



Publications

1. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Nontraumatic Thoracic Aortic Dissection; Promes SB, Westafer L, Byyny R, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson J, Byyny R, Carpenter CR, Finnell JT, Friedman BW, Gemme SR, Gerardo CJ, Godwin SA, Hahn SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, Lo BM, Mace SE, Thompson JT, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Tomaszewski CA, Trent S, Valente JH, Wall SP, Westafer LM, Yu Y, Schulz T, Vandertulip K. Critical Issues in the Evaluation and Management of Adult Patients With Suspected Acute Nontraumatic Thoracic Aortic Dissection. *Annals of Emergency Medicine*. 2025;86(1):e12-e26. doi: 10.1016/j.annemergmed.2025.04.002. PMID: 40543988.
2. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Asymptomatic Hypertension; Gemme S, Meltzer AC, Byyny R, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson JD, Byyny R, Carpenter CR, Friedman BW, Gemme SR, Gerardo CJ, Godwin SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, Lo BM, Mace SE, Mattu A, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Thompson JT, Tomaszewski CA, Trent SA, Valente JH, Westafer LM, Wall SP, Yu Y, Lin MP, Finnell JT, Schulz T, Vandertulip K. Clinical Policy: A Critical Issue in the Outpatient Management of Adult Patients Presenting to the Emergency Department With Asymptomatic Elevated Blood Pressure: Approved by the ACEP Board of Directors January 22, 2025. *Annals of Emergency Medicine*. 2025;86(1):e1-e11. doi: 10.1016/j.annemergmed.2024.09.016. PMID: 40543987.
3. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Blunt Trauma; Gerardo CJ, Blanda M, Garg N, Shah KH, Byyny R, Wolf SJ, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Wolf SJ, Diercks DB, Anderson J, Byyny R, Carpenter CR, Finnell JT, Friedman BW, Gemme SR, Gerardo CJ, Godwin SA, Hahn SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, Lo BM, Mace SE, Moran M, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Tomaszewski CA, Trent SA, Valente JH, Wall SP, Westafer LM, Yu Y, Cantrill SV, Schulz T, Vandertulip K. Clinical Policy: Critical Issues in the Evaluation of Adult Patients Presenting to the Emergency Department With Acute Blunt Trauma. *Annals of Emergency Medicine*. 2024;84(4):e25-e55. doi: 10.1016/j.annemergmed.2024.05.027. PMID: 39306386.
4. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Seizures; Smith MD, Sampson CS, Wall SP, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson JD, Byyny R, Carpenter CR, Friedman BW, Gemme SR, Gerardo CJ, Godwin SA, Hahn SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, Lo BM, Mace SE, Mattu A, Moran M, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Thompson JT, Tomaszewski CA, Trent SA, Valente JH, Westafer LM, Wall SP, Yu Y, Finnell JT, Schulz T, Vandertulip K. Clinical Policy: Critical Issues in the Management of Adult Patients Presenting to the Emergency Department With

Seizures: Approved by the ACEP Board of Directors, April 17, 2024. *Annals of Emergency Medicine*. 2024;84(1):e1-e12. doi: 10.1016/j.annemergmed.2024.02.018. PMID: 38906639.

5. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Thrombolytics; Lo BM, Carpenter CR, Milne K, Panagos P, Haukoos JS, Diercks DB; Members of the American College of Emergency Physicians (ACEP) Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson JD, Byyny R, Carpenter CR, Friedman BW, Gemme SR, Gerardo CJ, Godwin SA, Hatten BW, Haukoos JS, Kaji A, Kwok H, Lo BM, Mace SE, Mattu A, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Thompson JT, Tomaszewski CA, Trent SA, Valente JH, Westafer LM, Wall SP, Yu Y, Lin MP, Finnell JT, Schulz T, Vandertulip K. Clinical Policy: Use of Thrombolytics for the Management of Acute Ischemic Stroke in the Emergency Department. *Annals of Emergency Medicine*. 2024;84(6):e57-e86. doi: 10.1016/j.annemergmed.2024.07.023. PMID: 39578010.
6. American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Carbon Monoxide Poisoning; Shih RD, Tomaszewski CA, Kaji A, Diercks DB; Members of the American College of Emergency Physicians Clinical Policies Committee (Oversight Committee); Diercks DB, Anderson JD, Byyny R, Carpenter CR, Friedman BW, Gemme SR, Gerardo CJ, Godwin SA, Hatten BW, Haukoos JS, Kwok H, Lo BM, Mace SE, Mattu A, Promes SB, Shah KH, **Shih RD**, Silvers SM, Slivinski A, Smith MD, Thiessen MEW, Thompson JT, Tomaszewski CA, Trent S, Valente JH, Westafer LM, Wall SP, Yu Y, Finnell JT, Schulz T, Vandertulip K. A Critical Issue in the Management of Adult Patients Presenting to the Emergency Department With Acute Carbon Monoxide Poisoning: Approved by the ACEP Board of Directors January 22, 2025. *Annals of Emergency Medicine*. 2025;85(4):e45-e59. doi: 10.1016/j.annemergmed.2024.12.005. PMID: 40118649.
7. Andrade F, **Engstrom G**, **Wells M**, **Shih R**. Association Between Intracranial Hemorrhage and Dementia in Geriatric Head Trauma Patients [abstract D241]. *Journal of the American Geriatrics Society*. 2025;73(S1):S1379.
8. Andrade FS, Ornelas J, Park J, **Engstrom G**, **Shih RD**, Ahn H, Telkes I. Multimodal Biomedical Signal Acquisition Setup to Assess Chronic Pain in Older Adults With Alzheimer's Disease. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society*. 2024;2024:1-4. doi: 10.1109/EMBC53108.2024.10782487. PMID: 40039546.
9. Caplan C, **Engstrom G**, **Wells M**, **Alter SM**, **Clayton LM**, **Solano JJ**, Bruno E, **Buckley TP**, **Shih RD**. Supratherapeutic warfarin and risk of intracranial hemorrhage in geriatric patients with blunt head trauma. *American Journal of Emergency Medicine*. 2025;96:75-79. doi: 10.1016/j.ajem.2025.06.020. PMID: 40540788.
10. Emami A, Jun J, Theorell T, **Engström G**, Berglund L. Day-to-day variability of stress biomarkers during a music intervention in people living with dementia and their family caregivers. *Scientific Progress*. 2024;107(3):368504241263692. doi: 10.1177/00368504241263692. PMID: 39051501.
11. Expert Panel on Musculoskeletal Imaging; Bartolotta RJ, Ha AS, Bateni CP, Chen KC, Dvorzhinskiy A, Flug J, Geannette CS, Karagulle Kendi AT, Laur O, Levenson RB, Mujahid N, Panginikkod S, Plant GM, Plotkin BE, **Shih RD**, Wessell DE. ACR Appropriateness Criteria® Acute Hip Pain: 2024 Update. *Journal of the American College of Radiology*. 2025;22(5S):S3-S13. doi: 10.1016/j.jacr.2025.02.039. PMID: 40409883.

12. Expert Panel on Neurological Imaging; Timpone VM, Parsons MS, Boulter DJ, Burns J, Eldaya RW, Grossberg JA, Hassankhani A, Hutchins TA, Kelly AG, Khan MA, Ortiz AO, Potter CA, Shah VN, **Shih RD**, Wright CL, Policeni B. ACR Appropriateness Criteria® Imaging of Suspected Intracranial Hypotension. *Journal of the American College of Radiology*. 2024;21(11S):S396-S412. doi: 10.1016/j.jacr.2024.08.020. PMID: 39488351.
13. Fistel T, Lotharius K, **Engstrom G**, Ouslander JG. Depression and Antidepressant Prescription in Hospitalized Centenarians. *Journal of the American Geriatrics Society*. 2025;73(5):1618-1620. doi: 10.1111/jgs.19415. PMID: 40036138.
14. Göransson KE, von Vogelsang AC, **Engström G**. Mucosal injuries from indwelling catheters: A scoping review. *PLoS One*. 2025;20(1):e0317501. doi: 10.1371/journal.pone.0317501. PMID: 39820243.
15. Hlanze K, Swartzberg K, **Wells M**. Evaluation of the use of intraosseous access on adult patients presenting to the emergency department in urban South Africa. *African Journal of Emergency Medicine*. 2025;15(1):513-517. doi: 10.1016/j.afjem.2024.11.001. PMID: 39720678.
16. Jan MT, Kumar A, Sonar VG, Wells M, Pandya A, Engstrom G, Shih RD, Furht, B. Comprehensive survey of body weight estimation: techniques, datasets, and applications. *Multimedia Tools and Applications*. 2024. doi: 10.1007/s11042-024-20318-4.
17. Lo AX, **Shih RD**, Rackman AS, Kennedy RE. Challenges for emergency departments: Anti-amyloid therapy and amyloid-related imaging abnormalities in persons with dementia. *Journal of the American Geriatrics Society*. 2024;72(12):3945-3949. doi: 10.1111/jgs.19099. PMID: 39036948.
18. **Shih RD**, **Alter SM**, **Solano JJ**, **Engstrom G**, **Wells M**, **Clayton LM**, **Hughes PG**, Goldstein LN, Azar F, Ouslander JG. Low Incidence of Delayed Intracranial Hemorrhage in Geriatric Emergency Department Patients on Preinjury Anticoagulation Presenting with Blunt Head Trauma. *Journal of Emergency Medicine*. 2024;67(6):e516-e522. doi: 10.1016/j.jemermed.2024.06.002. PMID: 39271405.
19. **Shih RD**, **Alter SM**, **Wells M**, **Solano JJ**, **Engstrom G**, **Clayton LM**, **Hughes PG**, Goldstein LN, Lottenberg L, Ouslander JG. The Florida Geriatric Head Trauma CT Clinical Decision Rule. *Journal of the American Geriatrics Society*. 2024;72(9):2738-2751. doi: 10.1111/jgs.19057. PMID: 38959158.
20. **Shih RD**, **Engstrom G**, Pandya AS, Fields GB, Furht B, Danesh AA, **Alter SM**, Munoz H, **Clayton LM**, **Solano JJ**, **Buckley T**, Hung O, Farag A, **Wells M**. Pharmacogenomic Drug-Gene Interactions in Geriatric Emergency Department Patients That Have Fallen. *medRxiv*. 2024.08.14.24311970; doi: 10.1101/2024.08.14.24311970.
21. **Shih R**, Shenvi C. Evaluation of Older Adults in the Emergency Department Following a Fall. *Emergency medicine clinics of North America*. 2025;43(2):189-198. doi: 10.1016/j.emc.2024.08.003. PMID: 40210340.
22. Twadell S, Taveres AN, Benda W, **Alter SM**. Tattoo-associated Uveitis Presenting to the Emergency Department. *Journal of Emergencies, Trauma, and Shock*. 2025;18(2):91-93. doi: 10.4103/jets.jets_52_24.

