, Buyske J, Brasel KJ. Practice Readiness of Chief Residents in a National Sample During the First Year of EPA Assessments. *Ann Surg*. 2025 Oct 1;282(4):601-607. doi: 10.1097/SLA.0000000000006839. Epub 2025 Jul 15. PMID: 40662595.
- Alotaibi ME, Basonbul F, Al Dalbhi S, Alharbi LA, Alkhotani AM, Alim HM, Almalki F, Samannodi MS, Khadawardi HA, Imam AA, Turkistani YA, Tawakul A, Bulkhi AA, Dairi MS, Zaini R, Almoallim HM. Consensus development and validation of entrustable professional activities for nephrology fellowship training in Saudi. *Int J Med Educ*. 2025 May 22;16:92-99. doi: 10.5116/ijme.6819.d7ce. PMID: 40413622.

Obstetrics / gynecology

- Zhang W, Hao Y, Zhang T, Jiao X, Mao Z, Zhang Y, Zhao D, Cui B. Standardized training assessment of residents in obstetrics and gynecology on entrustable professional activities. *BMC Med Educ*. 2025 May 28;25(1):789. doi: 10.1186/s12909-025-06973-7. PMID: 40437518; PMCID: PMC12117792.
- Domínguez Torres LC, Vega Peña NV, Sanabria Quiroga ÁE. Precision surgical education. *Rev Colomb Obstet Ginecol*. 2024 Oct 23;75(3). English, Spanish. doi: 10.18597/rcog.4246. PMID: 39530870.
- Romão GS. The Role of Entrustable Professionals Activities in the Training of Specialists in Gynecology and Obstetrics. *Rev Bras Ginecol Obstet*. 2022 Sep;44(9):819-820. English. doi: 10.1055/s-0042-1755339. Epub 2022 Oct 10.
- Mueller V, Morais M, Lee M, Sherbino J. Implementation of Entrustable Professional Activities assessments in a Canadian obstetrics and gynecology residency program: a mixed methods study. *Can Med Educ J*. 2022 Sep 1;13(5):77-81. doi: 10.36834/cmej.72567.
- Garofalo M, Aggarwal R. Obstetrics and Gynecology Modified Delphi Survey for Entrustable Professional Activities: Quantification of Importance, Benchmark Levels, and Roles in Simulation-based Training and Assessment. *Cureus*. 2018 Jul 25;10(7):e3051. doi: 10.7759/cureus.3051.

Ophthalmology

- Aamir FB, Bartley GB, Sun G, Feldon SE, Culican S, Woreta FA, Green LK. Competency-Based Medical Education in Ophthalmology: Perspectives of Residency Program Directors. *J Surg Educ*. 2026 Jul;83(7):103969. doi: 10.1016/j.jsurg.2026.103969. Epub 2026 May 4. PMID: 42085764.
- Sidiropoulou M. The Current Landscape of Ophthalmology Training in Europe. *Cureus*. 2026 Feb 12;18(2):e103487. doi: 10.7759/cureus.103487. PMID: 41841055; PMCID: PMC12989116.
- Sidiropoulou M. Ophthalmology Training in Greece: Challenges, Realities, and Pathways Toward Modernization. *Cureus*. 2025 Dec 17;17(12):e99474. doi: 10.7759/cureus.99474. PMID: 41552256; PMCID: PMC12810885.
- Dormegny L, Prior Filipe H, Dormegny-Jeanjean LC, Stopa M, Aclimandos W, Asoklis R, Atilla H, Creuzot-Garcher C, Curtin D, Cvenkel B, Flanagan L, Ivekovic R, Kivelä TT, Martinez Costa R, Ní Dhubhghaill S, Priglinger S, Strong B, Sturmer J, Tassignon MJ; Ophthalmology ETR working

group; Maino A, Bourcier T. Is it the right time to promote competency-based European Training Requirements in Ophthalmology? A European Board of Ophthalmology survey. *Acta Ophthalmol.* 2024 Dec 20. doi: 10.1111/aos.17433. Epub ahead of print. PMID: 39704331.

- Paternotte E, Dijksterhuis M, Goverde A, Ezzat H, Scheele F. Comparison of OBGYN postgraduate curricula and assessment methods between Canada and the Netherlands: an auto-ethnographic study. *Front Med (Lausanne).* 2024 Mar 27;11:1363222. doi: 10.3389/fmed.2024.1363222. PMID: 38601119; PMCID: PMC11004340.

Orthopedics

- Watson A, Leroux T, Ogilvie-Harris D, Nousiainen M, Ferguson PC, Murnahan L, Dwyer T. Entrustable Professional Activities in Orthopaedics. *JB JS Open Access.* 2021 Apr 9;6(2):e20.00010.
- Hurwitz SR, James MA. The Challenge of Defining Entrustable Professional Activities in Orthopaedics. *JB JS Open Access.* 2021 Apr 9;6(2):e20.00124. doi: 10.2106/JBJS.OA.20.00124. PMID: 34056506; PMCID: PMC8154407.
- Osborn PM, Dowd TC, Schmitz MR, Lybeck DO. Establishing an Orthopedic Program-Specific, Comprehensive Competency-Based Education Program. *J Surg Res.* 2021 Mar;259:399-406.
- Dougherty PJ. CORR® Curriculum - Orthopaedic Education: Can Adopting Entrustable Professional Activities Improve How We Assess Our Residents? *Clin Orthop Relat Res.* 2019 Aug 20. doi: 10.1097/CORR.0000000000000936. [Epub ahead of print]

Osteopathic medicine

- Guo FC, Chen YT, Hsu WC, Wang PC, Chen M, Chen JW. EMYWAY Workplace-Based Entrustable Professional Activities Assessments in Otolaryngology Residency Training: A Nationwide Experience. *Otolaryngol Head Neck Surg.* 2025 Apr;172(4):1242-1253. doi: 10.1002/ohn.1104. Epub 2024 Dec 31. PMID: 39739526; PMCID: PMC11947863.
- Vos S, Hebeda K, Milota M, Sand M, Drogts J, Grünberg K, Jongsma K. Making Pathologists Ready for the New Artificial Intelligence Era: Changes in Required Competencies. *Mod Pathol.* 2025 Feb;38(2):100657. doi: 10.1016/j.modpat.2024.100657. Epub 2024 Nov 13. PMID: 39542175.
- Jeffus SK, Chen C, Keskin T, Massoll N, Korourian S, Allard F. Entrustable professional activities for cytopathology fellowship. *J Am Soc Cytopathol.* 2025 Jan-Feb;14(1):5-10. doi: 10.1016/j.jasc.2024.10.003. Epub 2024 Oct 24. PMID: 39567307.
- Gama A, Felicelli C, Agarwal I, Bronson T, Choy B, Escobar DJ, Ju JY, LaBoy C, Nayar R, Nezami BG, Nguyen J, Obeidin F, Purdy J, Shanes E, Strickland AL, Blanco LZ Jr, Novo JE. Entrustable professional activities (EPAs) in surgical pathology: implementation experience and longitudinal observations of resident development. *Acad Pathol.* 2024 Oct 24;11(4):100150. doi: 10.1016/j.acpath.2024.100150. PMID: 39512707; PMCID: PMC11541477.
- Carlson ER. Entrustable Professional Activities in Oral and Maxillofacial Surgery Education: A Faculty Development Construct. *J Oral Maxillofac Surg.* 2024 Aug;82(8):1008-1018. doi: 10.1016/j.joms.2024.04.007. Epub 2024 May 1. PMID: 38702042.
- Bryant BH, Anderson SR, Brissette M, Childs JM, Gratzinger D, Johnson K, Powell DE, Zein-Eldin Powell S, Timmons CF, McCloskey CB. Leveraging faculty development to support validation of entrustable professional activities assessment tools in anatomic and clinical pathology training. *Acad Pathol.* 2024 Mar 21;11(2):100111. doi: 10.1016/j.acpath.2024.100111. PMID: 38560424; PMCID: PMC10978475.
- Bryant BH, Anderson SR, Brissette M, Childs JM, Gratzinger D, Johnson K, Powell DE, Zein-Eldin Powell S, Timmons CF, Chute D, Cummings TJ, Furlong MA, Hébert TM, Reeves HM, Rush D, Vitkovski T, McCloskey CB. National pilot of entrustable professional activities in pathology residency training. *Acad Pathol.* 2024 Mar 21;11(2):100110. doi: 10.1016/j.acpath.2024.100110. PMID: 38560425; PMCID: PMC10978478.

- Stanford CM. Entrustable Professional Activities and Oral Implant Care. *Int J Oral Maxillofac Implants*. 2024 Feb 27;39(1):12-13. doi: 10.11607/jomi.2024.1.e. PMID: 38415997.
- Felicelli C, Gama A, Chornenkyy Y, Choy B, Blanco LZ Jr, Novo JE. From principles to practice: Implementation of entrustable professional activities (EPAs) for surgical pathology residency education in a large academic hospital. *Acad Pathol*. 2023 Nov 20;10(4):100097. doi: 10.1016/j.acpath.2023.100097. PMID: 38025045; PMCID: PMC10679497.
- Chen JX, Thorne MC, Galaiya D, Campisi P, Gray ST. Competency-based medical education in the United States: What the otolaryngologist needs to know. *Laryngoscope Investig Otolaryngol*. 2023 Jun 15;8(4):827-831. doi: 10.1002/liv.1095. PMID: 37621294;
- Cotta CV, Ondrejka SL, Nakashima MO, Theil KS. Pathology Residents as Testing Personnel in the Hematology Laboratory. *Arch Pathol Lab Med*. 2022 Jul 1;146(7):894-902.
- Herath JC. Firsthand Experience in Graduating Three Cohorts of Forensic Pathologists Trained With Competency by Design (CBD) Curriculum. *Acad Forensic Pathol*. 2021 Dec;11(4):196-207. doi: 10.1177/19253621211063104. Epub 2021 Nov 30. PMID: 35003451; PMCID: PMC8727842.
- Bryant BH. Feasibility of an Entrustable Professional Activity for Pathology Resident Frozen Section Training. *Acad Pathol*. 2021 Aug 31;8:23742895211041757. doi: 10.1177/23742895211041757. PMID: 34485691; PMCID: PMC8411628.
- Gomes MM, Driman D, Park YS, Wood TJ, Yudkowsky R, Dudek NL. Teaching and assessing intra-operative consultations in competency-based medical education: development of a workplace-based assessment instrument. *Virchows Arch*. 2021 May 8. doi: 10.1007/s00428-021-03113-6. Epub ahead of print.
- White K, Qualtieri J, Courville EL, Beck RC, Alobeid B, Czuchlewski DR, Teruya-Feldstein J, Soma LA, Prakash S, Gratzinger D. Entrustable Professional Activities in Hematopathology Pathology Fellowship Training: Consensus Design and Proposal. *Acad Pathol*. 2021 Feb 17;8:2374289521990823. doi: 10.1177/2374289521990823.
- Datta R, Raghavan D, Anand V, Sabarigirish K, Singh R, Jain A, Tewari V, Negi M. Identifying entrustable professional activities for post-graduation in ENT: What should an ENT specialist be able to do? *Med J Armed Forces India*. 2021 Feb;77(Suppl 1):S168-S172. doi: 10.1016/j.mjafi.2020.12.031. Epub 2021 Feb 2.
- Linsenmeyer M, Wimsatt L, Speicher M, Basehore P, Sexton PS. Status of Entrustable Professional Activities (EPA) Implementation at Colleges of Osteopathic Medicine in the United States and Future Considerations. *J Am Osteopath Assoc*. 2020 Nov 1;120(11):749-760. doi: 10.7556/jaoa.2020.129. PMID: 32946547.
- Reynolds TS, Frothingham C, Carreiro JE, Branda A, Schuenke MD, Tucker KL, Daly F, Willard FH. Report on 7 Years' Experience Implementing an Undergraduate Medical Curriculum for Osteopathic Medical Students Using Entrustable Professional Activities. *J Am Osteopath Assoc*. 2020 Aug 1;120(8):529-539.
- Hawkins J, Heir G, Okeson J, Shaefer J. Entrustable Professional Activities in Postgraduate Orofacial Pain Programs. *J Oral Facial Pain Headache*. 2020 Summer;34(3):255-264.
- Karthikeyan P, Pulimoottil DT. Design and Implementation of Competency Based Postgraduate Medical Education in Otorhinolaryngology: The Pilot Experience in India. *Indian J Otolaryngol Head Neck Surg*. 2019 Oct;71(Suppl 1):671-678.
- Kemp WL, Koponen M, Sens MA. Forensic Autopsy Experience and Core Entrustable Professional Activities: A Structured Introduction to Autopsy Pathology for Preclinical Student. *Acad Pathol*. 2019 Mar 5;6:2374289519831930. doi: 10.1177/2374289519831930. eCollection 2019 Jan-Dec.
- Seals RA. Moving Toward Milestone-Based Assessment in Osteopathic Manipulative Medicine. *J Am Osteopath Assoc*. 2018 Dec 1;118(12):806-811.
- Eduardo Velasco-Mondragon H, Menini T, West C, Clearfield M. Public Health and Interprofessional Education as Critical Components in the Evolution of Osteopathic Medical Education. *J Am Osteopath Assoc*. 2018 Nov 1;118(11):753-763.

- Davis GG, Winters GL, Fyfe BS, Hooper JE, Iezzoni JC, Johnson RL, Markwood PS, Naritoku WY, Nashelsky M, Sampson BA, Steinberg JJ, Stubbs JR, Timmons C, Hoffman RD. Report and Recommendations of the Association of Pathology Chairs' Autopsy Working Group. *Acad Pathol*. 2018 Aug 30;5:2374289518793988. doi: 10.1177/2374289518793988. eCollection 2018 Jan-Dec.
- Sharma P, Tanveer N, Goyal A. A search for entrustable professional activities for the 1(st) year pathology postgraduate trainees. *J Lab Physicians*. 2018 Jan-Mar;10(1):26-30.
- Basehore PM, Mortensen LH, Katsaros E, Linsenmeyer M, McClain EK, Sexton PS, Wadsworth N. Entrustable Professional Activities for Entering Residency: Establishing Common Osteopathic Performance Standards in the Transition From Medical School to Residency. *J Am Osteopath Assoc*. 2017 Nov 1;117(11):712-718
- Weiss J, Pearce M, Pierce-Talsma S, Davis GE. The Case for an Osteopathic Entrustable Professional Activity. *J Am Osteopath Assoc*. 2017 Oct 1;117(10):617-621
- McCloskey CB, Domen RE, Conran RM, Hoffman RD, Post MD, Brissette MD, Gratzinger DA, Raciti PM, Cohen DA, Roberts CA, Rojiani AM, Kong CS, Peterson JEG, Johnson K, Plath S, Powell SZ. Entrustable Professional Activities for Pathology: Recommendations From the College of American Pathologists Graduate Medical Education Committee. *Acad Pathol*. 2017 Jun 27;4:2374289517714283
- Powell DE, Wallschlaeger A. Making sense of the milestones: entrustable professional activities for pathology. *Hum Pathol*. 2017 Apr;62:8-12.

Otorhino-laryngology / oro-facial maxillo specialty

- Castro MAF, Dedivitis RA, de Matos FCM, Kulcsar MAV, Kowalski LP, Vartanian JG, Gama RR, Hojaij FC, Duarte BPF, Silveira PCM. Entrustable Professional Activities for Head and Neck Surgery Residents: A Consensus Model. *J Surg Educ*. 2026 Aug;83(8):103983. doi: 10.1016/j.jsurg.2026.103983. Epub 2026 May 22. PMID: 42172934.
- Siddiqui S, Haider SI, Jameel RA, Zaidi SJA, Nasir S, Fatimah S. Bridging competency gaps: developing entrustable professional activities for undergraduate oral and maxillofacial surgery training. *BMC Med Educ*. 2026 Apr 24;26(1):1002. doi: 10.1186/s12909-026-09259-8. PMID: 42032588; PMCID: PMC13281235.
- Lin CP, Hsu WC, Wang GL, Su HC, Chung HC, Hung SH, Chen M, Chen JW, Wang PC. Factors associated with attainment of ad hoc entrustability among Taiwan otolaryngology resident physicians: a nationwide cross-sectional study. *BMC Med Educ*. 2025 Aug 1;25(1):1135. doi: 10.1186/s12909-025-07679-6. PMID: 40751193; PMCID: PMC12315275.

Pathology

- Aphale P, Dokania S, Shekhar H. Resident autonomy in pathology: bridging gaps between training and practice. *Acad Pathol*. 2026 Mar 13;13(2):100242. doi: 10.1016/j.acpath.2026.100242. PMID: 41859723; PMCID: PMC12996829.
- Xie IY, Done SJ, Truong T. Impact of Entrustable Professional Activities on Workload and Education in a Canadian Pathology Residency Program. *Arch Pathol Lab Med*. 2026 Jan 22;150(6):465-470. doi: 10.5858/arpa.2025-0318-OA. PMID: 41571013.

Pediatrics

- Winn AS, O'Connor M, Aylor M, Boland K, Rouse L, Fishman MD, Dwyer A, Woods SK, Mann KJ, Kaul P, Barone MA, Turner DA. Defining Practice Ready: Ensuring Training and Certification Are Designed to Meet Patient Needs. *Pediatrics*. 2026 Jun 1;157(6):e2026075959. doi: 10.1542/peds.2026-075959. PMID: 42167759.
- Anzinger H, Schrewe B. Centered on learning, but is it learner centered?: Paediatric resident perspectives on competency-based medical education. *Med Educ*. 2026 Jun;60(6):664-675. doi: 10.1111/medu.70081. Epub 2025 Nov 14. PMID: 41238210; PMCID: PMC13129627.

- O'Connor M, Chiel L, Lewis J, Winn AS, Poitevien P, Dwyer A, Nuncio Lujano B, Koenig C, Adair J, Batra M, Brooks L, Chiel Z, DeBlasio D, Fishman MD, Gardner FL, Hairfield A, Kuo A, Mack P, Mitre V, Ndjatou T, Omoruyi E, Rouse L, Shaw J, Simms-Mackey P, Stewart DA, Tatem A, Tolentino J, Barone MA, Turner DA. Defining the Practice of the General Pediatrician: Entrustable Professional Activities Update. *Pediatrics*. 2026 May 1;157(5):e2025073647. doi: 10.1542/peds.2025-073647. PMID: 41956489.
- O'Connor MM, Hobday PM, Long M, Soep J, Schwartz A, Balmer DF, Borman-Shoap E, Herman BE, Hanson JL, Lane JL, Andrews JS, Bale JF Jr, Buckelew SM, Chen HC, Cullen MJ, Glasgow T, Good BP, Henry D, Murray KE, Richards BF, Rosenberg A, Carraccio C, West DC, Englander R, Powell DE; Education in Pediatrics Across the Continuum (EPAC) Study Group. Competency-based advancement in medical education: outcomes of the Education in Pediatrics Across the Continuum (EPAC) project. *Acad Med*. 2026 Apr 1;101(4):422-430. doi: 10.1093/acamed/wwaf066. PMID: 41894656.
- Moon CE 3rd, Pendley SC, Alcala CS, Thompson H, Bathory E, Braganza S. Advancing planetary health graduate medical education assessment and evaluation methods: leveraging the entrustable professional activities model in a pediatric residency program. *Front Public Health*. 2026 Apr 10;14:1804998. doi: 10.3389/fpubh.2026.1804998. PMID: 42040078; PMCID: PMC13108479.
- Langan ML, Schwartz A, Czaja AS, Hsu D, Turner DA, Karnik R, Moffatt ME, Mink R. Exploring Gender, Race, and Ethnicity Differences in Assessment of Pediatric Subspecialty Fellows Using the Entrustable Professional Activity Framework. *Acad Pediatr*. 2026 Apr;26(3):103215. doi: 10.1016/j.acap.2025.103215. Epub 2025 Dec 26. PMID: 41456837.
- Schwartz A, Schumacher DJ, Dwyer A, Poitevien P, Turner DA. Pediatric Residents' Readiness for Practice and Performance on the Initial Certifying Examination. *Pediatrics*. 2026 Feb 1;157(2):e2025073517. doi: 10.1542/peds.2025-073517. PMID: 41485477.
- Schumacher DJ, Sklansky DJ, Rissmiller B, Thoreson L, Waggoner-Fountain LA, Pareek R, Poynter SE, Winn AS, Michelson C, Kinnear B, Turner DA, Millstein LS, Di Rocco JR, Avants K, Lewis J, Srivastava P, Giudice EL, Arandes M, Yeh S, Schwartz A; Association of Pediatric Program Directors Longitudinal Educational Assessment Research Network (APPD LEARN) Crosswalk Study Group. Use of entrustable professional activities for reliable overall entrustment decisions. *Acad Med*. 2026 Jan 1;101(1):79-85. doi: 10.1093/acamed/wwaf001. PMID: 41546188.
- Shaukat H, Berkowitz D, Koutroulis I, Willner E. The emergence of academic pediatric acute and urgent care fellowships: entrustable professional activities. *Med Educ Online*. 2025 Dec;30(1):2485503. doi: 10.1080/10872981.2025.2485503. Epub 2025 Apr 4. PMID: 40185680; PMCID: PMC11980184.
- Gollin G, Newman EA, Rowell EE, Scholz S, Waltz PK, Mak GZ, Puligandla P. Operating Without Direct Supervision During Pediatric Surgery Fellowship: When, How, and Why? *J Pediatr Surg*. 2025 Dec;60(12):162711. doi: 10.1016/j.jpedsurg.2025.162711. Epub 2025 Sep 29. PMID: 41033647.
- Schumacher DJ, Kinnear B, Michelson C, Stewart DA, Herman BE, Wolfe AD, Winn A, Boulais J, Turner DA, Howell HB, Schwartz A; APPD LEARN Crosswalk Study Team. Development and Validation of a Model to Predict Milestone Levels Based on Entrustable Professional Activity Entrustment-Supervision Levels. *Acad Med*. 2025 Nov 1;100(11):1329-1336. doi: 10.1097/ACM.0000000000006165. Epub 2025 Jul 4. PMID: 40643399.
- Miranda RPA, Pereira ERS, Santos-Neto LLD. Development and validation of entrustable professional activities in pediatric surgery for pediatricians. *J Pediatr (Rio J)*. 2025 Nov-Dec;101(6):101444. doi: 10.1016/j.jped.2025.101444. Epub 2025 Sep 30. PMID: 40967582; PMCID: PMC12514563.
- Czaja AS, Schwartz A, James SH, Sauer C, Mehta JJ, Kesselheim J, Weiss P, Turner DA, Stafford DEJ, Robinson B, Rama J, Pitts S, Moffatt ME, Moerdler S, McGann KA, McFadden V, Mahan J, Lopez MA, Langan ML, Kamin DS, Karnik R, Hsu D, High P, Herman B, George RP, Fussell JJ,

Dammann CEL, Curran M, Chess PR, Boyer DL, Aye T, Mink RB. Validity Evidence for Level of Supervision Scales With Pediatric Subspecialty-Specific Entrustable Professional Activities. *Acad Pediatr*. 2025 Nov-Dec;25(8):103116. doi: 10.1016/j.acap.2025.103116. Epub 2025 Jul 21. PMID: 40701427.

