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**Human Patient Simulators found to dramatically increase ACLS training skills according to new medical studies**

**METI's simulation technology provides the basis for critical research**

Sarasota, FL –The American Board of Internal Medicine (ABIM) mandates Advanced Cardiac Life Support (ACLS) skills as part of the board certification process for physicians working in hospitals throughout the United States. As a result, a series of studies were recently conducted at a leading medical school to look at ways of improving critical ACLS skills among medical staff, and in particular, at the benefits of using simulation technology. What they found is the use of Human Patient Simulators in their educational program significantly improved the performance levels and skill retention of those tested.

“Utilizing a simulation enhanced teaching modality provided the learner with the repeated focused exposure to a clinical situation, which proved to be successful for this project,” said Viva Jo Siddall, Assistant VP Education Resources, American College of Chest Physicians, past Education Director for the Patient Safety Simulator Center at Northwestern University.

The studies were conducted by faculty members at Northwestern University Feinberg School of Medicine and Northwestern Memorial Hospital in Chicago using Medical Education Technologies Inc.'s (METI®) life-size Human Patient Simulator (HPS®), which was able to realistically provide the kind of physiologic and pharmacologic responses observed in actual ACLS situations. The results were dramatic and showed that deliberate practice using simulation technology improved performance by almost 40%. Additionally, trainees were pleased with the realistic educational environment and displayed increased confidence responding to simulated hospital codes and procedures.

“It has been a pleasure to develop educational courses that our trainees enjoy and have also been demonstrated to improve physician performance in critical patient care scenarios,” stated Dr. Diane B. Wayne, lead author of several of the studies and director of the internal medicine residency program at Northwestern. “We have been very fortunate to have the full support of Northwestern Memorial Hospital in these quality initiatives that will no doubt be of lasting benefit to our future patients.”

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Participating in the studies, which were originally published in the Academic Medicine journal in October 2006, was a multidisciplinary team of researchers, medical educators and clinicians from the Departments of Medicine, Anesthesiology and Medical Education at Northwestern University.

“We are delighted that METI’s simulation products have been chosen for this vital research and the results show that hands-on training with our simulators provides invaluable real-world experience for learners in this field”, said METI President and CEO, Lou Oberndorf.

**About METI Patient Simulation**

Based in Sarasota, Florida, Medical Education Technologies, Inc. (METI®) has been a leader in interactive human patient simulation since 1996. Each METI simulator is designed to simulate bleeding, breathing, talking, blinking and numerous other physiological characteristics to simulate various medical emergency scenarios including heart attack, drug overdose, vehicular accidents, effects from weapons of mass destruction, bio-terrorism and other traumatic injuries. More than 1500 organizations worldwide utilize METI’s technology including leading medical schools such as the Mayo Clinic, Harvard, UCLA, Cleveland Clinic, Mount Sinai, Stanford and others. METI is a consolidated subsidiary of L-3 Communications (NYSE:LLL). Please visit [www.meti.com](http://www.meti.com) for more information.

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