PROCEDURES THAT CAN BE PERFORMED

WITH THE SIMULATORS “STAN” and “Lil Joe”

I Airway:

- Oral pharyngeal airway
- Nasal pharyngeal airway
- LMA
- Combitube
- Oral intubation*
- Nasal intubation*
- Use of lighted stylets
- Fiberoptic intubation*
- Retrograde intubation*
- Digital intubation*
- Needle cricothyrotomy---jet ventilation as well
- Surgical cricothyrotomy

II Breathing

- Three modes of ventilation, (spontaneous, assisted, and mechanical) can be superimposed on one another---for example ‘fighting the ventilator

- Needle thoracostomy

- Chest tube insertion

III Circulation

- Actual non invasive blood pressure cuff readings---manual, or by monitor

- CPR

- IV insertion---simulator measures actual input and responds accordingly

- 5-lead EKG synchronized to pulse. (Many rhythms are available.)

- Electrical Therapy: traditional defibrillators, transcutaneous pacemakers can be applied and used to generate rhythms.

- Foley placement: Male or Female

- Urine output

- Injection of fluid for cardiac output
• Pericardial fluid simulation and pericardiocentesis are possible

• Diagnostic peritoneal lavage

IV Neuro:
• Peripheral nerve stimulation---thumb twitch.

V Other Procedures
• Medication administration: Appropriate and dose depended response to administered medications. [Actual intravenous administration of some 60+ commonly used medications is possible.] Among the supported. Medications mentioned are all drugs required for ACLS. [See List]