- Weiss PG, Schwartz A, Boyer DL, Chess PR, Fussell JJ, McGann KA, Moffatt ME, Herman BE, Turner DA, Pitts SA, Langan ML, High P, James SH, Karnik R, Aye T, Stafford DEJ, Rama J, Robinson BW, Hsu D, Sauer C, Mehta JJ, Atlas MP, Curran ML, Mahan JD, McFadden V, Kamin DS, Kesselheim J, Czaja AS, Dammann CEL, George RP, Lopez MA, Torres O, Mink RB. Pediatric Fellows and Their Ability to Meet Minimum Supervision Levels at Graduation. *Pediatrics*. 2025 Jul 1;156(1):e2025070682. doi: 10.1542/peds.2025-070682. PMID: 40518135.
- Zhang Y, Zhang A, Jiao X, Zhao D, Zhang Y, Yue T, Yang K, Zhao C. Entrustable professional activities for pediatric and subspecialties residency training in China. *BMC Med Educ*. 2025 May 12;25(1):697. doi: 10.1186/s12909-025-07231-6. PMID: 40355914; PMCID: PMC12070538.
- Schumacher DJ, Winn AS, Hemond J, O'Dea CL, Garcia KL, Burke AE, Naifeh MM, Zurawick J, Kinnear B, Michelson C, Turner DA, Martini A, Schwartz A; Association of Pediatric Program Directors Longitudinal Educational Assessment Research Network (APPD LEARN) Crosswalk Study Group. Associations Between Residency Program Size and Readiness for Unsupervised Practice in Pediatrics. *Acad Pediatr*. 2025 May-Jun;25(4):102806. doi: 10.1016/j.acap.2025.102806. Epub 2025 Mar 8. PMID: 40064464.
- Schumacher DJ, Michelson C, Winn A, Henry D, O'Connor M, Li ST, Blair RJ, Velazquez-Campbell M, Kihlstrom MJ, Borman-Shoap E, Ponitz K, Salvador-Sison J, Kinnear B, Turner DA, Martini A, Burrows HL, Patel R, Newhall LM, Osborn R, Mallory M, Scheurer JM, Grant M, Myers RE, Griego EC, Kravtchenko S, Jain S, Vu T, Schwartz A; Association of Pediatric Program Directors Longitudinal Educational Assessment Research Network (APPD LEARN) Crosswalk Study Group. Graduating Residents' Readiness for Unsupervised Practice. *Pediatrics*. 2025 May 1;155(5):e2024070307. doi: 10.1542/peds.2024-070307. PMID: 40199502.
- Pitts S, Schwartz A, Langan ML, High P, James SH, Karnik R, Aye T, Boyer DL, Stafford DEJ, Rama JA, Robinson BW, Hsu D, Moffatt ME, Sauer C, Mehta JJ, Atlas MP, McGann KA, Chess PR, Curran ML, Weiss P, Mahan JD, McFadden V, Kamin DS, Kesselheim J, Czaja AS, Dammann CEL, Fussell J, George RP, Herman BE, Lopez MA, Torres O, Turner DA, Mink R. Many Pediatric Subspecialty Fellows Are Not Ready to Graduate From Fellowship in 2 Years. *Pediatrics*. 2025 Apr 1;155(4):e2024068307. doi: 10.1542/peds.2024-068307. PMID: 40090359.
- Huth K, Cribb Fabersunne C, Henry D, Shah N, Coleman C. Steps Forward From Co-created Entrustable Professional Activities in Pediatric Complex Care. *Acad Pediatr*. 2024 Nov-Dec;24(8):1189-1191. doi: 10.1016/j.acap.2024.07.002. Epub 2024 Jul 10. PMID: 38997065.
- Baumann L, Latal B, Seiler M, Kroiss Benninger S. Paediatric rotations in undergraduate medical education in Switzerland: Meeting students' expectations and the goals of the competency-based learning catalogue PROFILES. *GMS J Med Educ*. 2024 Nov 15;41(5):Doc63. doi: 10.3205/zma001718. PMID: 39711865; PMCID: PMC11656168.
- Kerth JL, Bosse HM. The Future of Postgraduate Training? An Update on the Use of Entrustable Professional Activities in Pediatric Professional Training. *Acad Pediatr*. 2024 Sep-Oct;24(7):1035-1037. doi: 10.1016/j.acap.2024.06.017. Epub 2024 Jul 4. PMID: 38971522.
- Mirza M, Bilgic E, Gupta R, Ngo QN, Forward K. Improving pediatric procedural skills and EPA assessments through an acute care procedural skills curriculum. *PLoS One*. 2024 Aug 30;19(8):e0306721. doi: 10.1371/journal.pone.0306721. PMID: 39213371; PMCID: PMC11364283.
- Chlebowski MM, Migally K, Werho DK, Sznycer-Taub N, Rhodes LA, Szadkowski A, Hupp S, Sacks LD, Chen J, Zyblewski SC. Cardiac Critical Care Fellowship Training in the United States and Canada: Pediatric Cardiac Intensive Care Society-Endorsed Subcompetencies to the 2022 Entrustable Professional Activities. *Pediatr Crit Care Med*. 2024 Jun 1;25(6):e303-e309. doi: 10.1097/PCC.0000000000003464. Epub 2024 Feb 8. PMID: 38329380.

- Banc-Husu AM, Van Buren KL, Fishman DS, Leung DH, Shneider BL. Educating pediatric gastroenterology fellows: Milestones, EPAs, & their application within a new educational curriculum. *J Pediatr Gastroenterol Nutr*. 2024 Jun;78(6):1213-1216. doi: 10.1002/jpn3.12202. Epub 2024 Apr 11. PMID: 38602186.
- Cifra N, Pitts S, Mink R, Schwartz A, Herman B, Turner DA, Yussman S. Analysis of fellowship program director opinions of entrustable professional activities in adolescent medicine fellowship. *Int J Adolesc Med Health*. 2024 Mar 25;36(3):237-242. doi: 10.1515/ijamh-2023-0154. PMID: 38522004.
- Li S, Qi X, Li H, Zhou W, Jiang Z, Qi J. Exploration of validity evidence for core residency entrustable professional activities in Chinese pediatric residency. *Front Med (Lausanne)*. 2024 Jan 8;10:1301356. doi: 10.3389/fmed.2023.1301356. PMID: 38259855; PMCID: PMC10801054.
- Czaja AS, Mink RB, Herman BE, Weiss P, Turner DA, Curran ML, Stafford DEJ, Myers AL, Langhan ML. Exploring Factors for Implementation of EPAs in Pediatric Subspecialty Fellowships: A Qualitative Study of Program Directors. *J Med Educ Curric Dev*. 2024 Jan 23;11:23821205231225011. doi: 10.1177/23821205231225011. PMID: 38268726; PMCID: PMC10807342.
- Holland JE, Rohwer JK, O'Connor JM, Wahlberg KJ, DeSarno M, Hopkins WE, Flyer JN. Development, Feasibility, and Initial Evaluation of an Active Learning Module for Teaching Pediatric ECG Interpretation and Entrustable Professional Activities to Clinical Medical Students. *Acad Pediatr*. 2023 Sep-Oct;23(7):1465-1468. Kim ME, Tretter J, Wilmot I, Hahn E, Redington A, McMahon CJ. Entrustable Professional Activities and Their Relevance to Pediatric Cardiology Training. *Pediatr Cardiol*. 2023 Apr;44(4):757-768.
- Sieplinga K, Kruger C, Goodwin E. Is it too complex? A survey of pediatric residency program's educational approach for the care of children with medical complexity. *BMC Med Educ*. 2023 May 12;23(1):331.
- Villaizán Pérez C, Aparicio Rodrigo M, Kovacs A, Barak S, Calamita P, Dejak Gornik K, Jaeger-Roman E, Kartousova B, Katz M, Rafele I, Reali L, Reingold S, Sauseng W, Fehr F. Entrustable Professional Activities for the Training of Postgraduate Primary Care Pediatricians. *Acad Med*. 2023 Apr 1;98(4):468-472.
- Roth LT, Cooper MB, Lurie B, Wueste B. Developing an Entrustable Professional Activity to Improve the Care of LGBTQ+ Youth. *Acad Pediatr*. 2022 Sep 16:S1876-2859(22)00432-6.
- Yun Z, Jing L, Junfei C, Wenjing Z, Jinxiang W, Tong Y, Aijun Z. Entrustable Professional Activities for Chinese Standardized Residency Training in Pediatric Intensive Care Medicine. *Front Pediatr*. 2022 Jul 4;10:919481. doi: 10.3389/fped.2022.919481.
- Werho DK, DeWitt AG, Owens ST, McBride ME, van Schaik S, Roth SJ. Establishing Entrustable Professional Activities in Pediatric Cardiac Critical Care. *Pediatr Crit Care Med*. 2021 Sep 22. doi: 10.1097/PCC.0000000000002833. Epub ahead of print.
- Hennis MP, Nusmeier A, van Heesch GGM, Riedijk MA, Schoenmaker NJ, Soeteman M, Wildschut ED, Fawns T, Ten Cate O. Development of entrustable professional activities for paediatric intensive care fellows: A national modified Delphi study. *PLoS One*. 2021 Mar 18;16(3):e0248565. doi: 10.1371/journal.pone.0248565.
- Khlevner J, Rosen R, Ambartsumyan L, Lusman SS, Rosen JM, Yacob D, Mousa H, Nurko S, Di Lorenzo C, Boruta M, Ratcliffe EM, Feinstein L, Snyder J, Wood RJ, Graham K, Saps M, Gyawali CP, Rodriguez L, Belkind-Gerson J. Development of Entrustable Professional Activities and Standards in Training in Pediatric Neurogastroenterology and Motility: North American Society for Pediatric Gastroenterology, Hepatology and Nutrition and American Neurogastroenterology and Motility Society Position Paper. *J Pediatr Gastroenterol Nutr*. 2021 Jan 1;72(1):168-180. doi: 10.1097/MPG.0000000000002965. PMID: 33075010.
- Rodgers V, Tripathi J, Lockeman K, Helou M, Lee C, Ryan MS. Implementation of a workplace-based assessment system to measure performance of the Core EPAs in the Pediatric Clerkship.

Acad Pediatr. 2020 Oct 6:S1876-2859(20)30553-2. doi: 10.1016/j.acap.2020.09.016. Epub ahead of print. PMID: 33035730.

- Schumacher DJ, West DC, Schwartz A, Li ST, Millstein L, Griego EC, Turner T, Herman BE, Englander R, Hemond J, Hudson V, Newhall L, McNeal Trice K, Baughn J, Giudice E, Famiglietti H, Tolentino J, Gifford K, Carraccio C; Association of Pediatric Program Directors Longitudinal Educational Assessment Research Network General Pediatrics Entrustable Professional Activities Study Group. Longitudinal Assessment of Resident Performance Using Entrustable Professional Activities. *JAMA Netw Open*. 2020 Jan 3;3(1):e1919316.
- Carney PA. A New Era of Assessment of Entrustable Professional Activities Applied to General Pediatrics. *JAMA Netw Open*. 2020 Jan 3;3(1):e1919583.
- Emke AR, Park YS, Srinivasan S, Tekian A. Workplace-Based Assessments Using Pediatric Critical Care Entrustable Professional Activities. *J Grad Med Educ*. 2019 Aug;11(4):430-438.
- McMillan JA, Land ML Jr, Rodday AM, Wills K, Green CM, Leslie LK. Report of a Joint Association of Pediatric Program Directors-American Board of Pediatrics Workshop: Preparing Future Pediatricians for the Mental Health Crisis. *J Pediatr*. 2018 Oct;201:285-291. doi: 10.1016/j.jpeds.2018.06.044. Epub 2018 Jul 18.
- Fehr F, Weiß-Becker C, Becker H, Opladen T. Entrustable professional activities in post-licensure training in primary care pediatrics: Necessity, development and implementation of a competency-based post-graduate curriculum. *GMS J Med Educ*. 2017 Nov 15;34(5):Doc67.
- Hanson JL, Bannister SL. To Trust or Not to Trust? An Introduction to Entrustable Professional Activities. *Pediatrics* [Internet]. 2016;138(5):e20162373–e20162373. Available from: <http://pediatrics.aappublications.org/cgi/doi/10.1542/peds.2016-2373>
- O’Keeffe M. Clinical competence in developmental-behavioural paediatrics: Raising the bar. *J Paediatr Child Health*. 2014 May 28;50(1):3–14.
- Jones MD, Rosenberg A, Gilhooly JT, Carraccio CL. Perspective: Competencies, outcomes, and controversy--linking professional activities to competencies to improve resident education and practice. *Acad Med*. 2011 Feb;86(2):161–5.

Pharmacology

- Donnenberg VS, Chaikin P, Mandic M, Meibohm B, van den Anker J, Rhinehart E, Nafziger AN, Burris JF; American College of Clinical Pharmacology. Core Entrustable Professional Activities in Clinical Pharmacology for Entering Residency: Common Problem Drugs and How to Prescribe Them. *J Clin Pharmacol*. 2019. Feb 15. doi: 10.1002/jcph.1389. [Epub ahead of print]
- Cohen LJ, Donnenberg VS, Wiernik PH, Newman WC, Amankulor N. Core Entrustable Professional Activities in Clinical Pharmacology for Entering Residency: Value of Interprofessional Health-Care Teams in Medication Prescribing and Medication Error Prevention. *J Clin Pharmacol*. 2018 Jul;58(7):843-848.
- Hermann R, Derendorf H, von Richter O, Rostami-Hodjegan A. Core Entrustable Professional Activities in Clinical Pharmacology: Pearls for Clinical Practice: Drug-Drug and Food-Drug Interactions. *J Clin Pharmacol*. 2018 Jun;58(6):704-716.
- Donnenberg VS, Mandic M, Rhee JC, Burns TF, Meibohm B, Korth-Bradley JM. Core Entrustable Professional Activities in Clinical Pharmacology for Entering Residency: Biologics. *J Clin Pharmacol*. 2017 Aug;57(8):947-955
- Shah N, Desai C, Jorwekar G, Badyal D, Singh T. Competency-based medical education: An overview and application in pharmacology. *Indian J Pharmacol*. 2016 Oct;48(Suppl 1):S5-S9
- Donnenberg VS, Burris JF, Wiernik PH, Cohen LJ, Korth-Bradley JM. How to Fix the Dangerous Lack of Clinical Pharmacology Education in the Medical Profession: The Generation of Core Entrustable Professional Activities in Clinical Pharmacology for Entering Residency. *J Clin Pharmacol*. 2016 Oct;56(10):1177-9

Physical medicine / rehabilitation

- Venkatesan B, Bagatto M, Moodie S, Scollie SD. Development of Competency Criteria for Real-Ear Measurement: Findings From a Modified E-Delphi Round 1. *Am J Audiol*. 2026 Mar 5;35(1):13-30. doi: 10.1044/2025_AJA-25-00012. Epub 2025 Dec 2. PMID: 41329933.
- Hentzen C, Remy-Neris O, Pradeau C, Bensoussan L, Boyer FC, Daviet JC, Nguyen C, De Boissezon X. Developing entrustable professional activities for residents in physical and rehabilitation medicine: A Delphi study. *Ann Phys Rehabil Med*. 2025 May;68(4):101978. doi: 10.1016/j.rehab.2025.101978. Epub 2025 Apr 18. PMID: 40252604.
- Barotsis N, Oral A, Zampolini M, Janssen W, Frischknecht R, Tederko P, Ceravolo MG. Setting the European standards for training in Physical and Rehabilitation Medicine. *Eur J Phys Rehabil Med*. 2024 Aug;60(4):552-555. doi: 10.23736/S1973-9087.24.08577-0. Epub 2024 Jul 3. PMID: 38958693; PMCID: PMC11391388.
- Baer HR, Gilbert AR, Forster JE, Ketchum NC, Mallow M, Nguyen VQC. Use of the Electrodiagnostic Entrustable Professional Activity for Competency Assessment in Physical Medicine and Rehabilitation Training Programs. *Am J Phys Med Rehabil*. 2020 Jan;99(1):81-85.
- Mallow M, Baer H, Moroz A, Nguyen VQC. Entrustable Professional Activities For Residency Training in Physical Medicine and Rehabilitation. *Am J Phys Med Rehabil*. 2017 Oct;96(10):762-764
- Norbury JW, Faulk CE, Harrell KM, Lawson LE, Moore DP. Impact of a Revised Curriculum Focusing on Clinical Neurology and Musculoskeletal Care on a Required Fourth-Year Medical Student Physical Medicine and Rehabilitation Clerkship. *Rehabil Res Pract*. 2016;2016:6197961

Plastic surgery

- Leong CJ, Cooper S, Courtemanche R, Tang D, Kwan-Wong T. Alignment of Learning Objectives in Canadian Plastic Surgery Residency Programs. *Plast Surg (Oakv)*. 2026 May 11:22925503261448829. doi: 10.1177/22925503261448829. Epub ahead of print. PMID: 42137427; PMCID: PMC13167915.
- Surowiecka A, Górecka Z, Kozicka M, Staśkiewicz M, Panek S, Majewski M, Wilhelm G, Podleśna M, Strużyna J, Torres K. Establishing new education standards in burns - A scoping review. *Burns*. 2025 Jun;51(5):107493. doi: 10.1016/j.burns.2025.107493. Epub 2025 Apr 5. PMID: 40233525.
- Rogers AD, Cartotto R. Dear Program Directors: There Are Numerous Entrustable Professional Activities on a Burns Rotation! *Plast Surg (Oakv)*. 2024 Aug;32(3):490-498. doi: 10.1177/22925503221134816. Epub 2022 Oct 27. PMID: 39104929; PMCID: PMC11298140.
- D'Abbondanza JA, Shih JG, Knox ADC, Zhygan N, Brown MH, Fish JS, Courtemanche DJ. Resident Exposure and Involvement in Core Procedural Competencies within Pediatric Plastic Surgery. *Plast Surg (Oakv)*. 2024 May;32(2):347-354. doi: 10.1177/22925503221109072. Epub 2022 Jun 27. PMID: 38681244; PMCID: PMC11046279.

Psychiatry

- Abhijita B, Sinha A, Choudhury AA, Sahu DP, Patra S. Effectiveness of Entrustable Professional Activity-Based Clinical Psychiatry Training for Indian Medical Interns: A Preliminary Study. *Psychiatry*. 2024 Spring;87(1):96-98. doi: 10.1080/00332747.2023.2291959. Epub 2024 Jan 16. PMID: 38227497.
- Yan F, Yang X, Zhang L, Cheng H, Bai L, Yang F. Establishing entrustable professional activities for psychiatry residents in China. *BMC Med Educ*. 2023 Sep 1;23(1):623. doi: 10.1186/s12909-023-04583-9.
- Looi JC, Bonner D, Maguire PA, Brazel M, Keightley P, Reay RE, Tedeschi M. Commentary on alignment of medical student assessment and vocational training in psychiatry and addiction medicine. *Australas Psychiatry*. 2023 Apr;31(2):220-223.

- Young JQ, Frank JR, Holmboe ES. Advancing Workplace-Based Assessment in Psychiatric Education: Key Design and Implementation Issues. *Psychiatr Clin North Am*. 2021 Jun;44(2):317-332.
- Pinilla S, Cantisani A, Klöppel S, Strik W, Nissen C, Huwendiek S. Introducing a Psychiatry Clerkship Curriculum Based on Entrustable Professional Activities: an Explorative Pilot Study. *Acad Psychiatry*. 2021 Jun;45(3):354-359. doi: 10.1007/s40596-021-01417-y. Epub 2021 Feb 18.
- Hung EK, Jibson M, Sadhu J, Stewart C, Walker A, Wichser L, Young JQ. Wrestling with Implementation: a Step-By-Step Guide to Implementing Entrustable Professional Activities (EPAs) in Psychiatry Residency Programs. *Acad Psychiatry*. 2021 Apr;45(2):210-216. doi: 10.1007/s40596-020-01341-7. Epub 2020 Oct 20. PMID: 33078330.
- Pinilla S, Matthes O, Gehret A, Huwendiek S, Lenouvel E, Lindert S, Marty AP, Nick B, Nissen C, Schneeberger A, Stocker L, Wallies M, Weidt S, Weiss-Breckwoldt A, Klöppel S. Entrustable Professional Activities in der psychiatrischen Weiterbildung: Ein vielversprechendes Konzept [Entrustable Professional Activities in Graduate Medical Education in Psychiatry: A Promising Concept]. *Praxis (Bern 1994)*. 2021 Jan;110(1):30-36.
- Pinilla S, Lenouvel E, Strik W, Klöppel S, Nissen C, Huwendiek S. Entrustable Professional Activities in Psychiatry: A Systematic Review. *Acad Psychiatry*. 2020 Feb;44(1):37-45.
- Koelkebeck K, Brouwer B, Ahrens H, Becker JC, Weih M, Marschall B, Arolt V, Ohrmann P. [Implementation and evaluation of a revised curriculum for psychiatry and psychotherapy]. [Article in German] *Nervenarzt*. 2019 Nov;90(11):1170-1176.
- Young JQ, Hasser C, Hung EK, Kusz M, O'Sullivan PS, Stewart C, Weiss A, Williams N. Developing End-of-Training Entrustable Professional Activities for Psychiatry: Results and Methodological Lessons. *Acad Med*. 2018 Jul;93(7):1048-1054.
- Klapheke M, Johnson T, Cubero M. Assessing Entrustable Professional Activities During the Psychiatry Clerkship. *Acad Psychiatry*. 2017 Jun;41(3):345-349.
- Weiss A, Ozdoba A, Carroll V, DeJesus F. Entrustable Professional Activities: Enhancing Meaningful Use of Evaluations and Milestones in a Psychiatry Residency Program. *Acad Psychiatry*. 2016 Oct;40(5):850-4
- Jurd S, de Beer W, Aimer M, Fletcher S, Halley E, Schapper C, Orkin M. Introducing a competency based Fellowship programme for psychiatry in Australia and New Zealand. *Australas Psychiatry*. 2015 Dec;23(6):699-705
- Boyce P, Spratt C, Davies M, McEvoy P. Using entrustable professional activities to guide curriculum development in psychiatry training. *BMC Med Educ*. 2011 Nov 23;11:96

Public health

- Brasel KJ, Scott-Smith C, Barry C, Lindeman B, Sarosi G, Minter R, Jones A, Mellinger J, Buyske J. Experience With EPAs During the Year of Progressive Engagement. *J Surg Educ*. 2025 Dec;82(12):103713. doi: 10.1016/j.jsurg.2025.103713. Epub 2025 Oct 18. PMID: 41109804.
- Chen C, Coppola KM, Weber P, Parikh P. Interactive Patient Safety and Quality Improvement capstone during transition-to-residency program: virtual and in-person focused workshop for EPA 13. *BMC Med Educ*. 2023 Apr 12;23(1):235. doi:10.1186/s12909-023-04220-5. PMID: 37046253; PMCID: PMC10091311.
- Moloughney B, Moore K, Dagnone D, Strong D. The development of national entrustable professional activities to inform the training and assessment of public health and preventative medicine residents. *Can Med Educ J*. 2017 Jun 30;8(3):e71-e80

Pulmonary and critical care

- Hostetter LJ, Nelson DR. Competency-based medical education in interventional pulmonology: current state and future opportunities. *Curr Opin Pulm Med*. 2025 Jan 1;31(1):65-71. doi: 10.1097/MCP.0000000000001128. Epub 2024 Nov 8. PMID: 39513972.

- Alismail A, López D. Clinical Competencies in Advanced Practice Respiratory Therapy Education: Is It Time to Entrust the Learner? *Adv Med Educ Pract*. 2020 Jan 24;11:83-89.
- Fessler HE, Addrizzo-Harris D, Beck JM, Buckley JD, Pastores SM, Piquette CA, Rowley JA, Spevetz A. Entrustable professional activities and curricular milestones for fellowship training in pulmonary and critical care medicine: executive summary from the Multi-Society Working Group. *Crit Care Med*. 2014 Oct;42(10):2290-1

Radiation oncology

- Wagner BS, Martinka L, Gordon D, Anderson S, Bukolt K, Martin K, Golden DW. Characterizing the Clinical Role of Radiation Oncology Advanced Practice Providers Using Entrustable Professional Activities. *J Adv Pract Oncol*. 2026 Mar 4:1-10. doi: 10.6004/jadpro.2026.17.7.8. Epub ahead of print. PMID: 41969921; PMCID: PMC13064866.
- Jeans EB, Brower JV, Burmeister JW, Deville C Jr, Fields E, Kavanagh BD, Suh JH, Tekian A, Vapiwala N, Zeman EM, Golden DW. Development of a United States Radiation Oncology Curricular Framework: A Stakeholder Delphi Consensus. *Int J Radiat Oncol Biol Phys*. 2022 Dec 19:S0360-3016(22)03630-6. doi: 10.1016/j.ijrobp.2022.12.009. Epub ahead of print.
- Benstead K, Lara PC, Andreopoulos D, Bibault JE, Dix A, Eller YG, Franco P, Guilianni M, Jaal J, Juretic A, Kozma E, Lumsden G, Maddalo M, Magrini S, Mjaaland I, Pfeffer R, de Sousa de Sa Pinto OMT, Spalek M, Vozenin MC, Verfaillie C, Van Egten V, Eriksen JG. Recommended ESTRO Core Curriculum for Radiation Oncology/Radiotherapy 4th edition. *Radiother Oncol*. 2019 Dec;141:1-4.

Radiology

- Khan A, Afzal S, Samnani S, Sirat Maheen Anwar S, Hussain Z. Entrustable professional activities for radiology residents: a case-based assessment framework. *BMC Med Educ*. 2025 Nov 19;25(1):1624. doi: 10.1186/s12909-025-08227-y. PMID: 41257725; PMCID: PMC12628865.
- Hirvonen J, Marjasuo S, Huhtaniska S, Tiihonen M, Holstila M. Entrustable professional activities in Finnish radiology training: a national survey. *Insights Imaging*. 2025 Jun 5;16(1):118. doi: 10.1186/s13244-025-01992-w. PMID: 40471387; PMCID: PMC12141187.
- Sheth MM, Slanetz PJ, Lewis P, Woods RW, Ali EB, Fefferman NR, Paul CR. A Multicenter Observational Pilot Study Evaluating the Effect of Using an Entrustable Professional Activity Checklist on Resident Mid-Rotation Formative Feedback in Diagnostic Breast Imaging. *Acad Radiol*. 2025 May;32(5):3114-3127. doi: 10.1016/j.acra.2025.02.029. Epub 2025 Apr 10. PMID: 40258664.
- Wong L, Chung AD, Rogoza C, Kwan BYM. Peering Into the Future: A First Look at the CBME Transition to Practice Stage in Diagnostic Radiology. *Acad Radiol*. 2023 Oct;30(10):2406-2417. doi: 10.1016/j.acra.2023.06.013. Epub 2023 Jul 14. Mishra S, Chung A, Rogoza C, Islam O, Mussari B, Wang X, Dagnone D, Cofie N, Dalgarno N, Kwan BYM. Creating a Competency-Based Medical Education Curriculum for Canadian Diagnostic Radiology Residency (Queen's Fundamental Innovations in Residency Education)-Part 2: Core of Discipline Stage. *Can Assoc Radiol J*. 2021 Mar 3;846537121993058. doi: 10.1177/0846537121993058. Epub ahead of print.
- Paisant A, Skehan S, Colombié M, David A, Aubé C. Development and validation of core entrustable professional activities for abdominal radiology. *Insights Imaging*. 2023 Aug 29;14(1):142. doi: 10.1186/s13244-023-01482-x.
- European Society of Radiology (ESR). Resident education in radiology in Europe including entrustable professional activities: results of an ESR survey. *Insights Imaging*. 2023 Aug 22;14(1):139. doi: 10.1186/s13244-023-01489-4.
- Kwan BYM, Mbanwi A, Cofie N, Rogoza C, Islam O, Chung AD, Dalgarno N, Dagnone D, Wang X, Mussari B. Creating a Competency-Based Medical Education Curriculum for Canadian Diagnostic Radiology Residency (Queen's Fundamental Innovations in Residency Education)-Part 1:

Transition to Discipline and Foundation of Discipline Stages. *Can Assoc Radiol J*. 2020 Mar 4;84:6537119894723. doi: 10.1177/0846537119894723. Epub ahead of print. PMID: 32126802.

