

HARVARD MEDICAL
FACULTY PHYSICIANS
AT BETH ISRAEL DEACONESS
MEDICAL CENTER



ED Quality Improvement

PROFESSIONAL CERTIFICATION COURSE

10-12 December, 2024

JW Marriott Marina
Dubai, United Arab Emirates

Official Pre-Course
for Emirates Society
of Emergency Medicine
Conference 2024



Register: [EsemConference.ae](https://www.EsemConference.ae)

EQUIP Certification: [EDQualityInstitute.org](https://www.EDQualityInstitute.org)

COURSE DESCRIPTION

The Emergency Department Quality Improvement Professional (EQuIP) Certification Course is a 3-day intensive professional development course, with optional certification exam, for emergency medicine clinicians delivered by the Department of Emergency Medicine at Harvard Medical Faculty Physicians at Beth Israel Deaconess Medical Center (BIDMC). Our December 2024 course will be held at the JW Marriott Marina, Dubai, United Arab Emirates, in collaboration with the Emirates Society of Emergency Medicine and their 2024 ESEM conference.



2020 EQuIP attendees participate in workshops

KEY COURSE FEATURES

Course participants will learn from world-renowned experts in emergency medicine. The course, facilitated by faculty from Harvard Medical School, will use case studies, presentations, and interactive hands-on workshops to answer the following questions:

- How can we assure clinical quality in our ED?
- How can we provide state-of-the-art emergency medicine care for our patients?
- Why is having an effective quality assurance program essential for all practicing emergency physicians?
- What are the basic principles of effective ED quality metrics?
- What are errors and adverse events and how do we appropriately implement the AHRQ severity scale in assessment of these?
- What is the role of the provider in error assessment?
- What specific quality metrics are most beneficial in the ED setting?
- How do we perform a standard case assessment and use this to improve clinical quality?
- How does a QA committee function and effectively interact with the hospital system?
- How do we develop and implement a rule-based system to objectively assess medical error?
- How can we effectively use leadership and change management skills to implement QA process-driven changes?
- How do we use a “triggers” system to improve quality by reducing time to interventions?
- How do we implement standardized clinical pathways and assess their impact on quality of care and reduce variability?

COURSE FACULTY

Barbara Masser, MD

Director, Ambulatory Emergency Medicine, BIDMC; Assistant Professor, Emergency Medicine, Harvard Medical School; Director, The Institute for ED Clinical Quality Improvement

Jonathan Edlow, MD

Professor of Medicine & Emergency Medicine, Harvard Medical School

Shamai Grossman, MD, MS

Vice-Chair of Healthcare Quality, Department of Emergency Medicine, Beth Israel Deaconess Medical Center; Associate Professor of Emergency Medicine, Harvard Medical School

Zuhair Alsharafi, MD

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David Chiu, MD, MPH

Vice President of Network Operations, Harvard Medical Faculty Physicians; Director of Operations/Senior Medical Director, Emergency Medicine, BIDMC; Instructor in Emergency Medicine, Harvard Medical School

Carrie Tibbles, MD

Director, Graduate Medical Education, BIDMC; Vice Chair for Education, Dept of Emergency Medicine, BIDMC; Assistant Professor of Emergency Medicine, Harvard Medical School

Nicole Dubosh, MD

Director of Education Research, Department of Emergency Medicine, BIDMC; Director of Undergraduate Medical Education, BIDMC; Medical Education Fellowship Director, BIDMC; Director of Education Research, Department of Emergency Medicine, BIDMC

Thiagarajan Jaiganesh, MD

Chair, Emergency Medicine, Tawam Hospital

EQUIP COURSE PROGRAM

This course will be held for three days, 10–12 December, 2024, as an official pre-course of ESEM2024. Day 3 (12 December) will coincide with the morning of Day 1 of the ESEM conference. EQUIP participants will be able to complete the QA course before proceeding to the ESEM opening ceremony.

DAY 1

10 December

- 8:00–8:20 Registration/Welcome Coffee
- 8:20–8:35 Welcome
- 8:35–9:35 Why QA is Essential to Every ED
- 9:35–10:05 Case Assessment:
A Structured Approach
- 10:05–10:20 *Coffee break*
- 10:20–11:30 **Workshop:** Clinical Case Review
- 11:30–12:15 Root Cause Analysis
- 12:15–13:15 *Lunch*
- 13:15–15:00 **Workshop:** Root Cause Analysis
- 15:00–15:20 *Break*
- 15:20–15:50 Principles of ED Quality Metrics:
Progress Towards A Rule-Based System
- 15:50–17:00 **Workshop:** ED Quality
Metrics Development
- 17:00–17:45 QA System Case Example

DAY 2

11 December

- 8:30–8:40 Welcome/Questions
- 8:40–9:25 Using Clinical Pathways to Improve
Patient Safety & Clinical Quality
- 9:25–10:30 **Workshop:** Design Your Own Pathway
- 10:30–11:00 *Break*
- 11:00–11:55 *(continuation)* **Workshop:** Design
Your Own Pathway
- 11:55–12:30 ED Quality through a Healthcare
System Lens
- 12:30–13:30 *Lunch*
- 13:30–15:00 **Workshop:** From Idea to the
Frontline: QI Systems Implementation
and Change Management
- 15:00–15:30 *Break*
- 15:30–15:50 *(continuation)* **Workshop:** Change
Management
- 15:50–17:10 **Workshop:** Effective Communication
in the Emergency Department from a
Quality Lens
- 17:10–18:00 Panel with International Emergency
Leaders: Participant QA
Implementation Challenges
- 18:00–18:15 EQUIP Exam Review

Join us live in Dubai at ESEM2024

This course will be held in person using interactive, small group workshops.



DAY 3

12 December

- 8:00–9:30 Certification Exam *(Optional)*
- 9:30–10:00 EQUIP Certificate Ceremony
- 10:00–10:45 *Break*
- 10:45–11:15 **ESEM Opening Ceremony**

COURSE OBJECTIVES

Our hope is that, in addition to providing valuable and specific clinical and quality assurance knowledge and skills, this course will also provide participants with a shared understanding of the necessity for practicing emergency clinicians to adhere to agreed-upon standards in clinical quality and encourage hospital-wide acceptance of the importance of tracking quality metrics within the ED and throughout the hospital.

METHODOLOGY

Our course includes 21 hours of case studies, presentations, and interactive, hands-on workshops to provide participants with valuable clinical knowledge and quality process skills, which will allow them to pass the final certification exam and become a part of a community of like-minded attending physicians dedicated to emergency department clinical quality improvement.

WHO SHOULD PARTICIPATE?

This course will primarily benefit emergency medicine physicians and nurse leaders interested in improving their own clinical practice, and potentially effecting system-wide change, through optimized emergency care delivery focused on patient safety and quality.

CERTIFICATES & CME CREDIT

Participants are eligible for the following:

- **Certificate of Program Completion** from The Institute for Emergency Department Clinical Quality Improvement, The Department of Emergency Medicine at Harvard Medical Faculty Physicians at BIDMC, a Harvard Medical School teaching hospital.
- **CME:** Applications have been submitted to the European Accreditation Council for Continuing Medical Education (EACCME) and MOHAP.

- Participants who choose to sit for, and who pass, the final certification exam will receive an **Emergency Quality Improvement Professional (EQIP) Certification**, issued by the institute. Learn more about certification at edqualityinstitute.org/equip-certification.



Visit www.esemconference.ae to register.

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CLINICAL QUALITY IMPROVEMENT