

PROCEDURES THAT CAN BE PERFORMED

WITH THE SIMUMATORS “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. [\[See List\]](#)