- Nayyar B, Yasmeen R, Khan RA. Using language of entrustable professional activities to define learning objectives of radiology clerkship: A modified Delphi study. *Med Teach*. 2019 Dec;41(12):1419-1426.
- Sheth M, Woods RW, Slanetz PJ, Klein K, Fornari A, Lewis P. Development of Breast Imaging Specific Entrustable Professional Activities Using a Double Delphi Technique. *Acad Radiol*. 2019 May;26(5):591-596.
- Deitte LA, Gordon LL, Zimmerman RD, Stern EJ, McCloud TC, Diaz-Marchan PJ, Mullins ME. Entrustable Professional Activities: Ten Things Radiologists Do. *Acad Radiol*. 2016 Mar;23(3):374-81

Rheumatology

- Alharbi LA, Cheikh M, Alotaibi ME, Alkhotani AA, Alim HM, Almalki F, Samannodi MS, Khadawardi HA, Imam AA, Turkistani YA, Bashal FB, Tawakul A, Bulkhi AA, Dairi MS, Zaini R, Almoallim HM. Developing and Validating Entrustable Professional Activities (EPAs) for Rheumatology Fellowship Training Programs in Saudi Arabia: A Delphi Study. *Adv Med Educ Pract*. 2024 Sep 18;15:845-856. doi: 10.2147/AMEP.S481977. PMID: 39308482; PMCID: PMC11416783.
- Brown CR Jr, Criscione-Schreiber L, O'Rourke KS, Fuchs HA, Putterman C, Tan IJ, Valeriano-Marcet J, Hsieh E, Zirkle S, Bolster MB. What Is a Rheumatologist and How Do We Make One? *Arthritis Care Res (Hoboken)*. 2016 Aug;68(8):1166-72.

Sports medicine

General surgery and subspecialties

- Weaver ML, Smith BK. Entrustable professional activity assessments in vascular surgery training. *Semin Vasc Surg*. 2025 Jun;38(2):145-154. doi: 10.1053/j.semvascsurg.2025.03.003. Epub 2025 Apr 3. PMID: 40523702.
- Nel D, Jonas E, Burch V, Cairncross L, Nel A, Alseidi A, George B, Ten Cate O. Entrustable Professional Activities in Postgraduate General Surgery Training: A Scoping Review. *Ann Surg*. 2025 Jun 1;281(6):960-967. doi: 10.1097/SLA.0000000000006400. Epub 2024 Jun 17. PMID: 38881436.
- Moreci R, Spencer B, Fallon B, Harbaugh C, Zendejas B, Gray BW, Alaish S, Diaz-Miron J, Ehrlich P, Gadepalli S, Newman E, Sandhu G, Hirschl R. Implementation of a Competency-Based Training Program in Pediatric Surgery: A Pilot Study. *J Pediatr Surg*. 2025 May;60(5):162257. doi: 10.1016/j.jpedsurg.2025.162257. Epub 2025 Feb 28. PMID: 40120395.
- Lee Y, Khamar J, Samarasinghe Y, McKechnie T, Petrisor B, Yang I. The Surgical Education Checklist: A Novel Tool to Improve the Use of Entrustable Professional Activities in Operative Training in Competence by Design. *J Surg Educ*. 2025 May;82(5):103470. doi: 10.1016/j.jsurg.2025.103470. Epub 2025 Feb 15. PMID: 39956035.
- Phares A, Binda C, Joharifard S, Baird R. Establishing a Competency Based Medical Education Curriculum for International Medical Graduates Pursuing Pediatric Surgery Training in High-income Countries. *J Pediatr Surg*. 2025 Apr;60(4):162227. doi: 10.1016/j.jpedsurg.2025.162227. Epub 2025 Jan 29. PMID: 39954319.
- Jones-Carr ME, Sarosi G, Lindeman B. Simulating success: Applying EPA assessments to simulation in surgical education. *Surgery*. 2025 Apr;180:109043. doi: 10.1016/j.surg.2024.109043. Epub 2025 Jan 3. PMID: 39754933.
- Zmijewski P, McLeod MC, Akhund R, Allahwasaya A, Lafrinere T, Fazendin JM, Carty SE, Graham P, Hughes D, Lyden M, Miller B, Finnerty B, McManus C, Yip L, Lindeman B. Entrustable Professional Activities in endocrine surgery: A national pilot study. *Surgery*. 2025 Jan;177:108860. doi: 10.1016/j.surg.2024.09.018. Epub 2024 Nov 5. PMID: 39505596.

- Ly N, Ocoko F, Minter RM, Jung S. Assessing general surgery residents outside of the operating room: Our experience with entrustable professional activities in the pre-operative and post-operative settings. *Am J Surg*. 2025 Jan;239:115849. doi: 10.1016/j.amjsurg.2024.115849. Epub 2024 Jul 17. PMID: 39060189.
- Lee SL, Puligandla P, Barnhart D, Hayes-Dixon A, Nwomeh B, Ramos-Irizarry C, Upperman JS, Wang K, Smith CA. Introduction to Entrustable Professional Activities for Pediatric Surgery. *J Pediatr Surg*. 2024 Nov;59(11):161653. doi: 10.1016/j.jpedsurg.2024.07.038. Epub 2024 Jul 26. PMID: 39164128.
- Chang C, Jesneck J, Lee E, Brasel K, Cook M, Seshadri R, Nitzkowski J, Rhee R, Shelton J, Thanawala R. EHR-Driven Delivery of EPA Assessments Significantly Improves Participation. *J Surg Educ*. 2024 Nov;81(11):A12-A22. doi: 10.1016/j.jsurg.2024.06.015. Epub 2024 Jul 3. PMID: 38964960.
- Afford RM, Bolin SD, Armstrong ME, Scott TM, Karimuddin AA. Preparing general surgery residents for rural practice in British Columbia: Competencies, privileging and geography. *Can J Rural Med*. 2024 Oct 1;29(4):155-166. English, French. doi: 10.4103/cjrm.cjrm_59_23. Epub 2024 Nov 12. PMID: 39520064.
- Skulsampaopol J, Ming Y, Cusimano MD. Educating residents in spine surgery: A study of Entrustable professional activities in neurosurgery and orthopedic surgery. *PLoS One*. 2024 Oct 4;19(10):e0311444. doi: 10.1371/journal.pone.0311444. PMID: 39365796; PMCID: PMC11451968.
- Layne D, Jung S, Varley P, O'Rourke A, Minter R. How well do faculty do in providing general surgery EPA feedback? *Am J Surg*. 2024 Oct;236:115902. doi: 10.1016/j.amjsurg.2024.115902. Epub 2024 Aug 22. PMID: 39242235.
- Jones-Carr ME, McLeod C, Baker S, Lindeman B. Framing our Expectations: Variability in Entrustable Professional Activity Assessments. *J Surg Educ*. 2024 Oct;81(10):1355-1361. doi: 10.1016/j.jsurg.2024.07.025. Epub 2024 Aug 19. PMID: 39163720.
- Campbell A, Alslaim H, Duson S, Rowe VL. Educating Trainees to Treat Peripheral Arterial Disease: Challenges and Opportunities. *Ann Vasc Surg*. 2024 Oct;107:101-104. doi: 10.1016/j.avsg.2023.12.101. Epub 2024 Apr 4. PMID: 38582208.
- Hanif M, Khan YH, Ali K. Designing Entrustable Professional Activities for Treatment Planning of Oral Cancer by Maxillofacial Surgery Residents: A Modified Delphi Study. *Int J Dent*. 2024 Sep 14;2024:5516332. doi: 10.1155/2024/5516332. PMID: 39309637; PMCID: PMC11416168.
- Carrera Martínez JL. Regarding the article "Entrustable Professional Activities (EPAs) for the residency program in vascular surgery". *J Vasc Bras*. 2024 Sep 27;23:e20240007. doi: 10.1590/1677-5449.202400072. PMID: 39559427; PMCID: PMC11573362.
- Nitzschke SL, Ashley SW, Upchurch GR Jr. Surgical Competency Assessment Using Entrustable Professional Activities. *JAMA Surg*. 2024 Jul 1;159(7):809. doi: 10.1001/jamasurg.2024.0815. PMID: 38717754.
- Go MR, Traugott AL, Ejaz A, Collins C, Harzman AE, Ellison EC, Chen XP. Measuring Chief Resident Skill and Entrustment Progression in An Operative Coaching Program: Four Years' Experience. *J Surg Educ*. 2024 Apr;81(4):457-464. doi: 10.1016/j.jsurg.2023.12.014. Epub 2024 Feb 22. PMID: 38388313.
- Gloviczki P. The changing face of surgical education: transfer of surgical and endovascular knowledge to young surgeons. *J Cardiovasc Surg (Torino)*. 2024 Feb;65(1):64-68. doi: 10.23736/S0021-9509.24.12791-7. Epub 2024 Feb 23. PMID: 38391236.
- Wu SJ. Effectiveness of entrustable professional activities for surgical clerkship. *Asian J Surg*. 2024 Jan;47(1):697-698. doi: 10.1016/j.asjsur.2023.09.154. Epub 2023 Oct 9. PMID: 37821248.
- Dent DL, Patnaik R, Atkinson A, Shomette JD, Mascitelli JR, Page-Ramsey SM, Basler JW, Carpenter AJ, Kempenich JW, Rose RA, Anderson KL, Botros-Brey S, Jones WS. Implementation of entrustable professional activities in multiple surgical residencies: A quality improvement

approach. *Am J Surg.* 2023 Dec;226(6):868-872. doi: 10.1016/j.amjsurg.2023.07.014. Epub 2023 Jul 13. PMID: 37507253.

- Lee MC, Melcer EF, Merrell SB, Wong LY, Shields S, Eddington H, Trickey AW, Tsai J, Korndorffer JR Jr, Lin DT, Liebert CA. Usability of ENTRUST as an Assessment Tool for Entrustable Professional Activities (EPAs): A Mixed Methods Analysis. *J Surg Educ.* 2023 Nov;80(11):1693-1702. doi: 10.1016/j.jsurg.2023.09.001. Epub 2023 Oct 9.
- Farmer DL, O'Connell PR, Pugh CM, Lang H, Greenberg CC, Borel-Rinkes IH, Mellinger JD, Pinto-Marques H. Surgical Education. *Ann Surg.* 2023 Nov 1;278(5):642-646. doi: 10.1097/SLA.0000000000006078. Epub 2023 Aug 10.
- Tatebe LC, Golisch KB, Janczewski LM, Krueger M, Halverson A. Autonomy Maps: Building a Shared Mental Model for Progressive Resident Operative Autonomy on the Road to Entrustable Professional Activities (EPAs). *J Surg Educ.* 2023 Oct;80(10):1351-1354. doi: 10.1016/j.jsurg.2023.07.011. Epub 2023 Aug 1
- Krecko LK, Jung S, Martin S, Krebsbach C, Rosser AA, Stahl C, Varley P, Greenberg J, Minter RM. Enhancing the Value of Surgical Entrustable Professional Activities through Integrative Learning Analytics. *J Surg Educ.* 2023 Oct;80(10):1370-1377. doi: 10.1016/j.jsurg.2023.07.018. Epub 2023 Aug 17.
- Brasel KJ, Lindeman B, Jones A, Sarosi GA, Minter R, Klingensmith ME, Whiting J, Borgstrom D, Buyske J, Mellinger JD. Implementation of Entrustable Professional Activities in General Surgery: Results of a National Pilot Study. *Ann Surg.* 2023 Oct 1;278(4):578-586. doi: 10.1097/SLA.0000000000005991. Epub 2023 Jul 13.
- Jensen RM, Kears LE, Anand A, Dent DL, Korndorffer JR Jr. The Program Director Perspective: Perceptions of PGY5 Residents' Operative Self-Efficacy and Entrustment. *Am Surg.* 2023 Jul;89(7):3098-3103. doi: 10.1177/00031348231157862. Epub 2023 Feb 21.
- Gomez-Garibello C, Wagner M, Seymour N, Okrainec A, Vassiliou M. The entrustable professional activities of laparoscopic surgery: moving toward an integrated training model. *Surg Endosc.* 2023 Jul;37(7):5335-5339. doi: 10.1007/s00464-023-10022-z. Epub 2023 Mar 29.
- Naseem Z, Hong J, Young CJ. Procedure-based assessment implementation in colorectal surgery: a scoping review. *ANZ J Surg.* 2023 Jun 1.
- Ferderber M, Wilson K, Buchanan BK, Street Callender SV, Deck JW, Kerr H, Lemmen B, Stafford CD 2nd, Wang DA, Waterbrook AL. Sports Medicine Curricular Recommendations for Undergraduate Medical Education. *Curr Sports Med Rep.* 2023 May 1;22(5):172-180.
- Nel D, Jonas E, Burch V, Nel A, Cairncross L, Alseidi A, George B, Ten Cate O. Entrustable professional activities in postgraduate general surgery training: a scoping review protocol. *BMJ Open.* 2023 Mar 15;13(3):e067322.
- Amare EM, Siebeck M, Yigzaw T, Fischer MR, Tadesse M, Berndt M. Differences in perceptions of capability, autonomy, and expectations between residents and surgical team members in executing EPAs in Ethiopian medical education. *Heliyon.* 2023 Mar 8;9(3):e14316.
- Toale C, O'Byrne A, Morris M, Kavanagh DO. Characterizing individual trainee learning curves in surgical training: Challenges and opportunities. *Surgeon.* 2022 Nov 26:S1479-666X(22)00133-0.
- Kelley SR. Entrustable Professional Activities for Colon and Rectal Surgery Residency Training - Is it Time? *Dis Colon Rectum.* 2022 Nov 17. doi: 10.1097/DCR.0000000000002569. Epub ahead of print.
- van Lieshout JH, Malzkorn B, Steiger HJ, Karadag C, Kamp MA, Vajkoczy P, Beck J, Peschillo S, Rohde V, Walsh D, Lukshin V, Korja M, Cenzato M, Raabe A, Gruber A, Hänggi D, Boogaarts HD. Defining activities in neurovascular microsurgery training: entrustable professional activities for vascular neurosurgery. *Acta Neurochir (Wien).* 2022 Oct 22. doi: 10.1007/s00701-022-05372-x. Epub ahead of print.
- Hanson MN, Pryor AD, Jeyarajah DR, Minter RM, Mattar SG, Scott DJ, Brunt LM, Cummings M, Vassiliou M, Feldman LS; FC EPA Pilot Working Group. Implementation of entrustable

professional activities into fellowship council accredited programs: a pilot project. *Surg Endosc.* 2022 Aug 16:1–10. doi: 10.1007/s00464-022-09502-5. Epub ahead of print.

- Cheung KT, An V, Sorensen JC, Lin OM, Lie E, Mercier LL, Marguccio SA, Gumulia EN, Goonawardena J, Chan LH, Wong E. Elective Laparoscopic Cholecystectomy as an Entrustable Professional Activity (EPA) for General Surgical Trainees in Australia. *J Surg Educ.* 2022 May-Jun;79(3):655-660. doi: 10.1016/j.jsurg.2022.01.008. Epub 2022 Feb 3. PMID: 35123911.
- Brazelle M, Zmijewski P, McLeod C, Corey B, Porterfield JR Jr, Lindeman B. Concurrent Validity Evidence for Entrustable Professional Activities in General Surgery Residents. *J Am Coll Surg.* 2022 May 1;234(5):938-946. doi: 10.1097/XCS.000000000000168. PMID: 35426408.
- Cadieux M, McKinley SK, Odewade N, Riva-Cambrin J, Phitayakorn R. Neurosurgeons' Perspectives on Vascular Entrustable Professional Activities. *Can J Neurol Sci.* 2022 Feb 22:1-8. doi: 10.1017/cjn.2021.528. Epub ahead of print. PMID: 35190007.
- Kearse LE, Schmiederer IS, Anderson TN, Dent DL, Payne DH, Korndorffer JR Jr. American Board of Surgery Entrustable Professional Activities (EPAs): Assessing Graduating Residents' Perception of Preoperative Entrustment. *J Surg Educ.* 2021 Nov-Dec;78(6):e183-e188. doi: 10.1016/j.jsurg.2021.09.004. Epub 2021 Oct 1. PMID: 34602378.
- Lindeman B, Brasel K, Minter RM, Buyske J, Grambau M, Sarosi G. A Phased Approach: The General Surgery Experience Adopting Entrustable Professional Activities in the United States. *Acad Med.* 2021 Jul 1;96(7S):S9-S13. doi: 10.1097/ACM.0000000000004107. PMID: 34183596.
- Amare EM, Siebeck M, Sendekie TY, Fischer MR, Berndt M. Development of an Entrustable Professional Activities (EPA) Framework to Inform Surgical Residency Training Programs in Ethiopia: A Three-round National Delphi Method Study. *J Surg Educ.* 2021 Jul 19:S1931-7204(21)00177-X. doi: 10.1016/j.jsurg.2021.06.023. Epub ahead of print. PMID: 34294572.
- Sandhu G, Thompson-Burdine J, Dombrowski J, Sutzko DC, Nikolian VC, Boniakowski A, Georgoff PE, Matusko N, Prabhu K, Minter RM. OpTrust: An Effective Educational Bundle for Enhancing Faculty-resident Intraoperative Entrustment. *Ann Surg.* 2021 Jun 1;273(6):e255-e261.
- Kamp MA, Malzkorn B, von Sass C, DiMeco F, Hadjipanayis CG, Senft C, Rapp M, Gepfner-Tuma I, Fountas K, Krieg SM, Neukirchen M, Florian IŞ, Schnell O, Mijderwijk HJ, Perin A, Baumgarten P, van Lieshout JH, Thon N, Renovanz M, Kahlert U, Spoor JKH, Hänggi D, McLean AL, Mäurer M, Sarrubbo S, Freyschlag CF, Schmidt NO, Vergani F, Jungk C, Stein M, Forster MT, Weinberg JS, Sinclair J, Belykh E, Bello L, Mandonnet E, Moiyadi A, Sabel M. Proposed definition of competencies for surgical neuro-oncology training. *J Neurooncol.* 2021 May;153(1):121-131. doi: 10.1007/s11060-021-03750-6. Epub 2021 Apr 21. PMID: 33881726; PMCID: PMC8131302.
- Rabski JE, Saha A, Cusimano MD. Resident evaluations in the age of competency-based medical education: faculty perspectives on minimizing burdens. *J Neurosurg.* 2020 Dec 11:1-6. doi: 10.3171/2020.7.JNS201688. Epub ahead of print
- Stahl CC, Jung SA, Rosser AA, Kraut AS, Schnapp BH, Westergaard M, Hamedani AG, Minter RM, Greenberg JA. Entrustable Professional Activities in General Surgery: Trends in Resident Self-Assessment. *J Surg Educ.* 2020 Nov- Dec;77(6):1562-1567. doi: 10.1016/j.jsurg.2020.05.005. Epub 2020 Jun 13. PMID: 32540120.
- Stahl CC, Minter RM. New Models of Surgical Training. *Adv Surg.* 2020 Sep;54:285-299.
- Stahl CC, Collins E, Jung SA, Rosser AA, Kraut AS, Schnapp BH, Westergaard M, Hamedani AG, Minter RM, Greenberg JA. Implementation of Entrustable Professional Activities into a General Surgery Residency. *J Surg Educ.* 2020 Jul- Aug;77(4):739-748.
- Gupta A, Watkins AC, Fahey TJ, Barie PS, Narayan M. Entrustable Professional Activities: Do General Surgery Residents Trust Them? *J Surg Educ.* 2020 May- Jun;77(3):520-526.
- Ahle SL, Gielissen K, Keene DE, Blasberg JD. Understanding Entrustment Decision-Making by Surgical Program Directors. *J Surg Res.* 2020 May;249:74-81. doi: 10.1016/j.jss.2019.12.001. Epub 2020 Jan 8. PMID: 31926399.

- Stucke RS, Sorensen M, Rosser A, Sullivan S. The surgical consult entrustable professional activity (EPA): Defining competence as a basis for evaluation. *Am J Surg.* 2020 Feb;219(2):253-257.
- Hasty BN, Lau JN, Tekian A, Miller SE, Shipper ES, Bereknyei Merrell S, Lee EW, Park YS. Validity Evidence for a Knowledge Assessment Tool for a Mastery Learning Scrub Training Curriculum. *Acad Med.* 2020 Jan;95(1):129-135.
- Anderson TN, Aalami LR(Lee EW, Merrell SB, Sgroi MD, Lin DT, Lau JN. Perception and confidence of medical students in informed consent: A core EPA. *Surgery.* 2019 Dec 23.
- Brasel KJ, Klingensmith ME, Englander R, Grambau M, Buyske J, Sarosi G, Minter R. Entrustable Professional Activities in General Surgery: Development and Implementation. *J Surg Educ.* 2019 Sep - Oct;76(5):1174-1186.
- Lindeman B, Sarosi GA. Competency-based resident education: The United States perspective. *Surgery.* 2019 Aug 2. pii: S0039-6060(19)30364-2. doi: 10.1016/j.surg.2019.05.059.[Epub ahead of print]
- Greenberg JA, Minter RM. Entrustable Professional Activities: The Future of Competency-Based Education in Surgery May Already Be Here. *Ann Surg.* 2018 Dec 3. doi: 10.1097/SLA.0000000000003153. [Epub ahead of print] PubMed PMID: 30570541.
- Steiman J, Sullivan SA, Scarborough J, Wilke L, Pugh C, Bell RH, Kent KC. Measuring Competence in Surgical Training through Assessment of Surgical Entrustable Professional Activities. *J Surg Educ.* 2018 Nov;75(6):1452-1462.
- Steinemann S, Gardner A, Aulet T, Fitzgibbons S, Campbell A, Acton R. American College of surgeons /Association for Surgical Education Medical Student Simulation-based Surgical Skills Curriculum: Alignment with Entrustable Professional Activities. *Am J Surg.* 2018 Oct 15. pii: S0002-9610(18)30623-8. doi: 10.1016/j.amjsurg.2018.10.012. [Epub ahead of print]
- McClintic JA, Snyder CL, Brown KM. Curricular Innovation in the Surgery Clerkship: Can Assessment Methods Influence Development of Critical Thinking and Clinical Skills? *J Surg Educ.* 2018 Sep - Oct;75(5):1236-1244.
- Anderson CI, Basson MD, Ali M, Davis AT, Osmer RL, McLeod MK, Haan PS, Molnar RG, Peshkepija AN, Hardaway JC, Chojnacki KA, Pfeifer CC, Gauvin JM, Jones MW, Mansour MA; Michigan State University Guided Operative Assessment and Learning Consortium. Comprehensive Multicenter Graduate Surgical Education Initiative Incorporating Entrustable Professional Activities, Continuous Quality Improvement Cycles, and a Web-Based Platform to Enhance Teaching and Learning. *J Am Coll Surg.* 2018 Jul;227(1):64-76.
- Heimroth J, Jones VM, Howard JD Jr, Sutton ERH. Utilizing Surgical Bootcamps to Teach Core Entrustable Professional Activities to Senior Medical Students. *Am Surg.* 2018 Jun 1;84(6):783-788.
- McIlhenny C, Kurashima Y, Chan C, Hirano S, Domínguez-Rosado I, Stefanidis D. General surgery education across three continents. *Am J Surg.* 2017 Dec 5. pii: S0002-9610(17)31395-8
- Wagner JP, Lewis CE, Tillou A, Agopian VG, Quach C, Donahue TR, Hines OJ. Use of Entrustable Professional Activities in the Assessment of Surgical Resident Competency. *JAMA Surg.* 2017 Nov 15.
- Moore D, Young CJ, Hong J. Implementing entrustable professional activities: the yellow brick road towards competency-based training? *ANZ J Surg.* 2017 Aug 2
- Scally CP, Minter RM. Medical School Training for the Surgeon. *Surg ClinNorth Am.* 2016 Feb;96(1):1-13

Surgery

- Bilello JL, Jones TS, Billings JD, Jones EL, Wikiel KJ, Harrelson AM, Crafts TD. Operative Review Conference: A Framework for Surgical Trainee Operative Video Review Centered on Entrustable

- Professional Activities. *J Surg Educ.* 2026 Jul;83(7):103961. doi: 10.1016/j.jsurg.2026.103961. Epub 2026 May 2. PMID: 42070389.
- Weaver ML, Sun T, Johnson CE, Brooke BS, Park YS, Smith BK. Validity evidence for Entrustable Professional Activities assessments in surgery. *Acad Med.* 2026 Jun 3;wvav170. doi: 10.1093/acamed/wvav170. Epub ahead of print. PMID: 42236255.
 - Roche AF, Kavanagh DO, Crimmins D, O'Keeffe D, Healy V, Dablouk L, Condrón CM. Leveraging Simulation to Support Competency-Based Surgical Training. *J Surg Educ.* 2026 Jun;83(6):103959. doi: 10.1016/j.jsurg.2026.103959. Epub 2026 Apr 16. PMID: 41997029.
 - Ealing IV, Feenstra T, Whereat S, Forsyth R, Hong J, Dijkum ENV, Laurence J. Entrustable Professional Activities in Dutch General Surgical Training: Perspectives of Surgeons and Trainees. *J Surg Educ.* 2026 Jun;83(6):103936. doi: 10.1016/j.jsurg.2026.103936. Epub 2026 Apr 10. PMID: 41966575.
 - Serena T, Weaver ML, Sun T, Mannoia K, Soult MC, Etkin Y, Motaganahalli R, Smith BK. The Feasibility and Utility of Vascular Surgery Entrustable Professional Activities: A Multi-Institutional Pilot Study. *J Surg Educ.* 2026 May;83(5):103885. doi: 10.1016/j.jsurg.2026.103885. Epub 2026 Feb 15. PMID: 41691722.
 - Lam N, Tee MC, Nembhard CE, Son YA, Anand A, Arnow K, Tsai J, Peralta FC, Melcer EF, Liebert CA, Lin DT. Multi-Institutional Analysis of Entrust Performance With Competency-Based Surgical Education Metrics. *J Surg Educ.* 2026 May;83(5):103887. doi: 10.1016/j.jsurg.2026.103887. Epub 2026 Feb 18. PMID: 41713254.
 - Murillo A, Gomes C, Brian R, Lee YL, Faktor K, Alseidi A, Cate OT, O'Sullivan PS, Vu L. Development of Nested Entrustable Professional Activities: A Delphi Consensus Study in General Surgery. *J Grad Med Educ.* 2026 Apr;18(2):151-159. doi: 10.4300/JGME-D-25-00356.1. Epub 2026 Apr 15. PMID: 42005901; PMCID: PMC13086137.
 - Wang TN, Ellison EC, Go MR, Harzman AE, Haisley KR, Huang E, Chen XP. Diversity in operative coaching: exploring gender and race differences in evaluations. *Surg Endosc.* 2026 Mar;40(3):2616-2624. doi: 10.1007/s00464-025-12486-7. Epub 2026 Jan 28. PMID: 41606140.
 - Jones MP, Kasmirski JA, Song Z, McLeod MC, Gillis A, Fazendin J, Corey B, Lindeman B. Does Case Complexity Impact EPA Entrustment? Analysis Across PGY Levels and Phases of Care. *J Surg Educ.* 2026 Mar;83(3):103857. doi: 10.1016/j.jsurg.2025.103857. Epub 2026 Jan 21. PMID: 41570700.
 - Mahmood M, Umair M, Whelehan D, Ridgway PF. Assessing Surgeons' Professional Attitudes Toward End-of-Life Decision Making: A Standardized Simulation-Based Study With Thematic Analysis. *J Surg Educ.* 2026 Jan;83(1):103741. doi: 10.1016/j.jsurg.2025.103741. Epub 2025 Oct 18. PMID: 41110212.
 - Kasmirski JA, Harsono AAH, Swaminathan N, Herbey II, Gillis A, Fazendin J, Corey B, Lindeman B. EPAs Have Entered the Room: An Analysis of Residents' and Faculty Members' Perceptions. *J Surg Educ.* 2026 Jan;83(1):103752. doi: 10.1016/j.jsurg.2025.103752. Epub 2025 Oct 26. PMID: 41145104.
 - Zárate Rodríguez JG, Ohman KA, Wise PE. Creating and Disseminating Meaningful Education Research. *Clin Colon Rectal Surg.* 2025 Dec 1;39(4):267-275. doi: 10.1055/s-0045-1813669. PMID: 42266632; PMCID: PMC13246242.
 - Seale S, Gan CY, Liebert CA, Kempenich JW, Dent DL, Spain DA, Korndorffer JR Jr. Evaluation of the Quality of General Surgery Entrustable Professional Activities Using the EQual Rubric. *J Surg Educ.* 2025 Dec;82(12):103747. doi: 10.1016/j.jsurg.2025.103747. Epub 2025 Nov 12. PMID: 41233218.
 - Murillo AD, Gomes C, Lee YLS, Faktor KL, Brian RJ, Ten Cate O, Alseidi AA, O'Sullivan PS, Vu LT. Comparing High and Low Faculty EPA Assessment Completers: Insights to Improve EPA Implementation. *J Surg Educ.* 2025 Dec;82(12):103630. doi: 10.1016/j.jsurg.2025.103630. Epub 2025 Aug 21. PMID: 40846517.

