

Brent G. Klapthor, MD, MS

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PROFESSIONAL SUMMARY

Board-certified Emergency Medicine physician and ABEM-certified EMS subspecialist with fellowship training in Emergency Medical Services and active clinical practice across diverse emergency care settings. Dr. Klapthor has practiced emergency medicine across four states, including a community Level I trauma center, an academic quaternary referral center with Level I trauma designation, community emergency departments, rural emergency departments, and rural Level III trauma centers. His clinical experience includes the evaluation, stabilization, disposition, and transfer of patients with trauma, stroke, STEMI, sepsis, airway emergencies, and other high-acuity conditions. He also has experience in EMS quality assurance, prehospital medical oversight, protocol review, and evidence-based appraisal as an ad hoc peer reviewer for Annals of Emergency Medicine. He has been accepted to serve as an Expert Reviewer for the Medical Board of California, with initial case assignments pending. Available for medical malpractice consultation and expert witness review in emergency medicine, EMS, prehospital care, diagnostic error, resuscitation, and interfacility transfer decision-making.

SELECTED CASE REVIEW AREAS

- Emergency department standard of care
- Diagnostic error and delayed diagnosis in emergency medicine
- Trauma, stroke, STEMI, sepsis, airway, and resuscitation care
- Care of the agitated patient in the prehospital and emergency department setting
- Emergency department triage, disposition, and clinical decision-making
- Interfacility transfer decisions and stabilization before transfer
- EMS assessment, treatment, transport, and destination decisions
- Medical control, EMS protocols, and prehospital quality review
- Interface between EMS systems and receiving emergency departments

BOARD CERTIFICATION & LICENSURE

ABEM Board Certified - Emergency Medicine

2024

ABEM Emergency Medical Services (EMS) Subspecialty Board Certified

2025

Licensure & Certifications

- California Medical License - Active
- Arizona Medical License - Active
- Active DEA Licenses - Arizona, California
- Active Certifications: ATLS, ACLS/BLS, PALS

CLINICAL PROFESSIONAL EXPERIENCE

Kaiser Permanente - San Diego, CA

August 2024 - Present

Per Diem Clinical Staff, Emergency Department

- Per diem attending across three Kaiser community emergency departments
- Evaluates and manages acute emergency presentations in community emergency department settings, including triage, stabilization, disposition, and transfer coordination when indicated

Onvida Health Yuma Medical Center - Yuma, AZ

August 2024 - Present

Per Diem Clinical Staff, Emergency Department

- Rural Level III trauma center with limited specialist backup
- Practice includes full breadth of emergency and trauma presentations, including time-sensitive conditions such as trauma, stroke, STEMI, sepsis, and resuscitation cases
- Participates in stabilization, disposition, and transfer decisions for patients requiring higher levels of care

Providence St. Joseph Hospital - Eureka, CA

January 2026 - Present

Locums Clinical Staff, Emergency Department

- Rural Level III trauma center with additional rural and resource-limited clinical context
- Manages undifferentiated emergency presentations and coordinates transfer to higher levels of care when local resources are limited

University of Utah - Salt Lake City, UT

August 2023 - July 2024

EMS Fellow / Adjunct Faculty, Emergency Department

- Academic quaternary referral center and Level I trauma hospital; supervised residents and fellows
- Participated in care of high-acuity emergency patients and transferred trauma, stroke, cardiac, and critically ill patients from regional hospitals

Memorial Hospital of Sweetwater County - Rock Springs, WY

August 2023 - July 2024

EMS Fellow / Adjunct Faculty, Emergency Department

- State-designated Area Trauma Hospital; rural and resource-limited emergency department setting
- Managed broad emergency presentations with limited on-site specialty resources and transfer needs when appropriate

MEDICOLEGAL & QUALITY REVIEW EXPERIENCE

Medical Board of California

2026 - Present

Expert Reviewer

- Accepted to serve as an Expert Reviewer for the Medical Board of California.
- Role involves independent physician review of matters involving medical care and standard-of-care considerations when assigned by the Board

