PETER A. MEANEY, MD, MPH

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Clinician-Operator (Director-Level) | Clinical Workflow, Adoption, Implementation & Commercialization (Medtech)

SUMMARY

Clinician–operator candidate transitioning from academic medicine into Director / Sr Director roles in clinically serious medtech. Brings 20+ years of experience in high-acuity care and a track record of translating clinical workflow, evidence, and behavior change into product-adjacent, adoption, and implementation decisions inside complex health systems.

Built and scaled an NIH-funded adaptive learning platform across hospital networks, using engagement and workflow data to improve uptake and create a repeatable deployment model. Helped define CPR quality standards later embedded in commercial feedback devices and digital training platforms, linking evidence generation to product design and real-world adoption.

Most effective when a company has a credible product and needs to solve the harder problems of workflow fit, clinician trust, stakeholder-specific value, and repeatable pilot-to-scale execution. Experienced working across clinical, operational, and system-level stakeholders to align frontline workflow, resource constraints, and implementation design for scalable deployment across sites and health systems.

CORE CAPABILITIES

Clinical workflow design | Adoption strategy | Implementation & pilot-to-scale execution
Behavior change systems | Stakeholder-specific value translation
Evidence strategy aligned to commercialization | Cross-functional execution
Enterprise deployment & scale dynamics | High-acuity care environments

SELECTED OPERATOR-RELEVANT EXPERIENCE

Pediatric Acute Care Education (PACE), Tanzania — Principal Investigator (NIH R21/R33)
2023–Present

- Designed and led rollout of a mobile-first adaptive learning and clinical-performance platform across hospitals and health centers, achieving >80% provider reach and sustained engagement in resource-variable environments
- Worked with institutional and ministry stakeholders to align deployment with operational constraints and scale requirements across sites
- Identified workflow and engagement bottlenecks during early deployment and iteratively refined implementation approach using field data to improve adoption and scalability
- Directed cross-functional execution across clinical, data, implementation, and government stakeholders to move from pilot evidence toward regional scale-up
- Managed IRB, data governance, and multi-institutional coordination while aligning with Ministry of Health priorities for broader deployment

Mwanza Clinical Learning Network — Co-Founder
2021–Present

- Built a pediatric learning health system integrating audit data, dashboards, and local QI cycles to drive frontline behavior change
- Standardized triage and pneumonia workflows, improving documentation completeness from <30% to >80% across sites
- Created a repeatable model for integrating audit data, workflow redesign, and local implementation that can be adapted across sites
- Designed real-world performance measurement (>1,500 audits/quarter) to inform workflow redesign and local implementation strategy
- Coordinated multi-level stakeholders (hospital leadership, ministries, training institutions) to align incentives and enable system-wide adoption

Saving Children's Lives, Botswana — Program Lead
2012–2018

- Redesigned and scaled a pediatric acute-care training program across >500 providers, contributing to a 58% reduction in inpatient pediatric mortality
- Translated training into workflow-aligned implementation using train-the-trainer models and embedded performance feedback
- Built local capacity and transitioned program ownership to a sustainable model, enabling regional expansion across East Africa and India
- Demonstrated ability to scale adoption under real-world constraints where workflow fit, behavior change, and local ownership determine outcomes

American Heart Association / Get With The Guidelines–Resuscitation
Leadership Roles (2005–2020)

- Defined measurable CPR quality standards that replaced subjective assessment and were later embedded in commercial feedback devices and digital training platforms (RQI™), linking evidence directly to product design and scalable adoption
- Directed evidence synthesis and performance metric development linking clinical outcomes to real-time feedback and training systems
- Contributed to national registry analyses defining CPR quality benchmarks used to guide product design, training, and adoption
- Translated complex evidence into actionable standards shaping both clinical practice and commercially relevant digital solutions

CLINICAL & DOMAIN EXPERIENCE (CONTEXT)

Stanford University School of Medicine / Lucile Packard Children's Hospital
Pediatric Critical Care Attending; Clinical Professor | 2018–Present

- Deliver high-acuity care across cardiac, respiratory, neurologic, trauma, and post-operative populations
- Lead simulation-based readiness and resuscitation initiatives focused on workflow reliability and team performance
- Operate within complex hospital systems where workflow, decision timing, and team coordination directly impact outcomes

Children's Hospital of Philadelphia / University of Pennsylvania
Attending Physician; Associate Professor; Simulation Program Leadership | 2002–2017

- Delivered tertiary/quaternary pediatric critical care in high-volume academic setting
- Developed simulation and performance feedback programs adopted across the institution
- Led resuscitation and emergency preparedness initiatives focused on improving real-world clinical execution

INDUSTRY & STANDARDS ENGAGEMENT

Health Standards Organization (HSO) — Technical Committee Member (2025–Present)

- Contribute to development of acute-care standards with focus on workflow alignment and real-world implementation

World Health Organization (WHO) — External Advisor

- Advised on pediatric emergency care frameworks and facility-level readiness standards

EDUCATION & CREDENTIALS

Stanford Biodesign Faculty Fellowship (2026)
MPH, Quantitative Methods — Harvard School of Public Health
MD — Medical College of Virginia (VCU)

Board Certification: Pediatrics; Pediatric Critical Care Medicine
Licensure: California

SELECTED PUBLICATIONS

Selected work spans:

- CPR quality metrics and real-time feedback systems
- Clinical endpoint definition and outcome analysis
- Physiologic monitoring and device-relevant research
- Scalable training and implementation systems

Full list:

- **PubMed Bibliography:** https://www.ncbi.nlm.nih.gov/myncbi/peter.meaney.1/bibliography/public/
- **ORCID:** https://orcid.org/0000-0001-9898-6928