- Luo X, Roberts H, Okechukwu V, Ghio M, Millsaps G, Wolff D, Yu D, Zhang J. Overcoming the Challenges of EPA Engagement: A Tool to Increase the Number of Submissions. *J Surg Educ.* 2025 Dec;82(12):103777. doi: 10.1016/j.jsurg.2025.103777. Epub 2025 Nov 11. PMID: 41224610.
- Lin Y, Wen Z, Li Y, Wei X, Zhang J, Yan T, Bao Z. Video-enhanced training for entrustable professional activities in preclinical oral surgery: a randomized controlled trial. *BMC Med Educ.* 2025 Dec 30;26(1):202. doi: 10.1186/s12909-025-08368-0. PMID: 41469643; PMCID: PMC12874939.
- Kasmirski JA, Jones MP, Swaminathan N, Song Z, McLeod MC, Brasel K, Sarosi G, Corey B, Lindeman B. Does PGY Level Equate Entrustment Level? Variability in Faculty Entrustment Ratings. *J Surg Educ.* 2025 Dec;82(12):103679. doi: 10.1016/j.jsurg.2025.103679. Epub 2025 Sep 1. PMID: 40897573.
- Jenkins P, Oran A, Chang CC, Jesneck J, Doberne J, Thanawala R. Not All EPAs Are Created Equal: Fixing Sampling Bias With Utility Modeling. *J Surg Educ.* 2025 Dec;82(12):103708. doi: 10.1016/j.jsurg.2025.103708. Epub 2025 Sep 26. PMID: 41006145.
- Ibrahim M, Axt S, Dechantsreiter J, Marty AP, Milazzo A, Mihaljevic AL, Kron P. „Entrustable professional activities“ – Ein Paradigmenwechsel in der chirurgischen Ausbildung von Quantität hin zu Qualität [Entrustable professional activities-A paradigm shift in the surgical training from quantity to quality]. *Chirurgie (Heidelb).* 2025 Dec;96(12):1015-1021. German. doi: 10.1007/s00104-025-02370-4. Epub 2025 Sep 4. PMID: 40906169.
- Acker R, McElroy L, Bumgardner GL, Hawn MT, Matthews JB, Kelz RR. An Entrustable Professional Activity for Research in Surgical Residency Training. *Ann Surg.* 2025 Dec 24. doi: 10.1097/SLA.0000000000007007. Epub ahead of print. PMID: 41437301.
- Sun T, Zheng B, Yamazaki K, Smith BK, Hamstra SJ. Association of ACGME Milestones With Other Performance Measures in General Surgery: A Meta-Analytic Study. *Acad Med.* 2025 Nov 1;100(11):1337-1344. doi: 10.1097/ACM.0000000000006142. Epub 2025 Jun 23. PMID: 40550143.
- Ealing IV, Whereat S, Forsyth R, Hong J, Laurence J. Evaluation of Entrustable Professional Activities Implemented in Australian General Surgical Training: Perspectives of Surgeons and Trainees. *J Surg Educ.* 2025 Nov;82(11):103707. doi: 10.1016/j.jsurg.2025.103707. Epub 2025 Oct 1. PMID: 41037931.
- Ault GT, Lim A, Peters A. Colorectal Surgery Education in 2040. *Clin Colon Rectal Surg.* 2025 Nov 26;39(4):253-260. doi: 10.1055/s-0045-1813667. PMID: 42266634; PMCID: PMC13246243.
- Anderson TN, Jenkins PD, Doberne JW, Mohan V, Thanawala RM. Defining the Clinical Informatics Knowledge Gap in General Surgery: Evaluation of Resident Experience and Perspectives. *J Surg Educ.* 2025 Nov;82(11):103682. doi: 10.1016/j.jsurg.2025.103682. Epub 2025 Sep 4. PMID: 40911943.
- Wild HB, Bednarek OL, van Riswijk H, Poonia K, Simon M, Palet EMM, Salehi M, Letoquart JP, Joos E, Joharifard S. VitalSurg: Outcomes From a Surgical Task- Shifting Training Program in a Humanitarian Context. *J Surg Educ.* 2025 Sep;82(9):103592. doi: 10.1016/j.jsurg.2025.103592. Epub 2025 Jul 3. PMID: 40614376.
- Sandhu G, Jones A, Barry CL, Buyske J, Mellinger JD, Lindeman B. Research Agenda for Entrustable Professional Activities Among US Surgical Specialties. *Ann Surg.* 2025 Jul 1;282(1):13-19. doi: 10.1097/SLA.0000000000006623. Epub 2025 Jan 9. PMID: 39781754.

Trauma care

- Bass GA, Duffy CC, Cannon JW, Yelon JA, Ferrada P, Evans S, Leonard JM, Kaplan LJ. Surgeon leadership in trauma resuscitation requires a competency- based multimodal training framework. *Trauma Surg Acute Care Open.* 2025 Nov 4;10(4):e001975. doi: 10.1136/tsaco-2025-001975. PMID: 41200505; PMCID: PMC12588015.
- Millham LRI, Potter J, Hirsh DA, Trinh NH, Royce CS, Levy-Carrick NC, Rittenberg E. Incorporation of Trauma-Informed Care Into Entrustable Professional Activities for Medical Student

Assessment. Acad Med. 2025 Mar 1;100(3):290-294. doi: 10.1097/ACM.0000000000005824. Epub 2024 Jul 23. PMID: 39042418.

Urology

- Xu B, Zhang J, Ye L, Yuan C. Constructing an Evaluation and Assessment System for Urology Specialists Based on Entrustable Professional Activities. Arch Esp Urol. 2024 Nov;77(9):999-1006. doi: 10.56434/j.arch.esp.urol.20247709.142. PMID: 39632522.
- Wang PZT, Chan E, Forster A, De Dios JV, Sener A, Dave S, Chahine S. Perceptions on Competence by Design in urology. Can Urol Assoc J. 2018 Nov 20. doi: 10.5489/cuaj.5610. [Epub ahead of print]

Women's health

- McClintock AH, Rusiecki J, Casas RS, Henrich JB, Schwarz EB, Kwolek DG; And the Sex and Gender Based Women's Health Education EPA workgroup. Special Report: Entrustable Professional Activities in Sex- and Gender-Based Women's Health. J Gen Intern Med. 2025 Jan;40(1):82-88. doi: 10.1007/s11606-024-08843-2. Epub 2024 Jun 10. PMID: 38858342; PMCID: PMC11780014.
- Amare EM, Siyoum MT, Abubeker FA, Tufa TH, Hailemeskel AT. Designing the Future of Medical Education: The EPA Framework as a Catalyst to Inform Family Planning and Reproductive Health Fellowship Training Program in Ethiopia Medical Education: An Exploratory Sequential Mixed Method Study. Adv Med Educ Pract. 2024 Mar 13;15:189-200. doi: 10.2147/AMEP.S438315. PMID: 38505496; PMCID: PMC10949272.

Global Health

- Shrivastava SR, Gade S, Rawekar A. Assessment of entrustable professional activities among master of public health students: A study protocol. J Educ Health Promot. 2025 Apr 30;14:178. doi: 10.4103/jehp.jehp_1544_24. PMID: 40400583; PMCID: PMC12094467.

EPAs for other health professions

Allied health (general)

- Zainuldin R, Tan HY. Entrustable Professional Activities Developed for Allied Health Entry-Level Programs Across a National Level Training Standards Framework in Singapore. J Allied Health. 2023 Summer;52(2):104-112.

Chiropraxis

- Marchand AM. Determining undergraduate pediatric chiropractic competencies and entrustable professional activities: A mixed-method study. J Chiropr Educ. 2026 Feb 13;40(1):eJCE-24-9. doi: 10.7899/JCE-24-9. PMID: 41759911; PMCID: PMC12947566.
- Gliedt JA, Mathers KS, King J, Schneider MJ, Wiles MR. The development and introduction of entrustable professional activities at 2 community-based chiropractic student preceptorship sites in the United States. J Chiropr Educ. 2024 Oct 23;38(2):161-171. doi: 10.7899/JCE-23-26. PMID: 38626920.

Dietetics

- Ballesteros-Pomar MD, Antequera M, Botana-López MA, Beato-Víborá P, Eduardo Lander L, Moreno-Moreno P, Merino-Torres JF, Nicolau J, Vázquez L, Puig-Domingo M. Looking into the future: The updated Endocrinology and Nutrition residency training program in Spain. Endocrinol Diabetes Nutr (Engl Ed). 2026 Mar;73(3):501714. doi: 10.1016/j.endien.2026.501714. PMID: 41802895.

- Bramley A, Forsyth A, McKenna L. Development and evaluation of Entrustable Professional Activities embedded in an e-portfolio for work-based assessment in community and public health dietetics. *Health Soc Care Community*. 2022 Nov;30(6):e5445-e5456.
- Bramley A, Forsyth A, McKenna L. Validity and Educational Impact of Clinical Entrustable Professional Activities Linked to the Nutrition Care Process for Work-Based Assessment of Entry-Level Dietetics Students: Evaluation of a 3-Year Implementation Study in Australia. *J Acad Nutr Diet*. 2022 Sep 8:S2212-2672(22)00983-2. doi: 10.1016/j.jand.2022.09.009. Epub ahead of print.
- Begley A, Bird A, Palermo C. Developing National Conceptual Understanding to Describe Entry-to-Practice Dietetics Competence. *J Nutr Educ Behav*. 2020 Apr;52(4):351-358.

Dentistry

- Lee JY, Vann WF Jr, Simancas-Pallares MA. Advancing Paediatric Dentistry Faculty Calibration for Predoctoral Education Using Entrustable Professional Activities. *Eur J Dent Educ*. 2026 Jun 23. doi: 10.1111/eje.70221. Epub ahead of print. PMID: 42338225.
- Kallio JK, Vamos CA, Chapman NG, Mihos P, Prasad S, Tittermore A, Uyan D, Muszkopf ML, Stadler AF, Guthmiller JM, Quinonez RB. Entrustment and Practice Readiness: Learner Experiences With Implementing Longitudinal Assessment Using Entrustable Professional Activities. *J Dent Educ*. 2026 Jun 28. doi: 10.1002/jdd.70287. Epub ahead of print. PMID: 42366699.
- Cully JL, Quinonez RB, Tate AR, Schwartz SB. Five-Year Update on Pediatric Dentistry Entrustable Professional Activities: Next Steps. *J Dent Educ*. 2026 May 29. doi: 10.1002/jdd.70273. Epub ahead of print. PMID: 42212352.
- Finger Stadler A, Kistler D, Menon RS, Islamoglu H, Mashkoo F, Shackelford AJ, Premaraj T. How Are Entrustable Professional Activities Shaping the Future of Dental Education in the United States? *J Dent Educ*. 2026 Apr;90(4):546-550. doi: 10.1002/jdd.13998. Epub 2025 Jul 24. PMID: 40708174.
- Hissink E, Kersbergen MJ, Creugers NHJ, Fluit CRMGL, Nieuwenhuis AFML, Fokkinga WA. Supervising for trust in an EPA based curriculum: a focused ethnography of supervisors' entrustment decisions in dental education. *BMC Med Educ*. 2026 Mar 12;26(1):639. doi: 10.1186/s12909-026-08877-6. PMID: 41814282; PMCID: PMC13094280.
- Amir-Rad F, Morison S, Alsabeeha N, Zary N, McKenna G. Development of entrustable professional activities for competency-based prosthodontic specialty training programmes. *J Dent*. 2026 Mar;166:106509. doi: 10.1016/j.jdent.2026.106509. Epub 2026 Jan 16. PMID: 41548798.
- Uyan DÇ, Tittermore A, Stewart D, Susin C, Duqum I, Finger Stadler A, Walker M, Muszkopf M, Vasconcellos AB, Broome A, Gadziola E, Syed Y, Guthmiller JM, Quinonez RB. Longitudinal Assessment Using Entrustable Professional Activities: Key Steps for Implementation in Dental Education. *J Dent Educ*. 2026 Jan;90(1):74-84. doi: 10.1002/jdd.13924. Epub 2025 May 5. PMID: 40325493.
- Kosić N, Gerhardt-Szép S. Twenty-one Entrusted Professional Activities in German Dental Education-Day-One Competencies. *J Dent Educ*. 2026 Jan;90(1):43-50. doi: 10.1002/jdd.13931. Epub 2025 May 2. PMID: 40317480; PMCID: PMC12800722.
- Abu Bakar N, Roslan NS, Yusoff MSB, Hassan MIA. Development of entrustable professional activities for dental educators: a modified Delphi study. *BMC Med Educ*. 2025 Nov 26;25(1):1699. doi: 10.1186/s12909-025-08119-1. PMID: 41299582; PMCID: PMC12713280.
- Yousuf AM, Barakaat AA, Tahir K, Sukhia RH, Fida M. Evaluating faculty and trainee perceptions on entrustable professional activities in dental postgraduate training: a cross-sectional survey. *BMC Med Educ*. 2025 Aug 18;25(1):1172. doi: 10.1186/s12909-025-07366-6. PMID: 40826065; PMCID: PMC12359994.
- Quinonez RB, Broome A, Çankaya Uyan D, Tittermore A, Finger Stadler A, Muszkopf M, Jacobs A, Susin C, Duqum I, Moberly K, Vasconcellos AB, Ribeiro AA, Nesbit S, Alkhadra R, Guthmiller J. Aligning dental curriculum to support an entrustable professional activities framework: Structure,

instruction, assessment, and infrastructure. *J Dent Educ.* 2025 Aug;89(8):1227-1232. doi: 10.1002/jdd.13680. Epub 2024 Aug 3. PMID: 39096190.

- Aldahlawi SA, Zaini RG, Almoallim HM. Entrustable professional activities (EPAs) in postgraduate periodontics programs in Saudi Arabia: A modified Delphi study. *J Dent Educ.* 2025 Jul;89(7):1042-1050. doi: 10.1002/jdd.13791. Epub 2024 Nov 17. PMID: 39552118; PMCID: PMC12268118.
- Abu Bakar N, Roslan NS, Haq MA, Mustafa Byrnes Y, Yusoff MSB. Functional Elements of Entrusted Professional Activities for Dental Educators: Protocol for a Scoping Review. *JMIR Res Protoc.* 2025 Jun 25;14:e74225. doi: 10.2196/74225. PMID: 40560634
- Sethi A, Haq MA, Zaidi SJA, Baig QA. Developing entrustable professional activities for undergraduate operative dentistry clerkship. *BMC Med Educ.* 2024 Dec 20;24(1):1505. doi: 10.1186/s12909-024-06525-5. PMID: 39707311; PMCID: PMC11660771.
- Quinonez RB, Vamos CA, Obure R, Çankaya Uyan D, Tittlemore A, Susin C, Broome A, Duqum I, Musskopf ML, Phillips K, Stewart D, Guthmiller JM. Using implementation science to evaluate longitudinal assessment of entrustable professional activities in dental education. *J Dent Educ.* 2024 Dec;88(12):1709-1719. doi: 10.1002/jdd.13780. Epub 2024 Nov 20. PMID: 39568169.
- Jones ML, Silk H, Savageau JA. A case study on development of a spiral oral health curriculum for medical students. *J Dent Educ.* 2024 Nov 12. doi: 10.1002/jdd.13769. Epub ahead of print. PMID: 39533534.
- Khan SB, Maart R. Clinical assessment strategies for competency-based education in prosthetic dentistry. *J Dent Educ.* 2024 Oct 22. doi: 10.1002/jdd.13746. Epub ahead of print. PMID: 39436275.
- Tan AJQ, McKenna L, Bramley A, van Houwelingen T, Tan LLC, Lim YJ, Lau ST, Liaw SY. Telemedicine entrustable professional activities for nurses in long- term care: A modified Delphi study. *Nurse Educ Today.* 2024 Sep;140:106264. doi: 10.1016/j.nedt.2024.106264. Epub 2024 May 25. PMID: 38823089.
- Latta MA, Radniecki SM. Challenges and opportunities in preparing dentists for primary care. *J Dent.* 2024 Jun;145:104976. doi: 10.1016/j.jdent.2024.104976. Epub 2024 Apr 2. PMID: 38574845.
- Ramaswamy V, Danciu T, Kennedy EN, Romito L, Stewart D, Gul G, Marucha P, Quinonez RB. American Dental Education Association Compendium Entrustable Professional Activities Workgroup report. *J Dent Educ.* 2024 May;88(5):639-653. doi: 10.1002/jdd.13542. Epub 2024 May 2. PMID: 38693898.
- Cully JL, Schwartz SB, Martini A, Quinonez RB, Harun N, Schumacher DJ, Klein M. Program Director Attitudes Toward Acceptance of Pediatric Dentistry Entrustable Professional Activities (EPAs). *Pediatr Dent.* 2024 Mar 15;46(2):121-134. PMID: 38664905.
- Quinonez RB, Broome A, Nesbit S, Tittlemore A, Kowlowitz V, Duqum I, Uyan D, Musskopf ML, Phillips K, Moretti A, Mason M, Jacobs A, Brian Z, Simancas-Pallares M, Swift EJ Jr, Ramaswamy V, Guthmiller JM. Developing entrustable professional activities for general dentistry at the University of North Carolina. *J Dent Educ.* 2023 Dec;87(12):1718-1724. doi: 10.1002/jdd.13374. Epub 2023 Sep 23. PMID: 37740716.
- Heydecke G, Mirzakhani C. Entrustable Professional Activities (EPA) im Modellstudiengang Zahnmedizin „iMED DENT“ am Universitätsklinikum Hamburg-Eppendorf [Entrustable professional activities (EPAs) in the "iMED DENT" model of undergraduate dental training at the University Medical Center Hamburg-Eppendorf]. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz.* 2023 Nov 14. German. doi: 10.1007/s00103-023-03803-3. Epub ahead of print.
- Quinonez RB, Danciu T, Ramaswamy V, Murdoch-Kinch CA. Bridging the gap between dental education and clinical practice: The entrustable professional activities model. *J Am Dent Assoc.* 2023 Aug;154(8):687-689. doi: 10.1016/j.adaj.2023.05.009. Epub 2023 Jun 22.

- Hunziker S, Newman K. Qualitative analysis of advanced pharmacy practice experience goals. *Curr Pharm Teach Learn*. 2023 Apr;15(4):353-359.
- Ehlinger C, Fernandez N, Strub M. Entrustable professional activities in dental education: a scoping review. *Br Dent J*. 2023 Feb;234(3):171-176.
- Wolcott MD, Shazib M, Cromartie J, Cain KW, De Rossi SS. Responding to emerging oral healthcare needs with CARE: Design of the CARE curriculum model. *J Dent Educ*. 2022 Nov;86(11):1505-1512.
- Quinonez RB, Tittlemore A, Mason M, Broome A, Wolcott M, Kornegay EC, Duqum I, Fearnow B, Phillips K, King J, Swift EJ Jr. Preparing for implementation of an entrustable professional activity assessment framework. *J Dent Educ*. 2022 Nov;86(11):1529-1534. doi: 10.1002/jdd.13014.
- Cully JL, Schwartz SB, Quinonez R, Martini A, Klein M, Schumacher DJ. Development of entrustable professional activities for post-doctorate pediatric dentistry education. *J Dent Educ*. 2022 Sep 2. doi: 10.1002/jdd.13096. Epub ahead of print. PMID: 36052829.
- Kelly GM, Roberts A, Lynch CD. A literature review: Entrustable professional activities, an assessment tool for postgraduate dental training? *J Dent*. 2022 May;120:104099. doi: 10.1016/j.jdent.2022.104099. Epub 2022 Mar 23. PMID: 35337899.
- Arunachalam S, Pau A, Nadarajah VD, Babar MG, Samarasekera DD. Entrustable professional activities in undergraduate dental education: A practical model for development and validation. *Eur J Dent Educ*. 2022 Apr 28. doi: 10.1111/eje.12809. Epub ahead of print. PMID: 35484781.
- Cully JL, Schwartz SB. Pediatric Dentistry Program Directors' Resident Assessment Techniques. *Pediatr Dent*. 2022 Jan 15;44(1):38-44. PMID: 35232535.
- Ramaswamy V, Munz SM, Nalliah R, Fitzgerald M, Dragan IF, Karimbux N, Shin K, Danciu TE. Entrustable professional activities framework for assessment of patient handoffs in dentistry. *J Dent Educ*. 2021 Sep 23. doi: 10.1002/jdd.12787. Epub ahead of print. PMID: 3455457
- Ramaswamy V, Fitzgerald M, Danciu T, Nalliah R, de Peralta T, Munz SM, Murdoch-Kinch CA. Entrustable professional activities framework for assessment in predoctoral dental education, developed using a modified Delphi process. *J Dent Educ*. 2021 Aug;85(8):1349-1361. doi: 10.1002/jdd.12620. Epub 2021 Apr 19. PMID: 33876437
- Hissink E, Fokkinga WA, Leunissen RRM, Lia Fluit CRMG, Loek Nieuwenhuis AFM, Creugers NHJ. An innovative interprofessional dental clinical learning environment using entrustable professional activities. *Eur J Dent Educ*. 2021 Jan 29. doi: 10.1111/eje.12671. Epub ahead of print.
- Wolcott MD, Quinonez RB, Ramaswamy V, Murdoch-Kinch CA. Can we talk about trust? Exploring the relevance of "Entrustable Professional Activities" in dental education. *J Dent Educ*. 2020 Sep;84(9):945-948.
- Wolcott MD, Mason MR, Broome AM, Tittlemore AJ, De Rossi SS, Quinonez RB. Faculty perspectives of an entrustable professional activity (EPA) framework in predoctoral dental education. *J Dent Educ*. 2020 Sep;84(9):955-963.
- Tonni I, Gadbury-Amyot CC, Govaerts M, Ten Cate O, Davis J, Garcia LT, Valachovic RW. ADEA-ADEE Shaping the Future of Dental Education III: Assessment in competency-based dental education: Ways forward. *J Dent Educ*. 2020 Jan;84(1):97-104. .
- Goodell KH(1), Ticku S(2), Fazio SB(2), Riedy CA(2). Entrustable Professional Activities in Oral Health for Primary Care Providers Based on a Scoping Review. *J Dent Educ*. 2019 Dec;83(12):1370-1381.
- Cully JL, Schwartz S. The Argument for Entrustable Professional Activities in Pediatric Dentistry. *Pediatr Dent*. 2019 Nov 15;41(6):427-428.

