Ten Top Simulation Articles

T – Topical

O – Original

P – Provocative
Society for Simulation in Healthcare
Research Consensus Summit Summary Reports

1st SSH Research Consensus Summit: State of the Science

I. Instructional Design
   A. Individuals
   B. Teams (Inter- and Intra- professional)
   C. Simulation systems
   D. Human factors
   E. Validating other theories

II. Assessment
   A. Of learning (metrics)
   B. For learning (debriefing)
   C. High stakes decisions (license, credentials)

III. Translational research / Clinical outcomes

IV. Research standards and reporting guidelines
Technology-Enhanced Simulation for Health Professions Education: A Systematic Review and Meta-analysis

Journal of the American Medical Association  2011 306(9):978-988
Mayo Clinic College of Medicine, U. British Columbia, U. Toronto
Does Simulation-Based Medical Education With Deliberate Practice Yield Better Results Than Traditional Clinical Education? A Meta-Analytic Comparative Review of the Evidence

McGaghie WC, Issenberg SB, Cohen ER, Barsuk JH, Wayne DB
Academic Medicine  2011 86:706–711
Northwestern University - Feinberg School of Medicine
Chicago, IL  USA
EXPRESS—Examining Pediatric Resuscitation Education Using Simulation and Scripting - The Birth of an International Pediatric Simulation Research Collaborative

Simulation in Healthcare 2011 Feb;6(1):34-41
Getting Ready for Simulation-Based Training: A Checklist for Nurse Educators

Guimond ME, Sole ML, Salas, E.
Nursing Education Perspectives 2011 32(3):179-185
University of Central Florida – College of Nursing
Orlando, FL USA
An Ergonomic Protocol for Patient Transfer That Can Be Successfully Taught Using Simulation Methods

University of Pittsburgh – School of Nursing Pittsburgh, PA USA
Neuroscience and Simulation: An Evolving Theory of Brain-Based Education

Cardoza, MP  Clinical Simulation in Nursing 2011 7(6):e205-208
New York Institute of Technology, New York USA

What Can Medical Education Learn From the Neurobiology of Learning?
The “Simulation Roulette” Game

Frederick HJ, Corvetto MA, Hobbs GW, Taekman J
Simulation in Healthcare 2011 6:244–249
Duke University, North Carolina, USA
Some like it hot: medical student views on choosing the emotional level of a simulation

Janet Lefroy J, Brosnan C, Creavin S. Medical Education 2011 45: 354–361

Keele University School of Medicine
Staffordshire, UK
Student-written Simulation Scenarios: A Novel Cognitive Assessment Method In a Trauma Curriculum

Steinemann SK, Berg BW, Turban JW, Hara KM, Alfrey LR
Hawaii Medical Journal  2011 Aug 70:172-175
University of Hawaii - Honolulu, HI USA
Looking in the mirror: Self-debriefing versus instructor debriefing for simulated crises

Boet S, Bould MD, Bruppacher HR et al
Critical Care Medicine 2011 39:1377–1381
University of Toronto - Toronto, Ontario CA
2011 – Year in Review

2012 – The Year Ahead

20xx – Looking forward
TOP 10 Review of the Simulation Literature
2011 – Year in Review

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