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For Immediate Release

**Teaching Advanced Emergency Life Saving Skills At
St. Luke's – Roosevelt's New Simulation Lab**

*New State-of-The-Art Simulation Lab Opens Doors and Prepares Residents in Training
to Save Lives in the Real World*

NEW YORK, NY- August 29, 2007 - The Intensive Care Unit (ICU) at St. Luke's – Roosevelt Hospital Center in New York City is taking major steps to ensure that students are capable of handling any type of situation that may come their way as patient safety is a paramount. This new highly anticipated state-of-the-art simulation lab, located on the 8th floor next to Roosevelt Hospital's ICU, provides realistic training for residents, nurses, and attending physicians on a regular basis. The lab includes a unique simulation manikin called "SimMan", a crème de la crop for advanced emergency training.

SimMan, created by Laerdal, is a life-size portable manikin that contains over 100 different scenarios, ranging from cardiac arrest, collapsed lungs, and severe asthma to pneumonia. Used in advanced patient simulator for team training in emergencies, SimMan has realistic anatomy and clinical functionality and also provides simulation-based education to challenge and test students' clinical and decision-making skills during realistic patient care scenarios. It includes well-proven software and is an interactive technologically advanced manikin allowing learners to practice the emergency treatment of patients. The simulation sessions can hold anywhere from two to ten students, depending on the desired training objectives.

"This new state-of-the-art simulation laboratory is an extraordinary tool for the training of all health care professionals, says Dr. Edward Eden, Chief, Division of Pulmonary and Critical Care Medicine, St. Luke's-Roosevelt Hospital Center. With the inclusion of SimMan in the lab, our residents will be prepared for anything that lies ahead."

SimMan moves and communicates to explain what the physical complaint is and displays signs of the particular illness they have been programmed to perform (i.e; coughing, tongue swelling, etc.) SimMan even has real teeth that will break if too much pressure is put on, which provides personnel with as authentic of a situation as possible. This sophisticated manikin can interact with the students by talking back to them as the scenario and the trainer dictate. It may receive an IV and depending on how it is treated, the manikin will end up being saved or dying, acting as a highly valuable teaching tool for students.

“In medical education, we have never had the opportunity to teach and learn in a realistic, risk free environment, explains Dr. Hassan Khouli, Director of Critical Care and the Simulation Lab at St. Luke’s - Roosevelt Hospital. We are all particularly susceptible to human error. Establishing an environment for discussing error without punishment, testing new procedures for safety, evaluating competence, and providing skills training for physicians and nurses outside of the production environment are extremely valuable tools in medical training.”

Many hospitals and nursing schools around the country own a SimMan, but St. Luke’s-Roosevelt Hospital’s simulation lab setup is unlike any other. The new simulation lab includes bedside monitors, real oxygen and gas delivery system, and cameras at every angle for complete observation. Also included is a debriefing room and control room that includes sophisticated computers and enhanced audiovisual set up for the teacher instructing the scenario. There is a one-way mirror allowing teachers and others to observe the scenario whereby these rooms are separated.

Several other state-of-the-art simulation manikins and equipment are used to train residents in areas of central venous catheter placement and infection control prevention, chest tube drainage and endoscopy procedures. The \$350,000 lab was put in with the help of a grant from a grateful patient whose father was treated in SLR’s Intensive Care Unit.