Midwifery

- Baluwa MA, Mndolo NCM, Yeboa NK, Mpeta-Phiri C, Haruzivishe C, Chirwa E. Clinical Competency During Undergraduate Midwifery Training in Malawi: A Concept Analysis. *Adv Med Educ Pract*. 2023 Sep 26;14:1067-1075. doi: 10.2147/AMEP.S426347. PMID: 37789928; PMCID: PMC10543071.

Nursing

- Moore J, Chan T, Doucette J, Slager D. Development and Validation of the Nurse Practitioner Clinical Competency Progression Rubric. *Nurse Educ.* 2026 Jul- Aug 01;51(4):186-192. doi: 10.1097/NNE.0000000000002155. Epub 2026 Mar 27. PMID: 41894617.
- Qayumi K, Omar F, Noora M, Masoumian Hosseini ST, Hosseini MM, Naebkhil A, Aziz S, Mansurih P, Waqef S, Oryakhil N, Wahidi A, Karimi H, Kapoor A, Fekrat S, Noorandish M, Tanin FH, Rostami Z, Ebadi H, Ebadi H, Shabon R, Mohammed Y, Allahyar S, Soltan A, Hazhir M, Wisbauer S, Waziri M, Ferrereso A. A competency- based digital medical education model in conflict-affected settings. *EClinicalMedicine.* 2026 Jun 16;96:104011. doi: 10.1016/j.eclinm.2026.104011. PMID: 42358800; PMCID: PMC13292264.
- Johnson CE, Wakhlu A, Yeung VA, Meiklejohn S, McCarthy R, Snedden S, Frank JR, Crotty B, Schuwirth LW, Castanelli DJ, Bramley A. Implementation of entrustable professional activities for interns within the new Australian National Framework: a pilot study using action-research to explore utility, and clarify challenges and enablers. *BMC Med Educ.* 2026 May 13. doi: 10.1186/s12909-026-09349-7. Epub ahead of print. PMID: 42129760.
- Peddapalegani P, Gupta R, Bansal P, Nainwal P, Srinivasan H. Comment on "Developing an Evaluation Framework Based on Entrustable Professional Activities for Advanced Practice Nurses in China". *Int Nurs Rev.* 2026 Mar;73(1):e70171. doi: 10.1111/inr.70171. PMID: 41729105.
- Palma L. Evaluating the Effectiveness of the Symptom-Centered Competency Assessment Frameworks in Assessing Clinical Skill Progression in Nurse Practitioner Students. *Nurse Educ.* 2026 Mar-Apr 01;51(2):E142-E146. doi: 10.1097/NNE.0000000000002043. Epub 2025 Nov 18. PMID: 41255309.
- Han S, Dong W, Duan X, Chen F, Cao G, Zhu R, Zhang Q. Developing an Evaluation Framework Based on Entrustable Professional Activities for Advanced Practice Nurses in China. *Int Nurs Rev.* 2026 Mar;73(1):e70151. doi: 10.1111/inr.70151. PMID: 41562497; PMCID: PMC12821572.
- Fingeret AL, Cloonan MR, Nelson K, Haggart F, Buesing KL, Talmon G, Beam E. Improving Order-Entry Competency: Insights from Interprofessional Stakeholders to Inform Medical Education. *Acad Med.* 2026 Mar 25;wvag089. doi: 10.1093/acamed/wvag089. Epub ahead of print. PMID: 41883117.
- Lin YS, Chen JW, Chang WW. Enhancing healthcare education: Validation of the traditional chinese EQual rubric for effective assessment of entrustable professional activities. *Nurse Educ Pract.* 2025 Aug;87:104463. doi: 10.1016/j.nepr.2025.104463. Epub 2025 Jul 9. PMID: 40675029.
- Hu SH, Tsay SL, Huang SS, Tung HH, Chen YR, Lu LC, Chang C, Hu JY, Hung WC. Development and Validation of an Entrustable Professional Activity-Based Assessment Scale for Nurse Practitioners in Taiwan. *J Nurs Res.* 2025 Aug 1;33(4):e399. doi: 10.1097/jnr.0000000000000682. PMID: 40550001; PMCID: PMC12316111.
- Chang L. [Entrustable Professional Activities in Advanced Nursing Education: Implications for Curriculum Design and Clinical Competency Development]. *Hu Li Za Zhi.* 2025 Aug;72(4):23-30. Chinese. doi: 10.6224/JN.202508_72(4).04. PMID: 40738864.
- Chang CC. [Entrustment: Innovation and Practice in Nursing Education]. *Hu Li Za Zhi.* 2025 Aug;72(4):4-6. Chinese. doi: 10.6224/JN.202508_72(4).01. PMID: 40738861.
- Chang CC, Chiou YE, Liu XY. [Advancing Nursing Education Through Entrustable Professional Activities: Bridging Academic Education and Clinical Training]. *Hu Li Za Zhi.* 2025 Aug;72(4):7-14. Chinese. doi: 10.6224/JN.202508_72(4).02. PMID: 40738862.
- Pietsch J, Maaz A, Kottner J. Entrustable professional activities in nursing education: a scoping review. *BMJ Open.* 2025 May 30;15(5):e094609. doi: 10.1136/bmjopen-2024-094609. PMID: 40447424; PMCID: PMC12128411.
- Willetts G, Maguire T. The Natural Progression for Nursing Practice: "Competency-Based Frameworks" to "Entrustable Professional Activities". *Nurs Health Sci.* 2025 Mar;27(1):e70065. doi: 10.1111/nhs.70065. PMID: 39948719.

- Meng Z, Haidan C, Junye T, Qian L, Xin Q, Cheng W. Development of entrustable professional activities for novice nurses: A modified Delphi study. *Nurse Educ Pract.* 2024 Nov;81:104181. doi: 10.1016/j.nepr.2024.104181. Epub 2024 Oct 28. PMID: 39486350.
- Yang Y, Han Y, Xu H, Wang T, Li Z, Huang K, Jiang X, Ji Y, Xu Q. Development of the core competency-based entrustable professional activities for Master of Nursing Specialist (MNS) graduates in China. *Med Teach.* 2024 Oct;46(10):1328-1336. doi: 10.1080/0142159X.2024.2308074. Epub 2024 Jan 31. PMID: 38295767.
- Pool IA, van Zundert H, Ten Cate O. Facilitating flexibility in postgraduate nursing education through entrustable professional activities to address nursing shortages and career prospects. *Int Nurs Rev.* 2024 Sep;71(3):419-423. doi: 10.1111/inr.12892. Epub 2023 Oct 11. PMID: 37822125.
- Moore J, Chan T, Doucette J, Lipps T, Slager D. Defining Nurse Practitioner Core Entrustable Professional Activities: Essential Step Toward Competency-Based Education. *Nurse Educ.* 2024 Sep-Oct 01;49(5):235-240. doi: 10.1097/NNE.0000000000001673. Epub 2024 Jun 10. PMID: 38857420.
- Anthamatten A, Pitts C. Integration of Entrustable Professional Activities in a Competency-Based Clinical Assessment Tool in a Nurse Practitioner Program. *Nurse Educ.* 2024 Sep-Oct 01;49(5):241-245. doi: 10.1097/NNE.0000000000001697. Epub 2024 Jul 22. PMID: 39072438.
- Kao HS, Hung CC, Fowler KR, Chu TP, Kiani S. AACN competency-based essentials revisit: Evidence-based validation of entrustable professional activities in Asia. *Nurse Educ Pract.* 2024 Aug;79:104096. doi: 10.1016/j.nepr.2024.104096. Epub 2024 Aug 9. PMID: 39173394.
- Chang CY, Setiani I, Darmawansah D, Yang JC. Effects of game-based learning integrated with the self-regulated learning strategy on nursing students' entrustable professional activities: A quasi-experimental study. *Nurse Educ Today.* 2024 Aug;139:106213. doi: 10.1016/j.nedt.2024.106213. Epub 2024 Apr 10. PMID: 38640556.
- Al-Moteri M. OWIED System to Facilitate the Entrustment Decision in EPA Implementation. *J Nurs Educ.* 2024 Jun;63(6):356-365. doi: 10.3928/01484834-20240404-02. Epub 2024 Jun 1. PMID: 38900268.
- Neubeck L, Ross C, Jones J, Simpson M, Mindham R, Jaarsma T, Uchmanowicz I, Hinterbuchner L, Astin F. The Core Curriculum for Cardiovascular Nurses and Allied Professionals. *Eur J Cardiovasc Nurs.* 2023 Oct 19;22(7):e62-e113. doi: 10.1093/eurjcn/zvad035. PMID: 37067252.
- Lai WS, Liu LC, Chen HM, Anna A. Integrated immediate postmortem and acute bereavement care: Competency-based entrustable professional activities for nursing. *Nurse Educ Today.* 2023 Jul;126:105812. doi: 10.1016/j.nedt.2023.105812. Epub 2023 Apr 12.
- Spies LA, Feutz K. Developing and Implementing Entrustable Professional Activities to Prepare Global Nurses. *J Transcult Nurs.* 2023 Jan;34(1):100-105.
- NURSINGAlexander N, Maaz A, Peters H, Kottner J. Entrustable professional activities in nursing education: a scoping review protocol. *BMJ Open.* 2022 Oct 3;12(10):e061451
- Zhou W, Poh CL, Chan HL, Shorey S. Development of entrustable professional activities for advanced practice nurses education. *Nurse Educ Today.* 2022 Sep;116:105462.
- Corrigan C, Moran K, Kesten K, Conrad D, Manderscheid A, Beebe SL, Pohl E. Entrustable Professional Activities in Clinical Education: A Practical Approach for Advanced Nursing Education. *Nurse Educ.* 2022 Sep-Oct 01;47(5):261-266.
- Chiang YH, Yu HC, Chung HC, Chen JW. Implementing an entrustable professional activities programmatic assessments for nurse practitioner training in emergency care: A pilot study. *Nurse Educ Today.* 2022 Aug;115:105409. doi: 10.1016/j.nedt.2022.105409. Epub 2022 May 24. PMID: 35636245.
- Corrigan C, Moran K, Kesten K, Conrad D, Hussey P, Manderscheid A, Pohl E. Competency-Based Education and Entrustable Professional Activities: An Electronic Clinical Tracking System Solution. *Comput Inform Nurs.* 2022 Jul 1;40(7):429-434. doi: 10.1097/CIN.0000000000000924. PMID: 35524341.

- Hung CC, Cheng CY, Chu TP. [Application and Recommendation of Entrustable Professional Activities (EPAs) in Nursing Education]. *Hu Li Za Zhi*. 2022 Jun;69(3):95-101. Chinese. doi: 10.6224/JN.202206_69(3).13. PMID: 35644602.
- Lau ST, Ang E, Shorey S, Lau Y. Entrustable professional activity assessment tool for clinical procedures: A psychometric study. *J Clin Nurs*. 2021 Oct;30(19-20):2822-2831. doi: 10.1111/jocn.15788. Epub 2021 Apr 9. PMID: 33835595.
- Al-Moteri M, Youssef HAM, Elryah AAI, Yaseen RWH, Begum F, Abdelgadir WI, Al Malki M. Development of undergraduate nursing entrustable professional activities through using a participatory design approach. *J Prof Nurs*. 2021 Jul-Aug;37(4):741-748.
- Al-Moteri M. Entrustable professional activities in nursing: A concept analysis. *Int J Nurs Sci*. 2020 Jun 20;7(3):277-284.
- Thompson J. Entrustable professional activities for nurse practitioner preparation. *Nurse Educ Today*. 2020 Apr 19;90:104439. doi: 10.1016/j.nedt.2020.104439. Epub ahead of print. PMID: 32335499.
- Lau ST, Ang E, Samarasekera DD, Shorey S. Evaluation of an undergraduate nursing entrustable professional activities framework: An exploratory qualitative research. *Nurse Educ Today*. 2020 Apr;87:104343.
- Lau ST, Ang E, Samarasekera DD, Shorey S. Development of undergraduate nursing entrustable professional activities to enhance clinical care and practice. *Nurse Educ Today*. 2020 Apr;87:104347.
- Anthamatten A, Pfieffer ML, Richmond A, Glassford M. Exploring the Utility of Entrustable Professional Activities as a Framework to Enhance Nurse Practitioner Education. *Nurse Educ*. 2020 Mar/Apr;45(2):83-87.
- Beamer JC, Kromer RS, Jeffery AD. Imagining an Orientation Built on Trust. *J Nurses Prof Dev*. 2020;36(1):2-6.
- Hodges AL, Konicki AJ, Talley MH, Bordelon CJ, Holland AC, Galin FS. Competency-based education in transitioning nurse practitioner students from education into practice. *J Am Assoc Nurse Pract*. 2019 Nov;31(11):675-682.
- Ramirez E, Schumann L, Agan D, Hoyt KS, Wilbeck J, Tyler D, Evans DD. Beyond competencies: Practice standards for emergency nurse practitioners-A model for specialty care clinicians, educators, and employers. *J Am Assoc Nurse Pract*. 2018 Oct;30(10):570-578.
- Wagner LM, Dolansky MA, Englander R. Entrustable professional activities for quality and patient safety. *Nurs Outlook*. 2018 May - Jun;66(3):237-243.
- van Houwelingen CT, Moerman AH, Ettema RG, Kort HS, Ten Cate O. Competencies required for nursing telehealth activities: A Delphi-study. *Nurse Educ Today*. 2016 Apr;39:50-62.
- Hoyt KS, Ramirez EG, Proehl JA. Making a Case for Entrustable Professional Activities for Nurse Practitioners in Emergency Care. *Adv Emerg Nurs J*. 2017 Apr/Jun;39(2):77-80.

Occupational therapy

- Fu CP, Huang CK, Yang YC, Liao WS, Huang SM, Chang WD, Chen YJ, Li MW, Lin YJ, Wu CL, Chi HY, Lee CY, Chiang FM, Chen YL, Tsou CF, Liu TH, Su CT, Yang AL, Kuo NC, Chang WY. Developing an entrustable professional activity for providing health education and consultation in occupational therapy and examining its validity. *BMC Med Educ*. 2024 Jun 28;24(1):705. doi: 10.1186/s12909-024-05670-1. PMID: 38943116; PMCID: PMC11214254.

Optometry

- Buthelezi S. Bridging competence and practice: The role of Entrustable Professional Activities (EPAs) in optometric education. *Ophthalmic Physiol Opt*. 2025 Nov;45(7):2063-2071. doi: 10.1111/opo.13562. Epub 2025 Jul 30. PMID: 40735882; PMCID: PMC12682113.

- Watt K, Jalbert I, Jhala P, Robinson L. Could entrustable professional activities support assessment in optometric clinical education in Australia and New Zealand? *Clin Exp Optom.* 2025 Apr;108(3):240-247. doi: 10.1080/08164622.2024.2448230. Epub 2025 Jan 20. PMID: 39832452.
- Holmes W, Porter C, van Tilborg MMA. The potential for using entrustable professional activities in assessing optometric clinical competence. *Ophthalmic Physiol Opt.* 2024 Sep;44(6):1138-1141. doi: 10.1111/opo.13343. Epub 2024 Jun 1. PMID: 38822729.

Pharmacy

- Alexander AJ, Vascimini A, Egelund EF, Whitner C, Curtis SD. Linking entrustable professional activities and professional practice skills laboratory modules to reinforce student learning and practice readiness for community introductory pharmacy practice experiences. *Curr Pharm Teach Learn.* 2026 Jul;18(7):102638. doi: 10.1016/j.cptl.2026.102638. Epub 2026 Apr 1. PMID: 41921280.
- Schroeder MN, Murphy JA, Lengel AJ, Cruz BD. Retraction notice to "A level of trust: Exploring entrustable professional activities as a feedback tool in a skills lab" [*Currents in Pharmacy Teaching and Learning* 15 (2023) 1034-1039]. *Curr Pharm Teach Learn.* 2026 Jun;18(6):102603. doi: 10.1016/j.cptl.2026.102603. Epub 2026 Feb 23. PMID: 41735152.
- Lin YS, Chang JC. Development and quality appraisal of entrustable professional activities for anticancer therapy nursing: groundwork for competency-based oncology education. *BMC Nurs.* 2026 Jun 29. doi: 10.1186/s12912-026-04958-5. Epub ahead of print. PMID: 42374428.
- Syed A, Pereira J, Manson K, Miller A, Houle SKD, Waite NM. Entrustable professional activities (EPAs) for pharmacy students during experiential education: A comparative analysis. *Curr Pharm Teach Learn.* 2026 May;18(5):102601. doi: 10.1016/j.cptl.2026.102601. Epub 2026 Feb 7. PMID: 41655431.
- Al-Diery T, Marotti S, Rowett D, Johnson JL. Modes of trust and decision- making processes: A real-world exploration of entrustment decision-making in clinical supervision. *Med Teach.* 2026 May 4:1-14. doi: 10.1080/0142159X.2026.2663867. Epub ahead of print. PMID: 42077132.
- Abeyaratne C, Fawal N, Galbraith K. Entrustable Professional Activities for Pharmacists Carrying Out Medication Management Reviews. *Pharmacy (Basel).* 2026 May 19;14(3):75. doi: 10.3390/pharmacy14030075. PMID: 42200962; PMCID: PMC13214893.
- Kennedy DR, Medina MS, Melchert RB, Pesaturo KA. Clarifying the Addition of Scientific Thinking as a Subdomain to the COEPA and 2025 ACPE Standards. *Am J Pharm Educ.* 2025 Dec;89(12):101890. doi: 10.1016/j.ajpe.2025.101890. Epub 2025 Oct 29. PMID: 41173277.
- Malhotra A, Weldon D, Dey S. Strategies for Effectuating Learner Readiness for COEPA through Enhanced Integration of Foundational and Clinical Sciences. *Am J Pharm Educ.* 2025 Nov;89(11):101476. doi: 10.1016/j.ajpe.2025.101476. Epub 2025 Jul 18. PMID: 40685084.
- Vascimini A, Alexander A, Phillips B, Curtis S. Establishing a skills laboratory peer teaching assistant program in pharmacy education. *Curr Pharm Teach Learn.* 2025 Oct;17(10):102434. doi: 10.1016/j.cptl.2025.102434. Epub 2025 Jul 6. PMID: 40623335.
- Ohman TA, Richter LM, Dewey M, Vigen K. Multisite survey of pharmacy student perspectives of the layered learning model and ability to participate in core entrustable professional activities during advanced pharmacy practice experiences. *Curr Pharm Teach Learn.* 2025 Oct;17(10):102436. doi: 10.1016/j.cptl.2025.102436. Epub 2025 Jul 5. PMID: 40618500.
- Medina MS, Castleberry AN, Fulford M, Gortney J, Lockman K, Augustine J. Across the Annual Meeting Tables: Evaluating Pharmacy Faculty Members' Understanding of COEPA Assessment Strategies. *Am J Pharm Educ.* 2025 Oct;89(10):101495. doi: 10.1016/j.ajpe.2025.101495. Epub 2025 Aug 26. PMID: 40876597.
- Al-Diery T, Marotti S, Sim YT, Rowett D, Johnson JL. Entrustment in Action: Factors that Contribute to Entrustment Decision-Making Through the Lens of the Supervisor and the Intern. *Am J Pharm Educ.* 2025 Sep;89(9):101478. doi: 10.1016/j.ajpe.2025.101478. Epub 2025 Jul 26. PMID: 40721195.

- Al-Diery T, Maki T, Abuhayeh N, Makhoul N, Al-Haneedi S, Tahar S, Nazar Z, Soltani A, Mukhalalati B, Hussain FN. Exploring the Feasibility of Implementing Entrustable Professional Activities in Workplace-based Training: Insights from Pharmacy Educators. *Am J Pharm Educ.* 2025 Sep;89(9):101474. doi: 10.1016/j.ajpe.2025.101474. Epub 2025 Jul 17. PMID: 40683413.
- Leslie KF, Connor SE, Melton TC, Babalola RO, Driscoll TP. Pharmacy Education Through the Patient's Lens: A Call to Advance Whole-Person Care. *Am J Pharm Educ.* 2025 Aug;89(8):101472. doi: 10.1016/j.ajpe.2025.101472. Epub 2025 Jul 16. PMID: 40675413.
- Al-Diery T, Marotti S, Rowett D, Johnson JL. Entrusting Pharmacy Trainees: Exploring Expectations of Entrustment Across the Pharmacy Intern Year in Australia. *Am J Pharm Educ.* 2025 Aug;89(8):101437. doi: 10.1016/j.ajpe.2025.101437. Epub 2025 Jun 18. PMID: 40553756.
- Fulford MJ, Castleberry AN, Medina MS. Erratum to "A Curricular Assessment Blueprint and Needs Analysis for the Curricular Outcomes and Entrustable Professional Activities" [*Am J Pharm Educ* 89 (2025) 101378]. *Am J Pharm Educ.* 2025 Jun;89(6):101423. doi: 10.1016/j.ajpe.2025.101423. Epub 2025 May 30. Erratum for: *Am J Pharm Educ.* 2025 Apr;89(4):101378. doi: 10.1016/j.ajpe.2025.101378. PMID: 40449153.
- Fulford MJ, Castleberry AN, Medina MS. A Curricular Assessment Blueprint and Needs Analysis for the Curricular Outcomes and Entrustable Professional Activities. *Am J Pharm Educ.* 2025 Apr;89(4):101378. doi: 10.1016/j.ajpe.2025.101378. Epub 2025 Feb 25. Erratum in: *Am J Pharm Educ.* 2025 Jun;89(6):101423. doi: 10.1016/j.ajpe.2025.101423. PMID: 40010641.
- Odem S, Kellett K, Maxwell W, Whalen K. Best Practices for Self-Awareness and Professionalism to Meet the Curriculum Outcomes and Entrustable Professional Activities. *Am J Pharm Educ.* 2025 May;89(5):101404. doi: 10.1016/j.ajpe.2025.101404. Epub 2025 Apr 14. PMID: 40239840.
- Jarrett JB, Elmes-Patel AT, Allen SM, Djuric Kachlic M, Schriever AE, Driscoll TP, Tekian A, Cheung JJH, Podsiadlik E, Haines ST, Schwartz A. Longitudinal Preceptor Assessment of Entrustable Professional Activities Across Introductory and Advanced Pharmacy Practice Experiences. *Pharmacy (Basel).* 2025 May 21;13(3):72. doi: 10.3390/pharmacy13030072. PMID: 40407510; PMCID: PMC12101199.
- Meny LM, Welch L, Lockman K. Integrating and Assessing Entrustable Professional Activities in Doctor of Pharmacy Curricula. *Am J Pharm Educ.* 2025 Mar;89(3):101364. doi: 10.1016/j.ajpe.2025.101364. Epub 2025 Jan 22. PMID: 39855598.
- Rajiah K. Integrating entrustable professional activities using an integrated curriculum design framework in pharmacy education. *Curr Pharm Teach Learn.* 2025 Feb;17(2):102269. doi: 10.1016/j.cptl.2024.102269. Epub 2024 Dec 15. PMID: 39681058.
- Sobieraj DM, Ives AL, Rudolph MJ, Lebovitz L. Examining the Alignment of Pharmacists' Daily Tasks, Employer-advertised Skills, and the Entrustable Professional Activities. *Am J Pharm Educ.* 2025 Jan;89(1):101311. doi: 10.1016/j.ajpe.2024.101311. Epub 2024 Dec 31. PMID: 39743416.
- Zeeman JM, Vyas D, Ragucci KR. Best Practices for Interprofessional Education to Meet the Curriculum Outcomes and Entrustable Professional Activities. *Am J Pharm Educ.* 2024 Dec;88(12):101321. doi: 10.1016/j.ajpe.2024.101321. Epub 2024 Nov 7. PMID: 39515648.
- Maerten-Rivera J, Turner MR, Oranekwu OC, DiVall MV. Developing Allies: Preparing Pharmacy Students to Practice With Cultural and Structural Humility. *Am J Pharm Educ.* 2024 Dec;88(12):101329. doi: 10.1016/j.ajpe.2024.101329. Epub 2024 Nov 17. PMID: 39551475.
- Elmes-Patel AT, Allen SM, Djuric Kachlic M, Schriever AE, Driscoll TP, Tekian A, Cheung JJH, Podsiadlik E, Haines ST, Schwartz A, Jarrett JB. Preceptor Perspectives Using Entrustable Professional Activity-Based Assessments During Advanced Pharmacy Practice Experiences. *Am J Pharm Educ.* 2024 Dec;88(12):101332. doi: 10.1016/j.ajpe.2024.101332. Epub 2024 Nov 15. PMID: 39549744.
- Chen AMH, Thornby KA, Law AV. Curricular Assessment Blueprint and Needs Analysis for the Social, Administrative, and Behavioral Foundational Sciences. *Am J Pharm Educ.* 2024 Dec 13:101346. doi: 10.1016/j.ajpe.2024.101346. Epub ahead of print. PMID: 39675570.

