



MEMORANDUM

Date: February 28, 2008

To: All EMS Services

From: Dr. Timothy G. Price
State Medical Advisor

RE: RSI/DAI Training: Simulation Substitute for Required OR Rotation

In order to allow paramedics to complete the Operating Room Clinical Rotation requirements, successful completion of clinical airway scenarios using an interactive human simulator may be substituted for supervised OR intubations. In order to adequately replace the live patient operating room experience, these simulated patient encounters must involve the use of DAI or RSI pharmacologic agents and be supervised by and receive a satisfactory evaluation from an anesthesiologist or CRNA. To create an adequate simulation the interactive human simulator must meet the following minimum requirements:

1. CO₂ generation from lungs/trachea to allow monitoring of ETCO₂ with capnography using device being used by the EMS agency.
2. Real-time simulated oxygen saturation display.
3. Physiologic responses to pharmacologic agents including motor, heart rate, respiratory rate, blood pressure, and oxygen saturation responses.
4. Ability to create a "cannot intubate and cannot ventilate" situation with appropriate changes in oxygen saturation.
5. Ability to accept rescue airways to include Combitube, King-LTD, and LMA and allow ventilation with these airways with appropriate findings reflected in auscultation of lungs and in oxygen saturations.
6. Preferred but optional: Create a summary report including oxygen saturations.
7. Preferred but optional: Ability to allow cricothyrotomy. This procedure may be performed on a different training device.