Simulation-based Training at the University of Pittsburgh
J J Schaefer III,* MD, A Grenvik,** MD, PhD

Abstract
The following article reviews the experience of using human simulators for medical education at the University of Pittsburgh in the Department of Anesthesiology and Critical Care Medicine. The intent of the authors is to provide the reader with an overview of 1) what human simulators can do, 2) the components of a simulation training facility, 3) some of the economic considerations in operating a simulation training facility, and 4) how this centre is made use of.

Key words: Crisis management, Full-scale simulation, Human simulation, Partial task trainers, Patient safety, Simulation centre

* Assistant Professor of Anesthesiology
  Director, University of Pittsburgh Department of Anesthesiology and CCM, Human Simulation Centre
  Subspecialty Director, ENT/OMF Anesthesia

** Distinguished Service Professor of Critical Care Medicine
  University of Pittsburgh Medical Center

Address for Reprints: Dr John J Schaefer, Anesthesiology, Suite N469, 200 Lothrop Street, Pittsburgh, PA 15213, USA.
E-mail: schaeferj@anes.upmc.edu