23. **Wells M**, Goldstein LN, Wells T, **Ghazi N**, Pandya A, Furht B, **Engstrom G**, Jan MT, **Shih R**. Total body weight estimation by 3D camera systems: Potential high-tech solutions for emergency medicine applications? A scoping review. *Journal of the American College of Emergency Physicians open*. 2024;5(5):e13320. doi: 10.1002/emp2.13320. PMID: 39371964.
24. Zirulnik A, Liu S, **Wells M**, **Alter SM**, **Engstrom G**, **Solano JJ**, **Clayton LM**, Reiter M, **Hughes PG**, Goldstein L, **Shih RD**. Alcohol use is associated with intracranial hemorrhage in older emergency department head trauma patients. *Journal of the American College of Emergency Physicians Open*. 2024;5(4):e13245. doi: 10.1002/emp2.13245. PMID: 39086794.

Grants

1. **Shih RD**, **Wells M**, Danesh AA, Pandya A. A Machine Learning-Driven Smart Technology to Provide Clinicians Individualized Pharmacogenetic Based Precision Prescribing Recommendations. The 2024 Florida Atlantic University Colleges of Engineering and Computer Science, Medicine, and Nursing Collaborative Center for SMART Health Seed Grant. June 24, 2024 to June 23, 2025. \$25,000.

Oral Presentations

1. **Buckley T**, Adhikari S. Evaluating the Impact of Verbal vs. Nonverbal Feedback on Ultrasound-Guided IV Training Outcomes. Oral presentation at: 2025 AIUM Annual Convention; March 31, 2025; Orlando, FL.
2. **Phadnis S**, **Hickey C**, **Alter SM**, **Clayton L**, **Solano JJ**, **Shih R**, Levine R, **Hughes PG**. Enhancing Emergency Procedure Education with Haptic Training Simulators. Oral presentation at: 25th International Meeting on Simulation in Healthcare; January 13, 2025; Orlando, FL.

Poster Presentations

1. Acuña J, Demant M, **Buckley T**. The Evaluation of a Novel Simulation Model for Airway Ultrasound Education. Poster presented at: 2025 AIUM Annual Convention; April 1, 2025; Orlando, FL.
2. Andrade F, **Engstrom G**, **Wells M**, **Shih R**. Association Between Intracranial Hemorrhage and Dementia in Geriatric Head Trauma Patients. Poster presented at: 2025 American Geriatrics Society Annual Meeting; May 9, 2025; Chicago, IL.
3. Andrade FS, Ornelas J, Park J, **Engstrom G**, **Shih RD**, Ahn H, Telkes I. Multimodal Biomedical Signal Acquisition Setup to Assess Chronic Pain in Older Adults With Alzheimer's Disease. Poster Presentation at: Annual International Conference of the IEEE Engineering in Medicine and Biology Society. July 16, 2024; Orlando, FL.
4. **Phadnis S**, **Williams C**, **Alter SM**, Roth Q, **Clayton LM**, **Solano JJ**, **Shih RD**, Levine R, **Hughes PG**. Addition of a Screen-Based Human-Like Avatar to Traditional Mannequin-Based Simulation for Emergency Medicine Resident Training. Poster presentation at: 2025 CORD Academic Assembly; March 3, 2025; Seattle, WA.