Annals of Emergency Medicine

2025 - Present

Ad Hoc Peer Reviewer

- Conduct evidence-based critical appraisal of submitted manuscripts across emergency medicine clinical topics, including cardiovascular emergencies, resuscitation, and prehospital care
- Evaluate study methodology, statistical analysis, and alignment with current evidence-based guidelines to support editorial decision-making

EMS Quality Assurance & Medical Oversight

2023 - 2024

University of Utah EMS Fellowship - Salt Lake City, UT

- Performed systematic chart review and protocol compliance auditing of prehospital care cases across multiple EMS agencies in the Salt Lake Valley
- Participated in EMS quality improvement processes including case-based review, performance metric analysis, and documentation evaluation
- Trained in EMS medical oversight, including review of care standards, protocol adherence, and quality improvement processes for EMS personnel

POST-GRADUATE TRAINING

University of Utah - EMS Fellowship

August 2023 - July 2024

- Covered clinical shifts in an academic emergency department and moonlighting shifts in rural Wyoming
- Prepared for EMS medical direction through field response, paramedic education, quality review, and weekly EMS didactics
- Completed coursework toward Wilderness Medical Society Diploma in Mountain Medicine (DiMM)
- Focus areas: air medical and critical care transport, prehospital EPCR protocols, cardiac arrest systems of care, prehospital agitation management, and EMS/wilderness medicine interface

Kaiser Permanente San Diego - Emergency Medicine Residency

June 2020 - June 2023

- Community emergency medicine residency program rotating through Kaiser and non-Kaiser hospitals of San Diego, including community, trauma, pediatric, and specialty referral settings

EDUCATION

UC Berkeley-UCSF Joint Medical Program

- M.D. - University of California, San Francisco, May 2020
- M.S. in Health and Medical Sciences - UC Berkeley School of Public Health, May 2018

Clemson University, Calhoun Honors College - Clemson, SC

May 2012

- B.S. in Chemical Engineering; Economics Minor - Cum Laude & General Honors

PUBLICATIONS

Awad, E., **Klapthor, B.**, Morgan, M.H., & Youngquist, S.T. (2024). The impact of time to defibrillation on return of spontaneous circulation in out-of-hospital cardiac arrest patients with recurrent shockable rhythms. *Resuscitation*, 110286.

Brant-Zawadzki, G., **Klapthor, B.**, et al. (2024). The Performance of ChatGPT-4 and Gemini Ultra 1.0 for Quality Assurance Review in Emergency Medical Services Chest Pain Calls. *Prehospital Emergency Care*, 1-8.

LeSaint, K.T., **Klapthor, B.**, et al. (2020). Buprenorphine for Opioid Use Disorder in the Emergency Department: A Retrospective Chart Review. *Western Journal of Emergency Medicine*, 21(5), 1175.

SELECTED PRESENTATIONS & GRAND ROUNDS

- Prehospital Agitation - Ketamine & the Severely Agitated Patient - Utah State EMS Medical Directors Course (June 2024)
- Prehospital Management of Crush Injury - University of Utah Trauma/EMS Grand Rounds (June 2024)
- Chemical Warfare & Mass Casualty Events - Unified Fire Authority EMS Service, Salt Lake City, UT (May 2024)
- Excellence in EMS Care of Acute Coronary Syndromes - Mountain West EMS Service, Tooele, UT (January 2024)
- Why EMS Handoffs Matter - University of Utah EMS Rounds (January 2024)
- Management of the Prehospital Airway in Trauma - University of Utah EMS Rounds (Fall 2023)
- Management of the Agitated Patient in the Prehospital Environment - University of Utah EMS Rounds (Fall 2023)
- Performance Under Pressure in Emergency Medicine - Senior Grand Rounds, Kaiser San Diego Residency Program (Spring 2023)