

THE SCIENCE OF SIMULATION IN HEALTHCARE:  
DEFINING AND DEVELOPING CLINICAL EXPERTISE

CONSENSUS CONFERENCE 2008

Sponsored by the Editors of *Academic Emergency Medicine*

PROPOSED DRAFT OF CONFERENCE OUTLINE

**Morning Plenary: Defining Clinical Expertise--The Metrics of Performance Assessment**

- Keynote 1 : The Art and Science of Performance Assessment in Medicine
- Keynote 2: ABEM and the Board Examination in Emergency Medicine

**Concurrent Consensus Tracks: Simulation and Clinical Expertise (Defining Expertise)**

- Consensus Track 1: Individual Cognition and Critical Thinking--Individual High-Stakes Examinations to Certify Clinical Expertise
- Consensus Track 2: Team Performance and Communication--Crisis Resource Management: The Metrics of Group Performance
- Consensus Track 3: Technical and Action Skills--Procedure Labs and their Transference to the "Real World"

**Lunch Session: Does the Biomedical Paradigm Apply to Educational Research? The Role of Social Science in Studies of Clinical Expertise**

**Afternoon Plenary: Developing Expertise—How to Create and Maintain High Performance**

- Keynote 3: The Development of Expertise among Medical Professionals
- Keynote 4: High-Performance Team Training and Crisis Management in Medicine

**Concurrent Consensus Tracks: Simulation and Clinical Expertise (Creating Expertise)**

- Consensus Track 1: Individual Cognition and Critical Thinking—Creating and Maintaining Provider Expertise
- Consensus Track 2: Team Performance and Communication--Creating and Debriefing Expert Teams
- Consensus Track 3: Technical and Action Skills—Learning and Maintaining Procedural Competence

**Consensus Discussion and Summary**