- Bhuiyan J, Arellano R, Carroll DG, Chim C, Connor S, Dang DK, Draime JA, Driscoll TP, Jonkman L, Kahaleh AA, Karwa R, Kelley KW, Leslie KF, Meyer BA, Sifontis NM. COEPA ready: Innovative pedagogy for integrating social determinants of health in PharmD curricula. *Curr Pharm Teach Learn*. 2024 Dec 14;17(2):102267. doi: 10.1016/j.cptl.2024.102267. Epub ahead of print. PMID: 39675221.
- Abeyaratne C, Galbraith K. Implementation and Evaluation of Entrustable Professional Activities for a Pharmacy Intern Training Program in Australia. *Am J Pharm Educ*. 2024 Dec;88(12):101308. doi: 10.1016/j.ajpe.2024.101308. Epub 2024 Oct 17. PMID: 39424197.
- Davidson D, Vasey N, Mundell A, Richardson CL, Rathbone AP. A novel experiential work-based learning model in paediatric secondary care using entrustable professional activities to develop clinical knowledge and communication skills. *Curr Pharm Teach Learn*. 2024 Oct;16(10):102125. doi: 10.1016/j.cptl.2024.102125. Epub 2024 Jul 1. PMID: 38955064.
- Balikubiri H, Corré L, Johnson JL, Marotti S. Evaluating a medication history-taking entrustable professional activity and its assessment tool - Survey of a statewide public hospital pharmacy service. *Curr Pharm Teach Learn*. 2024 Oct;16(10):102134. doi: 10.1016/j.cptl.2024.102134. Epub 2024 Jul 1. PMID: 38955063.
- Shtaynberg J, Rivkin A, Rozaklis L, Gallipani A. Multifaceted Strategy That Improves Students' Achievement of Entrustable Professional Activities Across Advanced Pharmacy Practice Experiences. *Am J Pharm Educ*. 2024 Sep;88(9):100755. doi: 10.1016/j.ajpe.2024.100755. Epub 2024 Aug 3. PMID: 39098566.
- Repas JM, Pruchnicki Coyle MC, Revelos FC, Winhoven MM, Li J, Legg JE. Improving Self-Perceived Competencies of Second-Year Pharmacy Students Through an Introductory Medication Reconciliation Rotation. *Am J Pharm Educ*. 2024 Aug;88(8):100750. doi: 10.1016/j.ajpe.2024.100750. Epub 2024 Jul 2. PMID: 38964505.
- Cady EA, Dillon AJ, Bourland K, Rybakov I, Cluck DB, Veve MP. You'll have to call the attending: Impact of a longitudinal, "real-time" case-based infectious diseases elective on entrustable professional activities to enhance APPE readiness. *Curr Pharm Teach Learn*. 2024 Aug;16(8):102092. doi: 10.1016/j.cptl.2024.04.008. Epub 2024 Apr 26. PMID: 38670830.
- Bozic U, Wittl MJ, Ralf S, Fischer MR, Zottmann JM, Pudritz YM. Development of the entrustable professional activity 'medication reconciliation' for clinical pharmacy. *BMC Med Educ*. 2024 May 24;24(1):568. doi: 10.1186/s12909-024-05504-0. PMID: 38789955; PMCID: PMC11127371.
- Nasser SC, Kanbar R, Btaiche IF, Mansour H, Elkhoury R, Aoun C, Karaoui LR. Entrustable professional activities-based objective structured clinical examinations in a pharmacy curriculum. *BMC Med Educ*. 2024 Apr 22;24(1):436. doi: 10.1186/s12909-024-05425-y. PMID: 38649947; PMCID: PMC11036754.
- McDowell L, Hamrick J, Fetterman J, Brooks K. Preceptors' perceptions of an entrustable professional activities-based community introductory pharmacy practice experience curriculum. *Curr Pharm Teach Learn*. 2024 Feb;16(2):109-118. doi: 10.1016/j.cptl.2023.12.026. Epub 2024 Jan 6. PMID: 38184481.
- Lowry MF, Lockman K, Herndon C, Atayee RS, Juba KM, Pawasauskas J, Phantumvanit V, Ray JB, Pruskowski J. Development and validation of a performance-based palliative care assessment tool for student pharmacists. *Curr Pharm Teach Learn*. 2024 Jan;16(1):39-48. doi: 10.1016/j.cptl.2023.12.003. Epub 2023 Dec 29. PMID: 38158329.
- Atayee RS, Edmonds KP. A Specialist Palliative Pharmacist Enriches the Interdisciplinary Team: A Case Series Discussion Illustrating the Entrustable Professional Activities for Specialist Hospice and Palliative Care Pharmacists. *J Palliat Med*. 2023 Dec;26(12):1755-1758. doi: 10.1089/jpm.2023.0186. Epub 2023 Jun 26. PMID: 37358818.
- Nigro SC, Gernant SA, Csere M, Sobieraj DM. Determining preceptor perceptions of APPE readiness through the use of entrustable professional activities. *Curr Pharm Teach Learn*. 2023 Nov;15(11):956-960. doi: 10.1016/j.cptl.2023.09.004. Epub 2023 Sep 15.

- Moreau P, Qaddoumi M, Al-Taweel D, Alghanem S, Bayoud T, Alowayesh M, Al- Soraj M, Hedaya M, Al-Haqan A, Alsane D. Development and Refinement of a Matrix Competency Framework, with Associated Entrustable Professional Activities, to Support Initial Pharmacy Education in Kuwait. *Pharmacy (Basel)*. 2023 Sep 19;11(5):149. doi: 10.3390/pharmacy11050149.
- Abeyaratne C, Vienet M, Galbraith K. Development and Validation of Entrustable Professional Activities for Provisionally Registered (Intern) Pharmacists in Australia. *Am J Pharm Educ*. 2023 Sep;87(9):100036. doi: 10.1016/j.ajpe.2022.12.005. Epub 2023 Mar 15.
- Medina MS, Farland MZ, Conry JM, Culhane N, Kennedy DR, Lockman K, Malcom DR, Mirzaian E, Vyas D, Stolte S, Steinkopf M, Ragucci KR. The AACP Academic Affairs Committee's Final 2022 Curricular Outcomes and Entrustable Professional Activities (COEPA) for Pharmacy Graduates to Replace 2013 CAPE and 2016 EPAs. *Am J Pharm Educ*. 2023 Aug;87(8):100558. doi: 10.1016/j.ajpe.2023.100558. Epub 2023 Jul 7.
- Medina MS, Farland MZ, Conry JM, Culhane N, Kennedy DR, Lockman K, Malcom DR, Mirzaian E, Vyas D, Steinkopf M, Ragucci K. The AACP Academic Affairs Committee's Guidance for Use of the Curricular Outcomes and Entrustable Professional Activities (COEPA) for Pharmacy Graduates. *Am J Pharm Educ*. 2023 Aug;87(8):100562. doi: 10.1016/j.ajpe.2023.100562. Epub 2023 Jul 7.
- Medina MS, Farland MZ, Conry JM, Culhane N, Kennedy DR, Lockman K, Malcom DR, Mirzaian E, Vyas D, Steinkopf M, Ragucci K. Finalizing the Work Related to the Curriculum Outcomes and Example Objectives and Entrustable Professional Activities (COEPA) Document: The Report of the 2022-2023 Academic Affairs Standing Committee. *Am J Pharm Educ*. 2023 Aug;87(8):100560. doi: 10.1016/j.ajpe.2023.100560. Epub 2023 Jul 20.
- Elmes AT, Schwartz A, Tekian A, Jarrett JB. Evaluating the Quality of the Core Entrustable Professional Activities for New Pharmacy Graduates. *Pharmacy (Basel)*. 2023 Aug 8;11(4):126. doi: 10.3390/pharmacy11040126.
- Fuller K, Crescenzi A, Pinelli NR. Preceptor perceptions of a redesigned entrustable professional activity (EPA) assessment tool in pharmacy practice experiences. *Curr Pharm Teach Learn*. 2023 Jul;15(7):666-672. doi: 10.1016/j.cptl.2023.06.018. Epub 2023 Jun 24.
- Beckett RD, Gratz MA, Marwitz KK, Hanson KM, Isch J, Robison HD. Development, Validation, and Reliability of a P1 Objective Structured Clinical Examination Assessing the National EPAs. *Am J Pharm Educ*. 2023 Jun;87(6):100054.
- Lee YM, Berenbrok LA, Gálvez-Peralta M, Iwuchukwu O, Kisor DF, Petry NJ, Gammal RS. Advancing Pharmacogenomics-Based Care Through Interprofessional Education. *Am J Pharm Educ*. 2023 May;87(5):100007.
- McDowell L, Hamrick J, Wickman J, Fetterman J, Brooks K. A consortium's approach to developing an EPA-based community IPPE curriculum. *Curr Pharm Teach Learn*. 2023 Apr;15(4):368-381.
- Medina M, Stolte S, Conry J, Culhane N, Farland MZ, Kennedy DR, Lockman K, Malcom DR, Mirzaian E, Vyas D, Steinkopf M, Ragucci K. Revising the Center for the Advancement of Pharmacy Education (CAPE) Educational Outcomes and Entrustable Professional Activities (EPAs): The Report of the 2021-2022 Academic Affairs Standing Committee. *Am J Pharm Educ*. 2023 Jan;87(1):ajpe9453.
- Miller EA, David T, Koenig RA, Frankart L, Caldas LM. Applying Entrustable professional activities to prescription verification activities in two skills- based laboratory courses. *Curr Pharm Teach Learn*. 2022 Jul;14(7):892-899.
- Elmes AT, Tekian A, Jarrett JB. The Need for Quality Assessment of Entrustable Professional Activities in Pharmacy Education. *Am J Pharm Educ*. 2022 Mar 29:9039. doi: 10.5688/ajpe9039. Epub ahead of print. PMID: 35351798.

- Moon JY, Lounsbery JL, Pittenger AL. Addressing practical challenges with entrustable professional activities in ambulatory care experiential education. *Curr Pharm Teach Learn*. 2022 Feb;14(2):200-207.
- Eudaley ST, Brooks SP, Jones MJ, Franks AS, Dabbs WS, Chamberlin SM. Evaluation of student-perceived growth in entrustable professional activities after involvement in a transitions-of-care process within an adult medicine advanced pharmacy practice experience. *Curr Pharm Teach Learn*. 2022 Feb;14(2):193-199. doi: 10.1016/j.cptl.2021.11.032. Epub 2021 Dec 27. PMID: 35190161.
- Abeyaratne C, Galbraith K. A Review of Entrustable Professional Activities in Pharmacy Education. *Am J Pharm Educ*. 2021 Dec 15:8872. doi: 10.5688/ajpe8872. Epub ahead of print. PMID: 34911704.
- Rathbone AP, Richardson CL, Mundell A, Lau WM, Nazar H. Exploring the role of pharmacy students using entrustable professional activities to complete medication histories and deliver patient counselling services in secondary care. *Explor Res Clin Soc Pharm*. 2021 Oct 14;4:100079. doi: 10.1016/j.rcsop.2021.100079. PMID: 35479837; PMCID: PMC9030278.
- Nuffer W, Bolan J, Borgelt LM, Franson KL, Gilliam EH, Nuffer M, Thompson ME. A longitudinal quality improvement program to optimize experiential education's ability to develop trusted independent pharmacist practitioners. *Curr Pharm Teach Learn*. 2021 Sep;13(9):1244-1251. doi: 10.1016/j.cptl.2021.06.041. Epub 2021 Jun 29. PMID: 34330405.
- Lichvar A, Chandran MM, Do V, Rendulic T, Szczepanik A, Pierce D, Park JM. Entrustable professional activities for pharmacy students: A primer for solid organ transplant preceptors. *Am J Health Syst Pharm*. 2021 Aug 5:zxab320. doi: 10.1093/ajhp/zxab320. Epub ahead of print. PMID: 34350946.
- Borja-Hart NL, Rowe AS, Gatwood J, Wheeler J. Incorporation of a mock pharmacy and therapeutics committee as an entrustable professional activity supporting task. *Curr Pharm Teach Learn*. 2021 Jul;13(7):784-788.
- Sjoquist LK, Bush AA, Marciniak MW, Pinelli NR. An Exploration of Preceptor-Provided Written Feedback on Entrustable Professional Activities During Early Practice Experiences. *Am J Pharm Educ*. 2021 Mar;85(3):8091. doi:10.5688/ajpe8091. Epub 2020 Nov 13. PMID: 34283766; PMCID: PMC8006482.
- Frenzel JE, Nuziale BT, Bradley CL, Ballou JM, Begley K, Donohoe KL, Riley BL. A Modified Delphi Involving Laboratory Faculty to Define Essential Skills for Pharmacy Graduates. *Am J Pharm Educ*. 2021 Feb;85(2):848114. doi: 10.5688/ajpe848114. Epub 2020 Nov 13. PMID: 34283746; PMCID: PMC7926273.
- Law M, Drame I, McKoy-Beach Y, Adesina S. A Six-Semester Integrated Pharmacy Practice Course Based on Entrustable Professional Activities. *Am J Pharm Educ*. 2021 Jan;85(1):848017.
- Fulletti SG, Wiseman ML, Galbraith KJ. Experiential Education in the Time of COVID-19: An Australian Experience. *Sr Care Pharm*. 2020 Nov 1;35(11):476-478. doi: 10.4140/TCP.n.2020.476.. PMID: 33121567.
- Marshall LL, Kinsey J, Nykamp D, Momary K. Evaluating Practice Readiness of Advanced Pharmacy Practice Experience Students Using the Core Entrustable Professional Activities. *Am J Pharm Educ*. 2020 Oct;84(10):ajpe7853. doi: 10.5688/ajpe7853. PMID: 33149325; PMCID: PMC7596596.
- Smith C, Stewart R, Smith G, Anderson HG, Baggaly S. Developing and Implementing an Entrustable Professional Activity Assessment for Pharmacy Practice Experiences. *Am J Pharm Educ*. 2020 Sep;84(9):ajpe7876. doi: 10.5688/ajpe7876. PMID: 33012798; PMCID: PMC7523670.
- Ndukwe HC, Shaul D, Shin J, Pang CD, Swee CY, Hong BT, Dummer JF, Fitzgerald C, Wilby KJ, Marra CA. Assessment of inhaler technique among fourth-year pharmacy students: Implications for the use of entrustable professional activities. *Curr Pharm Teach Learn*. 2020 Mar;12(3):281-286.

- Croft H, Gilligan C, Rasiah R, Levett-Jones T, Schneider J. Development and inclusion of an entrustable professional activity (EPA) scale in a simulation- based medicine dispensing assessment. *Curr Pharm Teach Learn*. 2020 Feb;12(2):203-212.
- Croft H, Gilligan C, Rasiah R, Levett-Jones T, Schneider J. Developing a validity argument for a simulation-based model of entrustment in dispensing skills assessment framework. *Curr Pharm Teach Learn*. 2020;12(9):1081-1092.
- Pittenger AL, Gleason BL, Haines ST, Neely S, Medina MS. Pharmacy Student Perceptions of the Entrustable Professional Activities. *Am J Pharm Educ*. 2019 Nov;83(9):7274.
- Lounsbery JL, Von Hoff BA, Chapman SA, Frail CK, Moon JY, Philbrick AM, Rivers Z, Pereira C. Tracked Patient Encounters During Advanced Pharmacy Practice Experiences and Skill Self-assessment Using Entrustable Professional Activities. *Am J Pharm Educ*. 2019 Nov;83(9):7349.
- Westein MPD, de Vries H, Floor A, Koster AS, Buurma H. Development of a Postgraduate Community Pharmacist Specialization Program Using CanMEDS Competencies, and Entrustable Professional Activities. *Am J Pharm Educ*. 2019 Aug;83(6):6863. doi: 10.5688/ajpe6863.
- Rhodes LA, Marciniak MW, McLaughlin J, Melendez CR, Leadon KI, Pinelli NR. Exploratory Analysis of Entrustable Professional Activities as a Performance Measure During Early Pharmacy Practice Experiences. *Am J Pharm Educ*. 2019 Mar;83(2):6517.
- Bridges W. The Creation of a Competent Global Regulatory Workforce. *Front Pharmacol*. 2019 Mar 19;10:181.
- Moon JY, Lounsbery JL, Schweiss S, Pittenger AL. Preceptor and resident perceptions of entrustable professional activities for postgraduate pharmacy training. *Curr Pharm Teach Learn*. 2018 Dec;10(12):1594-1599.
- Haines ST, Pittenger AL, Gleason BL, Medina MS, Neely S. Validation of the entrustable professional activities for new pharmacy graduates. *Am J Health Syst Pharm*. 2018 Dec 1;75(23):1922-1929.
- Jarrett JB, Berenbrok LA, Goliak KL, Meyer SM, Shaughnessy AF. Entrustable Professional Activities as a Novel Framework for Pharmacy Education. *Am J Pharm Educ*. 2018 Jun;82(5):6256.
- Wilbur K. Entrustable Professional Activities: A Primer for Canadian Pharmacy Preceptors. *Can J Hosp Pharm*. 2017 Nov-Dec;70(6):450-455.
- Pittenger AL, Copeland DA, Lacroix MM, Masuda QN, Mbi P, Medina MS, Miller SM, Stolte SK, Plaza CM. Report of the 2016-17 Academic Affairs Standing Committee: Entrustable Professional Activities Implementation Roadmap. *Am J Pharm Educ*. 2017 Jun;81(5):S4.
- Medina MS. Does Competency-Based Education Have a Role in Academic Pharmacy in the United States? *Pharmacy (Basel)*. 2017 Feb 27;5(1). pii: E13
- Medina MS. Does Competency-Based Education Have a Role in Academic Pharmacy in the United States? *Pharmacy (Basel)*. 2017 Feb 27;5(1). pii: E13.
- Koster A, Schalekamp T, Meijerman I. Implementation of Competency-Based Pharmacy Education (CBPE). *Pharmacy (Basel)*. 2017 Feb 21;5(1). pii: E10.
- Haines ST, Pittenger AL, Stolte SK, Plaza CM, Gleason BL, Kantorovich A, McCollum M, Trujillo JM, Copeland DA, Lacroix MM, Masuda QN, Mbi P, Medina MS, Miller SM. Core Entrustable Professional Activities for New Pharmacy Graduates. *Am J Pharm Educ*. 2017 Feb 25;81(1):S2
- Haines ST, Pittenger A, Plaza C. Describing Entrustable Professional Activities Is Merely the First Step. *Am J Pharm Educ*. 2017 Feb 25;81(1):18
- Pittenger AL, Chapman SA, Frail CK, Moon JY, Undeberg MR, Orzoff JH. Entrustable Professional Activities for Specialty Pharmacy Practice. *Am J Pharm Educ*. 2016 Dec 25;80(10):178.
- Jarrett JB, Berenbrok LA. Entrustable Professional Activities: Personalization and Expansion for Pharmacy Graduates? *Am J Pharm Educ*. 2016 Nov 25;80(9):161

Physical therapy - Physiotherapy

- Helms J, Donovan S. Shifting Anatomy Away From a Time-Based Model: Competency-Based Education Insights for Anatomy Educators. *Clin Anat.* 2026 Jan;39(1):60-71. doi: 10.1002/ca.70033. Epub 2025 Oct 2. PMID: 41036606.
- Helms J, Zimney K, Weaver P, Courtney C, Wassinger C. Competency-Based Education: Development of the Entry-Level Pain Entrustable Professional Activities for Workplace-Based Assessment. *Phys Ther.* 2025 Nov 3;105(11):pzaf126. doi: 10.1093/ptj/pzaf126. PMID: 41099558.
- Berg-Carramusa CA, Burns RL. A Guide to Entrustment for Physical Therapy Educators: Elevating Clinical Competence. *J Phys Ther Educ.* 2025 Oct 7. doi: 10.1097/JTE.0000000000000450. Epub ahead of print. PMID: 41056195.
- Burns RL, Furtado M, Gleeson P, Johnson K. From Concept to Practice: Faculty Perceptions on Operationalizing Competency-Based Education in Physical Therapy. *J Phys Ther Educ.* 2025 Aug 13. doi: 10.1097/JTE.0000000000000438. Epub ahead of print. PMID: 40794487.
- Buffat B, Carr G, Spann N, Adams JL. Empowering Pharmacy Graduates to Diagnose and Prescribe. *Am J Pharm Educ.* 2025 Feb;89(2):101314. doi: 10.1016/j.ajpe.2024.101314. Epub 2024 Oct 24. PMID: 39461561.
- Zainuldin R, Tan HY. Development of entrustable professional activities for a physiotherapy undergraduate programme in Singapore. *Physiotherapy.* 2021 Apr 8;112:64-71.
- Datta K, Guru CS, Krishnan A, Datta R, Sharma D. Entrustable Professional Activities (EPAs) and milestones for MD sports medicine: A proposed portfolio. *Med J Armed Forces India.* 2021 Feb;77(Suppl 1):S129-S133. doi: 10.1016/j.mjafi.2020.12.026. Epub 2021 Feb 2. PMID: 33612943; PMCID: PMC7873686.
- Chesbro SB, Jensen GM, Boissonnault WG. Entrustable Professional Activities as a Framework for Continued Professional Competence: Is Now the Time? *Phys Ther.* 2017 Oct 23

Physician assistants

- Li L, Pangaro L. Programmatic Assessment of Students and Evaluation of Programs in Competency-Based Physician Assistant Education. *J Physician Assist Educ.* 2026 Apr 6. doi: 10.1097/JPA.0000000000000750. Epub ahead of print. PMID: 41937241.
- Bunnell DJ. Entrustable Professional Activities for Newly Graduated Physician Associates: Validation Through a Modified Delphi Study. *J Physician Assist Educ.* 2026 Jan 22. doi: 10.1097/JPA.0000000000000738. Epub ahead of print. PMID: 41566552.
- de Raad T, Wiersma F, Kuilman L, Ten Cate O. The Fate of Entrustable Professional Activities After Graduation: A Survey Study Among Graduated Physician Assistants. *J Contin Educ Health Prof.* 2023 Jan 1;43(1):28-33.
- Acker S, Noelke A, Huckabee M, Rieck KM. Development of the Proposed 13 Entrustable Professional Activities for Physician Assistant Graduates. *J Physician Assist Educ.* 2021 Dec 1;32(4):232-236. doi: 10.1097/JPA.0000000000000387. PMID: 34731874.
- Lohentry KC, Brenneman A, Goldgar C, Hills KJ, VanderMeulen SP, Lane S, Ziegler O, Barwick TA, Fletcher S. Entrustable Professional Activities: A New Direction for PA Education? *J Physician Assist Educ.* 2017 Mar;28(1):33-40
- Wiersma F, Berkvens J, ten Cate O. Individualized Competency-Based Training with EPAs: Analyzing Four Cohorts of Physician Assistants in training. *Medical Teacher* 2017; 39(5):535-539
- Mulder H, Ten Cate O, Daalder R, Berkvens J. Building a competency-based workplace curriculum around entrustable professional activities: The case of physician assistant training. *Med Teach.* 2010;32(10):e453-9

Radiation technology

- Tunny IS, Fitriyari E, Umasugi MT. From curricular inclusion to entrustable IPC competence in medical imaging drug administration. *Radiography (Lond).* 2026 May;32(4):103424. doi: 10.1016/j.radi.2026.103424. Epub 2026 May 5. PMID: 42091346.

- Freihat R, Jimenez Y, Kench P, Lewis S. Response to "From curricular inclusion to entrustable IPC competence in medical imaging drug administration". *Radiography (Lond)*. 2026 May;32(4):103427. doi: 10.1016/j.radi.2026.103427. Epub 2026 May 2. PMID: 42070906.
- Tu CY, Huang KM, Cheng CH, Lin WJ, Liu CH, Yang CW. Development, implementation, and evaluation of entrustable professional activities (EPAs) for medical radiation technologists in Taiwan: a nationwide experience. *BMC Med Educ*. 2024 Jan 29;24(1):95. doi: 10.1186/s12909-024-05088-9. PMID: 38287396; PMCID: PMC10826224.

Veterinary medicine

- Freedman D, Burton E, Rendahl A, Molgaard L. Senior-Year Clinical Trainees' Perceptions of a Clinical Entrustment Scale in an Academic Veterinary Medical Center. *J Vet Med Educ*. 2026 Feb;53(1):106-114. doi: 10.3138/jvme-2024-0129. Epub 2025 Feb 10. PMID: 39928479.
- Sear A, Wills AP. UK animal therapists' confidence in executing professional skills in clinical practice. *Vet Rec*. 2024 Nov/Jul 30;195(11):e4704. doi: 10.1002/vetr.4704. Epub 2024 Nov 17. PMID: 39552036; PMCID: PMC11606001.
- Lee K, Lee HS, Jeong SM, Kang J, Kim S, Chung JY, Nahm SS, Ryu PD. Developing veterinary basic clinical skill items based on Korean Veterinary Entrustable Professional Activity. *J Vet Sci*. 2024 Sep;25(5):e71. doi: 10.4142/jvs.24129. PMID: 39363659; PMCID: PMC11450386.
- Favier R, Proot J, Matiasovic M, Roos A, Knaake F, van der Lee A, den Toom M, Paes G, van Oostrom H, Verstappen F, Beukers M, van den Herik T, Bergknut N. Towards a flexible and personalised development of veterinarians and veterinary nurses working in a companion animal referral care setting. *Vet Med Sci*. 2024 Jul;10(4):e1518. doi: 10.1002/vms3.1518. PMID: 38952266; PMCID: PMC11217593.
- Burton EN, Freedman D, Taylor-Schiro E, Rendahl A, Molgaard LK. Implementation of a Clinical Entrustment Scale and Feedback Form in an Academic Veterinary Medical Center: An Empirical Analysis of Goal Oriented Learner Driven-Entrustment (GOLD-E) Assessment Tool. *J Vet Med Educ*. 2024 Apr;51(2):164-175. doi: 10.3138/jvme-2023-0020. Epub 2023 Nov 21. PMID: 39503390.
- Flatland B, Dehghanpir SD, Evans SJM, Freeman KP, Grimes C, Hancock T, Hollinger C, Hooijberg E, Korchia J, Lawson C, Matlow JR, Sample S, Viall A. Guidelines for resident training in veterinary clinical pathology. IV: Laboratory quality management-Teaching domains, competencies, and suggested learning outcomes. *Vet Clin Pathol*. 2024 Feb;53 Suppl 1:7-23. doi: 10.1111/vcp.13208. Epub 2023 Jan 6. PMID: 36609689.
- Thompson JL, MacKay J, Bowlit Blacklock K. Evaluation of veterinary students' confidence and competence with surgical entrustable professional activities after repeated use of low-fidelity training models. *Vet Rec*. 2023 Apr;192(8):e2779.
- Favier R. Entrustable professional activities: bridging the gap between veterinary education and clinical practice. *Vet Rec*. 2022 Nov;191(9):378-380. doi: 10.1002/vetr.2414. PMID: 36331484.
- Dorman DC, Poppenga RH, Schoenfeld-Tacher RM. The Current State of Veterinary Toxicology Education at AAVMC Member Veterinary Schools. *Vet Sci*. 2022 Nov 22;9(12):652. doi: 10.3390/vetsci9120652. PMID: 36548813
- Salisbury SK, Rush BR, Ilkiw JE, Matthew SM, Chaney KP, Molgaard LK, May SA, Bok HGJ, Hodgson JL, Frost JS, Read EK. Collaborative Development of Core Entrustable Professional Activities for Veterinary Education. *J Vet Med Educ*. 2020 Oct;47(5):607-618. doi: 10.3138/jvme.2019-0090. Epub 2020 May 19. PMID: 32427543.
- Graves MT, Castro JR, Anderson DE. Veterinary Intern Program for Entrustable Professional Activities Skills, a.k.a. Intern Boot Camp. *J Vet Med Educ*. 2020 Jun;47(3):321-326.
- Favier RP, ten Cate O, Duijn C, Bok HGJ. Bridging the Gap between Undergraduate Veterinary Training and Veterinary Practice with Entrustable Professional Activities. *J Vet Med Educ*. 2020 Mar 9:e20190051. doi: 10.3138/jvme.2019-0051. Epub ahead of print. PMID: 32149590.

