

## Simulator Name: iStan

### Simulator Type: iStan, Fully wireless

#### Vital Signs:

- Heart rate
- Respiratory rate
- Blood pressure
- Pulses
- Temperature cannot be taken on simulator but can be displayed on monitor if relevant to the scenario

#### Physical Assessment:

- Voice
- Pulses:
  - Bilateral carotid
  - Bilateral brachial
  - Bilateral radial
  - Bilateral femoral
  - Bilateral popliteal
  - Bilateral dorsalis and tibialis pedis
- Heart sounds
  - Aortic area
  - Pulmonary area
  - Tricuspid area
  - Mitral area
- Breath sounds on upper and lower pulmonary areas
  - Normal vesicular sounds
  - Crackles
  - Wheezes
  - Diminished
  - Gurgling
  - Pleural Rub
  - Rhonchi
- Blood pressure
- Reactive eyes with automatic and manual, consensual and independent papillary response and control, blinking eyes, variable pupil size
- Bilateral chest movement, Intercostal palpable ribs, flail chest, pneumothorax decompression, independent chest excursion
- Bowel sounds on four quadrants
- Realistic airway, break away teeth, trismus, trachea with realistic anatomical landmarks
- Realistic skin, cyanosis, capillary refill (Thumbs)

#### Skills:

- Cardiac and pulmonary auscultation
- Blood pressure assessment
- Pulse palpation
- Bilateral IV port for IV access
- Chest compressions
- 5 Lead ECG, defibrillation, pacing
- Intubation
- Dressings (Must be adhered to simulator with special "Mepitac" tape)

#### Enhance Your Experience:

- Realistic Secretion: Eyes, nose, mouth, ears, diaphoresis
  - Two simultaneous bleeding sites
  - Urinary output for indwelling urinary catheter
  - Female and male genitalia exchangeable
- Note: the setting up of those features requires at least one hour preparation

#### Important Information:

- Keep excessive care when moving to protect internal circuit and mechanics
- Keep ink, marking materials, printed materials away from the skin

