

ALANA J. ARNOLD

MD, MBA

**Board-Certified Pediatric Emergency Medicine Physician
| Medical Expert Witness**

*Pediatrics · Pediatric Emergency Medicine · Child Abuse & Neglect
· Pediatric Trauma*

CONTACT

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Ph: 215.874.7105

Available Nationwide
Plaintiff & Defense Retention

PROFESSIONAL SUMMARY

Dr. Alana J. Arnold is a board-certified Pediatric Emergency Medicine physician with over a decade of frontline clinical expertise across world-class children's hospitals, Level I trauma centers, and community health networks. She has served as Medical Director of Pediatric Emergency Medicine for a multi-hospital system, overseeing clinical operations across 11 emergency departments. Her dual MD/MBA training uniquely positions her to evaluate cases with both rigorous medical precision and institutional operational insight.

Dr. Arnold provides expert witness services in pediatric emergency medicine, trauma, child abuse and neglect, non-accidental trauma, resuscitation, and procedural sedation. She is experienced in medical record review, IME preparation, written opinions, deposition testimony, and trial testimony — and has been retained by both plaintiff and defense counsel. Her broad professional network enables collaboration with subspecialty consultants in radiology, orthopedics, neurology, and more when cases require multidisciplinary assessment.

AREAS OF EXPERT TESTIMONY

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|---|--|
| ◆ Pediatric Emergency Medicine | ◆ Respiratory Emergencies (Asthma, URI, Pneumonia) |
| ◆ Pediatric Trauma & Resuscitation | ◆ Meningitis & Fever Management |
| ◆ Child Abuse & Non-Accidental Trauma | ◆ Standard of Care Review |
| ◆ Pediatric Neglect | ◆ IME Preparation & Written Opinions |
| ◆ Pediatric Orthopedic Injuries | ◆ Deposition & Trial Testimony |
| ◆ Procedural Sedation | ◆ Hospital Systems & Quality/Safety Review |
| ◆ Pediatric Sepsis & Infectious Disease | ◆ Health Equity in Pediatric Care |

CREDENTIALS & TRAINING

Fellowship — Pediatric Emergency Medicine, 2015-2018 *Baylor College of Medicine / Texas Children's Hospital*

Trained at the world's largest free-standing children's hospital and Level I trauma center, one of the premier pediatric emergency medicine programs in the United States.

Residency — Pediatrics, 2012-2015

UCSF Benioff Children's Hospital

Completed pediatric residency at a nationally recognized academic children's hospital with a strong focus on underserved communities.

MD — Doctor of Medicine, 2012

Tufts University School of Medicine

MBA — Health Management & Leadership, 2012

Tufts University / Northeastern University

BA — Molecular Biology

Princeton University

BOARD CERTIFICATIONS

- **Board Certified** — Pediatric Emergency Medicine
- **Board Certified** — Pediatrics (General)

PROFESSIONAL EXPERIENCE

Active Practicing Physician — Pediatric Emergency Medicine

2025 - Present

*El Paso Children's Hospital, El Paso TX
Geisinger Medical Center, Danville PA*

Maintains active clinical practice to preserve frontline expertise and current working knowledge of evolving standards of care in pediatric emergency settings. Overseeing residents, medical students, and advanced practice practitioners

Founder & CEO — PEMPai

2023 – Present

Developed a digital pediatric emergency medicine toolkit providing real-time evidence-based clinical guidance, readiness tools, and training content for community and rural emergency departments — directly addressing health equity gaps in pediatric care for underserved populations.

Network Medical Director — Pediatric Emergency Medicine

2023 – 2025

St. Luke's University Health Network, Bethlehem, PA

Oversees clinical standards, quality improvement, and operational programming across a multi-hospital system. Developed training curricula and protocols for pediatric emergencies at community hospital EDs. Directed pediatric emergency operations across a network of 11 emergency departments, establishing standards of care, clinical protocols, and training infrastructure.

Medical Director — Pediatric Emergency Medicine

2020 – 2023

Jackson North Medical Center, North Miami Beach, FL

Served as medical director for Pediatric Emergency Medicine, seeing children in community ER settings, building simulations and protocol workflows. Working closely with residents and nursing staff.

EXPERT WITNESS PROFILE

Availability & Retention

- Available for plaintiff and defense retention
- Experienced in medical record review, case analysis, written expert opinions, IME preparation, deposition testimony, and trial testimony
- Efficient and thorough case turnaround, leveraging MBA-level operational training

Subspecialty Network

Dr. Arnold maintains an extensive professional network and can facilitate collaboration with board-certified subspecialists in:

- Pediatric Radiology
- Pediatric Orthopedics
- Pediatric Neurology
- Pediatric Critical Care
- Neonatology

SELECTED PUBLICATIONS

Dr. Arnold has contributed to peer-reviewed publications in pediatric medicine across multiple institutions, including collaborative research at Tufts Medical Center, UCSF, and Texas Children's Hospital. Topics include:

- Pediatric infectious disease management (adenovirus, antibiotic protocols)
- Pediatric hematology and heparin-induced thrombocytopenia
- Neonatal pharmacology (gentamicin dosing, vancomycin loading)
- Pediatric adverse drug reactions and allergy desensitization
- Lipid-based pharmacotherapy in pediatric stem cell transplant recipients

PROFESSIONAL AFFILIATIONS & RECOGNITION

- American Academy of Pediatrics (AAP)
- American College of Emergency Physicians (ACEP)
- SEAK Expert Witness Directory — Pediatrics & Pediatric Emergency Medicine
- IME Network — Independent Medical Examiners
- Advocate for health equity in Black, Brown, rural, and underserved pediatric communities

Available for case consultation, review, deposition, and trial testimony · Plaintiff & Defense · Nationwide