- Favier RP, Godijn M, Bok HGJ. Identifying entrustable professional activities for surgical skills training in companion animal health. *Vet Rec.* 2020 Feb 1;186(4):122.
- Barfield D. Trust me, I'm a veterinarian: incorporating entrustable professional activities into veterinary education. *Vet Rec.* 2020 Feb 1;186(4):119-121.
- Molgaard LK, Chaney KP, Bok HGJ, Read EK, Hodgson JL, Salisbury SK, Rush BR, Ilkiw JE, May SA, Danielson JA, Frost JS, Matthew SM. Development of core entrustable professional activities linked to a competency-based veterinary education framework. *Med Teach.* 2019 Dec;41(12):1404-1410.
- Duijn CCMA, Ten Cate O, Kremer WDJ, Bok HGJ. The Development of Entrustable Professional Activities for Competency-Based Veterinary Education in Farm Animal Health. *J Vet Med Educ.* 2018 Dec 19:1-7. doi: 10.3138/jvme.0617-073r. [Epub ahead of print] PubMed PMID: 30565977.

Pathology assistants

- Kolheffer KM, Mouddeh IEL. Entry-Level Expectations for Pathologists' Assistants. *Am J Clin Pathol.* 2022 Sep 2;158(3):426-442.

Specific EPAs

AI

- Fulford MJ, Cain J, Palmer R, Gandhi-Patel N, Jahjah KA, Shrader S. Mapping AI Teaching Strategies to COEPA as a Framework for Integrating Artificial Intelligence in Pharmacy Education. *Am J Pharm Educ.* 2026 May;90(5):101979. doi: 10.1016/j.ajpe.2026.101979. Epub 2026 Mar 26. PMID: 41903891.
- Agathis AZ, Yang J, Lazar DJ, Chan L, Fefferman AM, Wu JZ, Divino CM. Using artificial intelligence to uncover keywords associated with resident EPA entrustability. *Am J Surg.* 2026 Apr 15:116980. doi: 10.1016/j.amjsurg.2026.116980. Epub ahead of print. PMID: 42036265; PMCID: PMC13248552.
- Gin BC, O'Sullivan PS, Hauer KE, Abdulnour RE, Mackenzie M, Ten Cate O, Boscardin CK. Entrustment and EPAs for Artificial Intelligence (AI): A Framework to Safeguard the Use of AI in Health Professions Education. *Acad Med.* 2025 Mar 1;100(3):264-272. doi: 10.1097/ACM.0000000000005930. Epub 2024 Nov 14. PMID: 39761533.

Aggression management

- Maguire T, Daffern M, Willetts G, McKenna B. Exploring the Utility of a Novel Approach of Evaluating Application of a Validated Violence Risk Assessment Instrument. *Nurs Health Sci.* 2024 Dec;26(4):e13167. doi: 10.1111/nhs.13167. PMID: 39353580.
- Roza SJ, Smalenburg LCS, Goethals K. Het inschatten van risico op geweld naar anderen: een kernactiviteit van iedere psychiater [Risk management of violence: a core professional activity of every psychiatrist]. *Tijdschr Psychiatr.* 2024;66(8):447-451. Dutch. PMID: 39463296.
- Care of lgbtq+

Care of LGBTQ+

- Wueste B, Roth LT. Applying an Entrustable Professional Activity to Standardize LGBTQ+ Health Curricula and Assessment. *Acad Pediatr.* 2025 Nov- Dec;25(8):103132. doi: 10.1016/j.acap.2025.103132. Epub 2025 Aug 18. PMID: 40835095.

Documenting encounters

- Mans K, Lyden E, Burrows J, Dolter S, Gollehon N, Guild A, McConnell C, Nabower A, Goodrich N. Association Between CMS Student Note Policy Implementation and Physician Note Editing Time. *Acad Pediatr.* 2026 Jun 13:103340. doi: 10.1016/j.acap.2026.103340. Epub ahead of print. PMID: 42288156.

- Agrawal K, Kaur JS, Varghese M, Tanveer S, Bhanuda P, Pereira G, Ranger DS, Elgaddal S. A Procedure-Specific Consent Sticker as an Educational Tool to Improve Informed Consent Documentation by Junior Surgical Trainees: A Before- and-After Interventional Study. *J Surg Educ*. 2026 Jun 5;83(9):104017. doi: 10.1016/j.jsurg.2026.104017. Epub ahead of print. PMID: 42247764.
- Aulet TH, Moore JS, Callas PW, Nicholas C, Hulme M. (En)trust me: Validating an assessment rubric for Documenting clinical encounters during a surgery clerkship clinical skills exam. *Am J Surg*. 2018 Dec 25. pii: S0002-9610(18)30551-8. doi: 10.1016/j.amjsurg.2018.12.055. [Epub ahead of print]

Behavioral and mental health

- Maguire T, Willetts G, McKenna B, Daffern M, Garvey L. Developing entrustable professional activities to enhance application of an aggression prevention protocol. *Nurse Educ Pract*. 2023 Nov 5;73:103827. doi: 10.1016/j.nepr.2023.103827. Epub ahead of print.
- Wurster Ovalle V, Martini A, Tanguay S, Carraccio C, Schumacher DJ. Implementing the Behavioral and Mental Health Entrustable Professional Activity: Insights for a Path Forward. *Acad Pediatr*. 2020 Jul 7:S1876-2859(20)30421-6. doi: 10.1016/j.acap.2020.07.002. Epub ahead of print. PMID: 32645533

Biopsy

- Kumar HB, Khan AM, Arora VK, Singh N. Fine needle aspiration biopsy: Anentrustable professional activity in cytopathology postgraduate training. *JCytol*. 2017 Apr-Jun;34(2):84-89

Discharge summaries

- Ming D, Zietlow K, Song Y, Lee HJ, Clay A. Discharge summary training curriculum: a novel approach to training medical students how to write effective discharge summaries. *Clin Teach*. 2018 Oct 30. doi: 10.1111/tct.12960. [Epub ahead of print]

Electro-convulsive therapy

- Port N, Weiss A, Maudsley I. Electroconvulsive therapy training: can it be a model of an entrustable professional activity in a competency program? *Australas Psychiatry*. 2012 Jun;20(3):242-5

ECG/EKG

- Mastrangelo E, El-Baba M, Patocka C, McLaren JTT. Electrocardiogram competency of Canadian emergency medicine residents: curriculum gaps and opportunities for improvement. *CJEM*. 2026 Jun 20. doi: 10.1007/s43678-026-01194-3. Epub ahead of print. PMID: 42323520.
- Jablonover RS, Stagnaro-Green A. ECG as an Entrustable Professional Activity: CDIM Survey Results, ECG Teaching and Assessment in the Third Year. *Am J Med*. 2016 Feb;129(2):226-230.e1

Emergency medical technician

- Brenner J, Bird J, Ginzburg SB, Kwiatkowski T, Papasodero V, Rennie W, Schlegel E, Ten Cate O, Willey JM. Trusting early learners with critical professional activities through emergency medical technician certification. *Med Teach*. 2018 Jun;40(6):561-568.

Evidence based medicine

- Nicholson J, Spak JM, Kovar-Gough I, Lorbeer ER, Adams NE. Entrustable professional activity 7: opportunities to collaborate on evidence-based medicine teaching and assessment of medical students. *BMC Med Educ*. 2019 Sep 3;19(1):330.

Global health

- Steeb DR, Brock TP, Dascanio SA, Drain PK, Squires A, Thumm M, Tittle R, Haines ST. Entrustable Professional Activities (EPAs) for Global Health. *Acad Med*. 2021;96(3):402-408.

Informed consent

- Aslam A, Hanif M, Fayyaz H. Entrustment in plastic surgery residents' informed consent taking for elective surgical procedures: A modified Delphi study. *J Pak Med Assoc.* 2025 Nov;75(11):1709-1713. doi: 10.47391/JPMA.21729. PMID: 41418108.
- White EM, Esposito AC, Yoo PS. Should Obtaining Informed Consent Be Considered an Entrustable Professional Activity? Insights From Whether and How Attendings Entrust Surgical Trainees. *Acad Med.* 2024 Aug 1;99(8):897-903. doi: 10.1097/ACM.0000000000005587. Epub 2023 Dec 19. PMID: 38113443.
- Hafferty FW, Hamstra SJ. Rethinking Informed Consent as an EPA in Surgery. *Acad Med.* 2024 Aug 1;99(8):824-827. doi: 10.1097/ACM.0000000000005735. Epub 2024 Apr 10. PMID: 38602892.

Inguinal hernia repair

- Malik PRA, Haehl J, Livergant R, Shum-Tim L, Heo K, Lindner A, Muensterer O, Joharifard S. Molding mastery: Validation of a 3D-Printed simulator for pediatric inguinal hernia repair. *J Pediatr Surg.* 2026 Jun;61(6):162955. doi: 10.1016/j.jpedsurg.2026.162955. Epub 2026 Jan 29. PMID: 41619836.
- Nikolian VC, Camacho D, Earle D, Lehmann R, Nau P, Ramshaw B, Stulberg J. Development and preliminary validation of a new task-based objective procedure- specific assessment of inguinal hernia repair procedural safety. *Surg Endosc.* 2024 Mar;38(3):1583-1591. doi: 10.1007/s00464-024-10677-2. Epub 2024 Feb 8. PMID: 38332173.

Hiv

- Dunne D, Green M, Tetrault J, Barakat LA. Development of a Novel Competency-Based Evaluation System for HIV Primary Care Training: the HIV Entrustable Professional Activities. *J Gen Intern Med.* 2020 Jan;35(1):331-335.

Nephrology outpatient clinic

- Tanaka A, Kondo T, Urushibara-Miyachi Y, Maruyama S, Nishigori H. Development of entrustable professional activities for residents rotating nephrology department in a Japanese university hospital: a Delphi study. *BMJ Open.* 2021 Aug 4;11(8):e047923. doi: 10.1136/bmjopen-2020-047923. PMID: 34348951; PMCID: PMC8340278.
- Yuan CM, Prince LK, Zwettler AJ, Nee R, Oliver JD 3rd, Abbott KC. Assessing achievement in nephrology training: using clinic chart audits to quantitatively screen competency. *Am J Kidney Dis.* 2014 Nov;64(5):737-43

Patient-centered medical home care

- Block L, LaVine N, Verbsky J, Sagar A, Smith MA, Lane S, Conigliaro J, Chaudhry SA. Do medical residents perform patient-centered medical home tasks? A mixed-methods study. *Med Educ Online.* 2017;22(1):1352434
- Thomas J. Capsule commentary on Chang et al., Transforming primary care training--patient-centered medical home entrustable professional activities for internal medicine residents. *J Gen Intern Med.* 2013 Jun;28(6):837
- Chang A, Bowen JL, Buranosky RA, Frankel RM, Ghosh N, Rosenblum MJ, Thompson S, Green ML. Transforming primary care training--patient-centered medical home entrustable professional activities for internal medicine residents. *J Gen Intern Med.* 2013 Jun;28(6):801-9

Patient handover

- Garber AM, Ownby AR, Trimble G, Aiyer MK, Brown DR, Grbic D. Evaluating the Association of a Core EPA-Oriented Patient Handover Curriculum on Medical Students' Self-reported Frequency of Observation and Skill Acquisition. *Med Sci Educ.* 2022 Jul 16;32(4):855-864.

- Moore M, Bain-Donohue S, Barry M and Gray P. It sounds like a good handover but can I trust it: the correlation between perceived quality and accuracy? [version 1] MedEdPublish 2021, 10:102
- Posel N, Hoover ML, Bergman S, Grushka J, Rosenzweig A, Fleischer D. Objective Assessment of the Entrustable Professional Activity Handover in Undergraduate and Postgraduate Surgical Learners. *J Surg Educ.* 2019 Sep - Oct;76(5):1258-1266.
- Davis R, Davis J, Berg K, Berg D, Morgan CJ, Russo S, Riesenberger LA. Patient Handoff Education: Are Medical Schools Catching Up? *Am J Med Qual.* 2017 Jul;1062860617719128
- Chan B, Englander H, Kent K, Desai S, Obley A, Harmon D, Kansagara D. Transitioning Toward Competency: A Resident-Faculty Collaborative Approach to Developing a Transitions of Care EPA in an Internal Medicine Residency Program. *J Grad Med Educ.* 2014 Dec;6(4):760-4
- ten Cate O, Young JQ. The patient handover as an entrustable professional activity: adding meaning in teaching and practice. *BMJ Qual Saf.* 2012 Dec;21Suppl 1:i9-12
- Aylward M, Nixon J, Gladding S. An entrustable professional activity (EPA) for handoffs as a model for EPA assessment development. *Acad Med.* 2014 Oct;89(10):1335-40

Physical examination

- Wijeratne DT, Srivastava S, Chan B, Hopman W, Thomson B. Sustainability of physical exam skills in a resident-led curriculum in a large internal medicine program with competency based medical education. *Can Med Educ J.* 2018 Nov;12(9):e78-e92.

Procedural skills and simulation

- McInerney NJ, Sexton GP, Roche A, Donnelly M, Skinner L. Development of an undergraduate otorhinolaryngology simulation education and human factors module: its impact on students' attitudes and perceptions. *J Laryngol Otol.* 2025 Nov;139(11):1081-1084. doi: 10.1017/S0022215125103009. PMID: 40762392; PMCID: PMC12624408.
- Fisk P, Hall AK, O'Brien M, Cheung WJ. Simulation education in the age of competency-based medical education: a study of the use of simulation-based education in Canadian emergency medicine programs. *CJEM.* 2025 Aug;27(8):605-613. doi: 10.1007/s43678-025-00935-0. Epub 2025 May 21. PMID: 40397303.
- Gardner AK, Gee D, Ahmed RA. Entrustable Professional Activities (EPAs) for Simulation Leaders: The Time Has Come. *J Surg Educ.* 2018 Sep - Oct;75(5):1137-1139.
- Pugh D, Cavalcanti RB, Halman S, Ma IWY, Mylopoulos M, Shanks D, Stroud L. Using the Entrustable Professional Activities Framework in the Assessment of Procedural Skills. *J Grad Med Educ.* 2017 Apr;9(2):209-214
- Dwyer T, Wadey V, Archibald D, Kraemer W, Shantz JS, Townley J, Ogilvie-Harris D, Petrera M, Ferguson P, Nousiainen M. Cognitive and Psychomotor Entrustable Professional Activities: Can Simulators Help Assess Competency in Trainees? *Clin Orthop Relat Res.* 2016 Apr;474(4):926-34
- Graafland M, Ten Cate O, van Seventer JP, Schraagen JM, Schijven MP. Mapping the Demand for Serious Games in Postgraduate Medical Education Using the Entrustable Professional Activities Framework. *Games Health J.* 2015 Oct;4(5):381-6

Referral and consultation

- Hamburger EK, Lane JL, Agrawal D, Boogaard C, Hanson JL, Weisz J, Ottolini M. The referral and consultation entrustable professional activity: defining the components in order to develop a curriculum for pediatric residents. *Acad Pediatr.* 2015 Jan-Feb;15(1):5-8

Sexual health

- Stumbar SE, Brown DR, Lupi CS. Developing and Implementing Curricular Objectives for Sexual Health in Undergraduate Medical Education: A Practical Approach. *Acad Med.* 2020 Jan;95(1):77-82.

Shared decision making, informed consent

- Baghus A, Girolodi E, Muris J, Stiggelbout A, van de Pol M, Timmerman A, van der Weijden T. Identifying Entrustable Professional Activities for Shared Decision Making in Postgraduate Medical Education: A National Delphi Study. *Acad Med*. 2021 Jan 1;96(1):126-133.
- Anderson TN, Aalami LR, Lee EW, Merrell SB, Sgroi MD, Lin DT, Lau JN. Perception and confidence of medical students in informed consent: A core EPA. *Surgery*. 2020 Apr;167(4):712-716.

Social needs

- Klein MD, Schumacher DJ, Sandel M. Assessing and managing the social determinants of health: defining an entrustable professional activity to assess residents' ability to meet societal needs. *Acad Pediatr*. 2014 Jan-Feb;14(1):10-3

Tele healthcare

- Phillips B, Romaniszyn R, Metri J, Buckley K, Nelson SD, Luchen GG, Low K, Selby A. Creating a framework for delivering digital and telehealth knowledge to future and current pharmacists. *Am J Health Syst Pharm*. 2026 Jun 10;zxag178. doi: 10.1093/ajhp/zxag178. Epub ahead of print. PMID: 42267658.
- Merolli M, Vallance P, McCreesh K, O'Sullivan C, Ahmed O, Kerry R, Butler-Henderson K, Gray K. Entrustable professional activities for physiotherapists to demonstrate digital health competency: an international delphi study. *Physiother Theory Pract*. 2025 Oct;41(10):2075-2088. doi: 10.1080/09593985.2025.2495130. Epub 2025 Apr 25. PMID: 40277460.
- Merolli M, Gray K. Demonstrating Digital Health Clinical Competence in Practice: A Method for Developing Entrustable Professional Activities. *Stud Health Technol Inform*. 2024 Jan 25;310:1221-1225. doi: 10.3233/SHTI231159. PMID: 38270009.
- Lesselroth B, Monkman H, Palmer R, Liew A, Kendrick C, Kollaja L, Ijams S, Homco J, Soo E, Foulks K, Wen F. Tele dermatology: Simulating Hybrid Workflows for Telemedicine Education. *Stud Health Technol Inform*. 2024 Jan 25;310:1176-1180. doi: 10.3233/SHTI231150. PMID: 38270000.
- Lesselroth B, Monkman H, Liew A, Palmer R, Crosby K, Kelly D, Kollaja L, Ijams S, Rodriguez K, Homco J, Wen F. Simulating Telemedicine, Medication Reconciliation, and Social Determinants: A Novel Instructional Approach to Health Systems Competencies. *Stud Health Technol Inform*. 2024 Jan 25;310:1201-1205. doi: 10.3233/SHTI231155. PMID: 38270005.
- Dadlani A, Bernstein S, Welton R. Assessing Medical Students' Comfort with Telemedicine. *South Med J*. 2023 May;116(5):400-404.
- Proc. 2023 Apr 29;2022:700-708.
- Foster M, Lioce L, Howell Adams M. Telehealth in Nursing Education: A Systematic Review. *J Nurs Educ*. 2021 Nov;60(11):633-635. doi: 10.3928/01484834-20210913-06. Epub 2021 Nov 1. PMID: 34723739.
- Lum E, van Galen LS, Car J. Competency-Based Training for Entrustment in Telehealth Consultations. *Pediatr Clin North Am*. 2020 Aug;67(4):735-757.
- Liew A, Monkman H, Palmer R, Kollaja L, Rodriguez K, Ijams S, Homco J, Laurent J, Wickham A, Wen F, Lesselroth B. A Telepsychiatry Simulation for Suicide Assessment: Teaching Telemedicine Safety Competencies. *AMIA Annu Symp*

Triaging

- Wang ES, Velásquez ST, Smith CJ, Matthias TH, Schmit D, Hsu S, Leykum LK. Triaging Inpatient Admissions: an Opportunity for Resident Education. *J Gen Intern Med*. 2019 May;34(5):754-757.

Ultrasound / sonography

- Hsu NC, Yang CW, Lin YF, Tsai HB, Liao C, Ho CC, Yu CJ. Point-of-care ultrasound training using near-peer training and remote Supervision: A pilot randomized controlled trial. *Ultrasound J*. 2026 May 20;18(1):18577. doi: 10.5826/tuj.2026.18577. PMID: 42159600.

- Aboulénain S, Koppikar S, McDonald-Blumer H, Powell MF, Akhavan P, Zhou AL, Omar A, Lake S. Developing and Implementing an Entrustable Professional Activity for Musculoskeletal Ultrasound in an Adult Rheumatology Residency: A Pilot Study. *J Rheumatol*. 2026 Apr 1;53(4):469-471. doi: 10.3899/jrheum.2025-0693. PMID: 41397858.
- Donroe JH, Sofair AN, Piro KM, Restrepo D, Moore CL, Slade MD, Lu H, Green M. Assessing Internist Competency in Point-of-Care Ultrasound Using the Entrustable Professional Activity Framework. *J Gen Intern Med*. 2026 Mar 16. doi: 10.1007/s11606-026-10309-6. Epub ahead of print. PMID: 41840338.
- Lintner-Rivera M, Maxson IN, Al-Subu AM, Bhargava V, Chandnani HK, Chong G, Conlon TW, Davis JJ, Flores S, Ginsburg S, Gutierrez P, Haileselassie B, Kozyak BW, Li B, MacDonald JM, Nishisaki A, Ramírez MM, Tripathi S, Wenger JL, Fastag- Guttman E, Scully PT, Thammasitboon S, Su E; Pediatric Research Collaborative on Critical Ultrasound (PeRCCUS) a subgroup of the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Research Network. Proposing Entrustable Professional Activities for Pediatric Critical Care Ultrasound: A Modified Delphi Consensus Approach. *Pediatr Crit Care Med*. 2026 Feb 1;27(2):235-243. doi: 10.1097/PCC.0000000000003886. Epub 2026 Feb 5. PMID: 41642061.
- Aronskyy I, deBruyn JC, Chugh R; Intestinal Ultrasound Group of the United States and Canada (iUSCAN) Education Committee. Development of an Entrustable Professional Activity for Intestinal Ultrasound in North America. *Am J Gastroenterol*. 2025 Dec 1;120(12):2735-2741. doi: 10.14309/ajg.0000000000003435. Epub 2025 Mar 27. PMID: 40146035.
- Thom C, Han D, Vann G, Martindale J, Moak J. A Randomized Study of Biplane Imaging in Ultrasound-Guided Peripheral Vascular Access Performed by Novice Operators. *J Emerg Med*. 2025 Aug;75:209-217. doi: 10.1016/j.jemermed.2025.02.016. Epub 2025 Feb 15. PMID: 40527631.
- Perry R, Forshaw A, Childs J, Chester D, Edwards C. Cultivating Competency in Cardiac Sonography: Aligning Entrustable Professional Activities With Industry Expectations. *Heart Lung Circ*. 2024 Jul;33(7):1067-1073. doi: 10.1016/j.hlc.2024.01.027. Epub 2024 Mar 7. PMID: 38458932.
- Edwards C, Perry R, Chester D, Childs J. Entrustable professional activities of graduate accredited General Medical Sonographers in Australia – Industry perceptions. *J Med Radiat Sci*. 2023 Apr 8. doi: 10.1002/jmrs.676. Epub ahead of print. PMID: 37029950.
- Hoppmann RA, Mladenovic J, Melniker L, Badea R, Blaivas M, Montorfano M, Abuhamad A, Noble V, Hussain A, Prosen G, Villen T, Via G, Nogue R, Goodmurphy C, Bastos M, Nace GS, Volpicelli G, Wakefield RJ, Wilson S, Bhagra A, Kim J, Bahner D, Fox C, Riley R, Steinmetz P, Nelson BP, Pellerito J, Nazarian LN, Wilson LB, Ma IWY, Amponsah D, Barron KR, Dversdal RK, Wagner M, Dean AJ, Tierney D, Tsung JW, Nocera P, Pazeli J, Liu R, Price S, Neri L, Piccirillo B, Osman A, Lee V, Naqvi N, Petrovic T, Bornemann P, Valois M, Lanctot JF, Haddad R, Govil D, Hurtado LA, Dinh VA, DePhilip RM, Hoffmann B, Lewiss RE, Parange NA, Nishisaki A, Doniger SJ, Dallas P, Bergman K, Barahona JO, Wortsman X, Smith RS, Sisson CA, Palma J, Mallin M, Ahmed L, Mustafa H. International consensus conference recommendations on ultrasound education for undergraduate medical students. *Ultrasound J*. 2022 Jul 27;14(1):31. doi: 10.1186/s13089-022-00279-1.
- Stankovic I, Muraru D, Fox K, Di Salvo G, Hasselberg NE, Breithardt OA, Hansen TB, Neskovic AN, Gargani L, Cosyns B, Edvardsen T; Reviewers: This document was reviewed by members of the 2020-2022 EACVI Scientific Documents Committee: Daniele Andreini, Magnus Báck, Philippe B. Bertrand, Marc Dweck, Niall Keenan, Julien Magne, Leyla Elif Sade; and by the Chair of the 2020-2022 EACVI Scientific Documents Committee: Erwan Donal.. Level 1 of Entrustable Professional Activities in adult echocardiography: a position statement from the EACVI regarding the training and competence requirements for selecting and interpreting echocardiographic examinations. *Eur Heart J Cardiovasc Imaging*. 2021 Sep 20;22(10):1091-1097. doi: 10.1093/ehjci/jeab143. PMID: 34383895.

- Sena A, Alerhand S, Lamba S. Milestone Approach to Designing a Point-of-Care Ultrasound Curriculum for Transition-to-Residency Programs in the United States. *Teach Learn Med*. 2021 Jun-Jul;33(3):270-281.
- Haney RM, Halperin M, Diamond E, Ratanski D, Shokoohi H, Huang C, Liteplo AS. Clinical Integration of Point-of-care Ultrasound by Emergency Medicine Residents: A Single-center Mixed-methods Study. *AEM Educ Train*. 2020 Jul 20;4(3):212-222.
- Olgers TJ, Azizi N, Blans MJ, Bosch FH, Gans ROB, Ter Maaten JC. Point-of-care Ultrasound (PoCUS) for the internist in Acute Medicine: a uniform curriculum. *Neth J Med*. 2019 Jun;77(5):168-176.
- Schnobrich DJ, Mathews BK, Trappey BE, Muthyala BK, Olson APJ. Entrusting internal medicine residents to use point of care ultrasound: Towards improved assessment and supervision. *Med Teach*. 2018 May 23:1-6.
- Kukulski P, Ward M, Carter K. Ultrasound for Volume Assessment in Patients with Shock: Effectiveness of an Educational Intervention for Fourth-year Medical Students. *Cureus*. 2018 Jan 30;10(1):e2129.

Ward rounds

- Unaka NI, Winn A, Spinks-Franklin A, Poitevien P, Trimm F, Nuncio Lujano BJ, Turner DA. An Entrustable Professional Activity Addressing Racism and Pediatric Health Inequities. *Pediatrics*. 2022 Feb 1;149(2):e2021054604. doi: 10.1542/peds.2021-054604. PMID: 35001103.
- Khan IA, Conway NB, Ali M, Rios C, Holder CL, Obeso VT. Providing Care with Cultural, Racial, and Ethnic Humility: the Framework for an Additional Entrustable Professional Activity. *Med Sci Educ*. 2022 Feb 1;32(2):283-285. doi: 10.1007/s40670-022-01513-0. PMID: 35127247; PMCID: PMC8803572.
- Kessoku T, Uneno Y, Urushibara-Miyachi Y, Oya K, Kusakabe A, Nakajima A, Kobayashi N, Ichikawa Y, Miyashita M, Muto M, Mori M, Morita T. Development of a list of competencies and entrustable professional activities for resident physicians during death pronouncement: a modified Delphi study. *BMC Med Educ*. 2022 Feb 22;22(1):119. doi: 10.1186/s12909-022-03149-5. PMID: 35193555; PMCID: PMC8861606.
- Sinclair T, Bell BI, Perez K, Klyde D, Veith M, Weinstock R, Cassese T, Nosanchuk JD. Rapid Mobilization of Medical Student Volunteers to Administer Vaccines During the COVID-19 Pandemic. *J Med Educ Curric Dev*. 2022 Jan 11;9:23821205211073092. doi: 10.1177/23821205211073092. PMID: 35036568; PMCID: PMC8755923.
- Schmelter V, März E, Adolf C, Wölfel TL, Lottspeich C, Fischer MR, Schmidmaier R. Ward rounds in internal medicine: Validation of an Entrustable Professional Activity (EPA) observation checklist. *GMS J Med Educ*. 2018 May 15;35(2):Doc17. doi: 10.3205/zma001164.
- Chamberlain NR, Sexton PS, Hardee MR, Baer RW. Physician-Mentored Patient Rounds to Observe and Assess Entrustable Professional Activities 1 and 2 in Preclinical Medical Students. *J Am Osteopath Assoc*. 2018 Mar 1;118(3):199-206

Miscellaneous

- Jenkins PD, Willis S, Doberne J, Jesneck J, Thanawala R. Entrustment Signal Distortion: Addressing Specialty Misalignment in Entrustable Professional Activity Assessment of Residents. *J Surg Res*. 2026 May;321:266-273. doi: 10.1016/j.jss.2026.03.008. Epub 2026 Mar 30. PMID: 41916074.
- Ebrahim MZ, Meyer R, Archer E. A multifaceted training approach for neurosurgery registrars incorporating cadaver-based simulation. *J Coll Med S Afr*. 2026 Apr 22;4(1):287. doi: 10.4102/jcmsa.v4i1.287. PMID: 42111252; PMCID: PMC13149788.
- Tyagi R, Greene EA, Lachman L, Hamaoka DA, Mullenix PS, Mangal J, Swanberg MM, Diana EG, Cozza KL. Obtaining and Documenting Informed Consent: An Advanced UME Cross-Specialty,

Role-Playing Skill Builder. MedEdPORTAL. 2026 Mar 3;22:11580. doi: 10.15766/mep_2374-8265.11580. PMID: 41783761; PMCID: PMC12956033.

- Raghavan N, Patel PC, Limon D, Morris MX, Kempenich JW, Rajesh A. Artificial Intelligence in Surgical Education: A 2025 Update on Adaptive Training, Feedback, and Competency-Based Education. *Am Surg*. 2026 Mar;92(3):675-686. doi: 10.1177/00031348251397597. Epub 2025 Nov 11. PMID: 41215632.
- Al-Diery T, Marotti S, Sim YT, Jaam M, Rowett D, Johnson JL. Beyond the Numbers: Exploring Tensions Between Formal Entrustment and Trainee Readiness in Internship Training - A Mixed-Methods Study. *Perspect Med Educ*. 2026 Mar 19;15(1):279-295. doi: 10.5334/pme.2259. PMID: 41867404; PMCID: PMC13004065.
- Bauermann M, Schindler AK, Kuchenbaur M, Rühl J, Reinert P, Kunz M, Friedrich-Welz S, André E, Rotthoff T. Smiling and first impressions in ad hoc entrustment decisions: An avatar-based simulation study. *GMS J Med Educ*. 2026 Feb 17;43(2):Doc16. doi: 10.3205/zma001810. PMID: 41767721; PMCID: PMC12936917.
- Tiebosch I, Whitfield L, Favier R. Introducing entrustable professional activities and competency-based development into workplace-based training within laboratory animal sciences. *Lab Anim*. 2025 Dec;59(6):645-651. doi: 10.1177/00236772251351101. Epub 2025 Sep 10. PMID: 40930723.
- Bruton L, Spewak M, Grage J, Mass J, Foster C, McBride ME. Creation of a Novel Longitudinal Pediatrics Resident Curricular Program Addressing the Medical and Social Needs of Children with Medical Complexity. *J Pediatr*. 2025 Dec;287:114751. doi: 10.1016/j.jpeds.2025.114751. Epub 2025 Jul 23. PMID: 40712741.
- Zmijewski P, Kasmirski JA, Balachandra S, McLeod C, Akhund R, Allahwasaya A, Lafrinere T, Fazendin JM, Carty SE, Graham PH, Hughes DT, Lyden M, Miller BS, Finnerty BM, Yip L, Lindeman B. Learner and Teacher Entrustability Concordance in Endocrine Surgery Entrustable Professional Activities. *World J Surg*. 2025 Nov;49(11):3136-3141. doi: 10.1002/wjs.70124. Epub 2025 Oct 8. PMID: 41062291.
- Surace R, Palermo C, Porter J. Factors influencing the incorporation of Entrustable Professional Activities into assessment in nutrition and dietetics education: A systematic review. *Nutr Diet*. 2025 Nov;82(5):487-500. doi: 10.1111/1747-0080.70004. Epub 2025 Mar 18. PMID: 40103014; PMCID: PMC12583903.
- Jamieson J, Palermo C, Hay M, Gibson S. Assessment practices for dietetic students: An updated systematic review (2017-2024). *Nutr Diet*. 2025 Nov;82(5):467-486. doi: 10.1111/1747-0080.70001. Epub 2025 Mar 5. PMID: 40044574; PMCID: PMC12583895.
- Holmstrom AL, Williams-Karnesky R, White E, Sarosi G, Brasel K, Lindeman B. Entrustable Professional Activities Beyond Engagement: Best Practices From Across the Training Continuum. *J Surg Res*. 2025 Nov;315:722-730. doi: 10.1016/j.jss.2025.08.018. Epub 2025 Oct 23. PMID: 41135322.
- Agathis AZ, Yang J, Lazar DJ, Chan L, Wu JZ, Divino CM. Understanding Entrustable Professional Activity Micro-assessment Quality and Entrustability: Impact of Gender and Experience Level. *J Surg Res*. 2025 Nov;315:596-605. doi: 10.1016/j.jss.2025.09.062. Epub 2025 Oct 19. PMID: 41115357; PMCID: PMC12856845.
- Soelling SJ, Hillas J, Clancy T, Molina G, Littleton EB, Smink DS. To Operate or Not to Operate? A Script Concordance Study of Resident Preoperative Decision-Making. *J Surg Res*. 2025 Sep;313:141-147. doi: 10.1016/j.jss.2025.06.037. Epub 2025 Jul 14. PMID: 40664113.
- Carney PA, Valenzuela S, Ericson A, Dinh DH, Conry C, Peterson LE, Douglass AB, Rosener SE, Dickinson WP, Nadeau MT, Mitchell KB, Martin JC, Eiff MP. The Impact of Length of Training on Clinical Preparedness Among New Graduates: A Report From the Length of Training Pilot Study in Family Medicine. *Fam Med*. 2025 Sep;57(8):543-549. doi: 10.22454/FamMed.2025.801918. Epub 2025 Jun 5. PMID: 40526850; PMCID: PMC12611190.

- El Galad A, Sebok-Syer SS, Panza M, Ng K, Lingard L. Beyond the Scores: Gendered Interpretations of Emergency Medicine Resident Assessments of Interdependent Performances. *Perspect Med Educ*. 2025 Aug 21;14(1):504-518. doi: 10.5334/pme.1937. PMID: 40860988; PMCID: PMC12372684.
- Vural KM, Hirsch E, Herman C, Horne D. Competence by Design in Cardiac Surgery Resident Training: A Qualitative Thematic Analysis. *J Surg Res*. 2025 Jul;311:31-42. doi: 10.1016/j.jss.2025.04.009. Epub 2025 May 16. PMID: 40381391.
- Hanley K, McSwiney E, Malley BO, Barrett A, McEllistrem B. How We Built Workplace Based Assessment-for-Learning in Irish GP Training. *Perspect Med Educ*. 2025 Jul 22;14(1):411-422. doi: 10.5334/pme.1428. PMID: 40718373; PMCID: PMC12292051.
- Balch JA, Sebok-Syer SS, Marcotte K, Pradarelli AA, Moreci R, Shickel B, Krumm AE, Loftus TJ. The Predictive Value of Basic Laparoscopic Evaluations on Complex Cases Using the Society for Improving Medical Procedural Learning Database. *J Surg Res*. 2025 Jul;311:164-171. doi: 10.1016/j.jss.2025.04.041. Epub 2025 May 27. PMID: 40435878.
- Roe SC. Real-Time Feedback to Enhance the Teaching of Wire Tying. *J Vet Med Educ*. 2022 Dec 7:e20220102. doi: 10.3138/jvme-2022-0102. Epub ahead of print.
- Younas A, Khan RA, Yasmin R. Entrustment in physician-patient communication: a modified Delphi study using the EPA approach. *BMC Med Educ*. 2021 Sep 20;21(1):497. doi: 10.1186/s12909-021-02931-1. PMID: 34544394; PMCID: PMC8454034.

Miscellaneous (22)

- Hennis MP, Ladenheim RI, Chen HC, Chou FC, Hamstra SJ, Hennel EK, Marty AP, Romao GS, Yap M, Ten Cate O. Understanding Curriculum Implementation with Entrustable Professional Activities Through the Lens of Normalization Process Theory. *Perspect Med Educ*. 2026 Jun 11;15(1):502-511. doi: 10.5334/pme.2440. PMID: 42292746; PMCID: PMC13262643.
- Jenkins PD, Willis S, Doberne J, Jesneck J, Thanawala R. Entrustment Signal Distortion: Addressing Specialty Misalignment in Entrustable Professional Activity Assessment of Residents. *J Surg Res*. 2026 May;321:266-273. doi: 10.1016/j.jss.2026.03.008. Epub 2026 Mar 30. PMID: 41916074.
- Ebrahim MZ, Meyer R, Archer E. A multifaceted training approach for neurosurgery registrars incorporating cadaver-based simulation. *J Coll Med S Afr*. 2026 Apr 22;4(1):287. doi: 10.4102/jcmsa.v4i1.287. PMID: 42111252; PMCID: PMC13149788.
- Tyagi R, Greene EA, Lachman L, Hamaoka DA, Mullenix PS, Mangal J, Swanberg MM, Diana EG, Cozza KL. Obtaining and Documenting Informed Consent: An Advanced UME Cross-Specialty, Role-Playing Skill Builder. *MedEdPORTAL*. 2026 Mar 3;22:11580. doi: 10.15766/mep_2374-8265.11580. PMID: 41783761; PMCID: PMC12956033.
- Raghavan N, Patel PC, Limon D, Morris MX, Kempenich JW, Rajesh A. Artificial Intelligence in Surgical Education: A 2025 Update on Adaptive Training, Feedback, and Competency-Based Education. *Am Surg*. 2026 Mar;92(3):675-686. doi: 10.1177/00031348251397597. Epub 2025 Nov 11. PMID: 41215632.
- Al-Diery T, Marotti S, Sim YT, Jaam M, Rowett D, Johnson JL. Beyond the Numbers: Exploring Tensions Between Formal Entrustment and Trainee Readiness in Internship Training - A Mixed-Methods Study. *Perspect Med Educ*. 2026 Mar 19;15(1):279-295. doi: 10.5334/pme.2259. PMID: 41867404; PMCID: PMC13004065.
- Bauermann M, Schindler AK, Kuchenbaur M, Rühl J, Reinert P, Kunz M, Friedrich-Welz S, André E, Rotthoff T. Smiling and first impressions in ad hoc entrustment decisions: An avatar-based simulation study. *GMS J Med Educ*. 2026 Feb 17;43(2):Doc16. doi: 10.3205/zma001810. PMID: 41767721; PMCID: PMC12936917.
- Tiebosch I, Whitfield L, Favier R. Introducing entrustable professional activities and competency-based development into workplace-based training within laboratory animal sciences. *Lab Anim*. 2025 Dec;59(6):645-651. doi: 10.1177/00236772251351101. Epub 2025 Sep 10. PMID: 40930723.

- Bruton L, Spewak M, Grage J, Mass J, Foster C, McBride ME. Creation of a Novel Longitudinal Pediatrics Resident Curricular Program Addressing the Medical and Social Needs of Children with Medical Complexity. *J Pediatr*. 2025 Dec;287:114751. doi: 10.1016/j.jpeds.2025.114751. Epub 2025 Jul 23. PMID: 40712741.
- Zmijewski P, Kasmirski JA, Balachandra S, McLeod C, Akhund R, Allahwasaya A, Lafrinere T, Fazendin JM, Carty SE, Graham PH, Hughes DT, Lyden M, Miller BS, Finnerty BM, Yip L, Lindeman B. Learner and Teacher Entrustability Concordance in Endocrine Surgery Entrustable Professional Activities. *World J Surg*. 2025 Nov;49(11):3136-3141. doi: 10.1002/wjs.70124. Epub 2025 Oct 8. PMID: 41062291.
- Surace R, Palermo C, Porter J. Factors influencing the incorporation of Entrustable Professional Activities into assessment in nutrition and dietetics education: A systematic review. *Nutr Diet*. 2025 Nov;82(5):487-500. doi: 10.1111/1747-0080.70004. Epub 2025 Mar 18. PMID: 40103014; PMCID: PMC12583903.
- Jamieson J, Palermo C, Hay M, Gibson S. Assessment practices for dietetic students: An updated systematic review (2017-2024). *Nutr Diet*. 2025 Nov;82(5):467-486. doi: 10.1111/1747-0080.70001. Epub 2025 Mar 5. PMID: 40044574; PMCID: PMC12583895.
- Holmstrom AL, Williams-Karnesky R, White E, Sarosi G, Brasel K, Lindeman B. Entrustable Professional Activities Beyond Engagement: Best Practices From Across the Training Continuum. *J Surg Res*. 2025 Nov;315:722-730. doi: 10.1016/j.jss.2025.08.018. Epub 2025 Oct 23. PMID: 41135322.
- Agathis AZ, Yang J, Lazar DJ, Chan L, Wu JZ, Divino CM. Understanding Entrustable Professional Activity Micro-assessment Quality and Entrustability: Impact of Gender and Experience Level. *J Surg Res*. 2025 Nov;315:596-605. doi: 10.1016/j.jss.2025.09.062. Epub 2025 Oct 19. PMID: 41115357; PMCID: PMC12856845.
- Soelling SJ, Hillas J, Clancy T, Molina G, Littleton EB, Smink DS. To Operate or Not to Operate? A Script Concordance Study of Resident Preoperative Decision-Making. *J Surg Res*. 2025 Sep;313:141-147. doi: 10.1016/j.jss.2025.06.037. Epub 2025 Jul 14. PMID: 40664113.
- Carney PA, Valenzuela S, Ericson A, Dinh DH, Conry C, Peterson LE, Douglass AB, Rosener SE, Dickinson WP, Nadeau MT, Mitchell KB, Martin JC, Eiff MP. The Impact of Length of Training on Clinical Preparedness Among New Graduates: A Report From the Length of Training Pilot Study in Family Medicine. *Fam Med*. 2025 Sep;57(8):543-549. doi: 10.22454/FamMed.2025.801918. Epub 2025 Jun 5. PMID: 40526850; PMCID: PMC12611190.
- El Galad A, Sebok-Syer SS, Panza M, Ng K, Lingard L. Beyond the Scores: Gendered Interpretations of Emergency Medicine Resident Assessments of Interdependent Performances. *Perspect Med Educ*. 2025 Aug 21;14(1):504-518. doi: 10.5334/pme.1937. PMID: 40860988; PMCID: PMC12372684.
- Vural KM, Hirsch E, Herman C, Horne D. Competence by Design in Cardiac Surgery Resident Training: A Qualitative Thematic Analysis. *J Surg Res*. 2025 Jul;311:31-42. doi: 10.1016/j.jss.2025.04.009. Epub 2025 May 16. PMID: 40381391.
- Hanley K, McSwiney E, Malley BO, Barrett A, McEllistrem B. How We Built Workplace Based Assessment-for-Learning in Irish GP Training. *Perspect Med Educ*. 2025 Jul 22;14(1):411-422. doi: 10.5334/pme.1428. PMID: 40718373; PMCID: PMC12292051.
- Balch JA, Sebok-Syer SS, Marcotte K, Pradarelli AA, Moreci R, Shickel B, Krumm AE, Loftus TJ. The Predictive Value of Basic Laparoscopic Evaluations on Complex Cases Using the Society for Improving Medical Procedural Learning Database. *J Surg Res*. 2025 Jul;311:164-171. doi: 10.1016/j.jss.2025.04.041. Epub 2025 May 27. PMID: 40435878.
- Roe SC. Real-Time Feedback to Enhance the Teaching of Wire Tying. *J Vet Med Educ*. 2022 Dec 7:e20220102. doi: 10.3138/jvme-2022-0102. Epub ahead of print.

- Younas A, Khan RA, Yasmin R. Entrustment in physician-patient communication: a modified Delphi study using the EPA approach. *BMC Med Educ.* 2021 Sep 20;21(1):497. doi: 10.1186/s12909-021-02931-1. PMID: 34544394; PMCID: PMC8454034.

EPAs for non-health care disciplines

MHPE and PhD training

- Hamed O, Verstegen D, Alsheikh G, Alqarni MA, Taleb R, Rege N, Barua P, Cymet T, Shamim MS, Hegazy MS. International Delphi study on developing entrustable professional activities (EPAs) for master's learners in health professions education. *BMC Med Educ.* 2024 Nov 26;24(1):1362. doi: 10.1186/s12909-024-06377-z. PMID: 39587515; PMCID: PMC11590636.
- Gandomkar R, Zaeri R, Ten Cate O. Expectations for PhDs in health professions education: an international EPA-framed, modified Delphi study. *Adv Health Sci Educ Theory Pract.* 2022 Jul 14.
- Zaeri R, Gandomkar R. Developing entrustable professional activities for doctoral graduates in health professions education: obtaining a national consensus in Iran. *BMC Med Educ.* 2022 Jun 2;22(1):424. doi: 10.1186/s12909-022-03469-6. PMID: 35655194; PMCID: PMC9164418.
- Mink RB, Myers AL, Turner DA, Carraccio CL. Competencies, Milestones, and a Level of Supervision Scale for Entrustable Professional Activities for Scholarship. *Acad Med.* 2018 Nov;93(11):1668-1672.

Management

- Hosseini MM, Koohpaei A, Ebrahimipour H, Masoumian Hosseini ST. Policy options to address the effectiveness of health service management graduates in solving Iranian health system challenges: a mixed scoping review and policy Delphi approach. *EClinicalMedicine.* 2024 Oct 5;77:102875. doi: 10.1016/j.eclinm.2024.102875. PMID: 39430615; PMCID: PMC11490813.

Teaching in HPE

- Song J, Wei G, Cheng H, Yan Y, Yang S. Establishing a set of qualities for clinical teaching faculty in undergraduate medical internship. *BMC Med Educ.* 2025 Feb 24;25(1):298. doi: 10.1186/s12909-025-06868-7. PMID: 39994785; PMCID: PMC11854011.
- Schumann M, Peters H. Teacher entrustability in medical education: Navigating a complex landscape. *Med Teach.* 2025 Feb;47(2):368-369. doi: 10.1080/0142159X.2024.2334384. Epub 2024 Apr 2. PMID: 38564882.
- Slullitel A. Comments on "Reflections on the Inclusion of Direct-Care Physicians as Educators in Community Hospitals". *Rev Col Bras Cir.* 2025 Jan 13;51:e20243859. doi: 10.1590/0100-6991e-20243859-en. PMID: 39813421; PMCID: PMC11665325.
- Rafiq A, Sethi A. Entrustable professional activities for bedside clinical teachers. *BMC Med Educ.* 2024 Aug 18;24(1):887. doi: 10.1186/s12909-024-05876-3. PMID: 39155387; PMCID: PMC11331656.
- van Bruggen L, van Dijk EE, van der Schaaf M, Kluijtmans M, Ten Cate O. Developing entrustable professional activities for university teachers in the health professions. *Med Teach.* 2021 Nov 12:1-8. doi: 10.1080/0142159X.2021.1998402. Epub ahead of print. PMID: 34767494.
- Van Dam M, Ramani S, Ten Cate O. An EPA for better Bedside Teaching. *Clin Teach.* 2021 Aug;18(4):398-403.
- Iqbal MZ, Könings KD, Al-Eraky MM, van Merriënboer JJG. Entrustable Professional Activities for Small-Group Facilitation: A Validation Study Using Modified Delphi Technique. *Teach Learn Med.* 2021 Feb 15:1-10. doi: 10.1080/10401334.2021.1877714. Epub ahead of print.
- Iqbal MZ, Könings KD, Al-Eraky M, AlSheikh MH, van Merriënboer JJG. Development of an entrustable professional activities (EPAs) framework for small group facilitators through a participatory design approach. *Med Educ Online.* 2020 Dec;25(1):1694309.

- Iqbal MZ, M Al-Eraky M. Using entrustable professional activities (EPAs) to assess teaching competence and transfer of training: A personal view. *Med Teach*. 2018 Feb 23:1-2.
- Dewey CM, Jonker G, Ten Cate O, Turner TL. Entrustable professional activities (EPAs) for teachers in medical education: Has the time come? *Med Teach*. 2017 Aug;39(8):894-896
- Varaklis K, Bing-You R. Defining entrustable professional activities for residency/fellowship programme directors. *Med Educ*. 2017 May;51(5):546-547.
- Gruppen LD, Burkhardt JC, Fitzgerald JT, Funnell M, Haftel HM, Lypson ML, Mullan PB, Santen SA, Sheets KJ, Stalburg CM, Vasquez JA. Competency-based education: programme design and challenges to implementation. *Med Educ*. 2016 May;50(5):532-9. doi: 10.1111/medu.12977. PubMed PMID: 27072442.
- Bing-You RG, Holmboe E, Varaklis K, Linder J. Is It Time for Entrustable Professional Activities for Residency Program Directors? *Acad Med*. 2017 Jun;92(6):739-742

Research EPAs

- Weggemans MM, Ter Haar NM, Prakken B, Ten Cate O. Developing Entrustable Professional Activities for the Training of Translational Scientists: A Modified Delphi Study. *Acad Med*. 2021 Oct 1;96(10):1461-1466. doi:10.1097/ACM.0000000000004130. PMID: 33883399.