# Simulator Name: SimMan

## Simulator Type: SimMan Essential

| Vital Signs:          | • Heart rate  
|                       | • Respiratory rate  
|                       | • Blood pressure  
|                       | • Pulses  
| Physical Assessment:  | • Voice  
|                       | • Pulses: Synchronized with EKG, pulse strength variable with BP  
|                       |   - Bilateral carotid  
|                       |   - Brachial (Left side only)  
|                       |   - Bilateral radial  
|                       |   - Bilateral femoral  
|                       |   - Bilateral dorsalis pedis  
|                       |   - Posterior tibial (Left side only)  
|                       | • 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 rhonchi  
|                       |   - Pleural rub  
|                       |   - Rhonchi  
|                       |   - Stridor  
|                       | • Blood Pressure  
|                       | • Eye inserts, manually change pupils  
|                       | • Bilateral chest movement, anterior and posterior auscultation sites  
|                       | • Bowel Sounds on four quadrants  
|                       | • Realistic airway, break away teeth  
|                       | • Controllable open/closed airway; automatically or manually controlled  
|                       | • Head tilt/Chin lift  
|                       | • Jaw thrust w/articulated jaw  

## Skills:

| • Cardiac and pulmonary auscultation |  
| • Blood pressure assessment |  
| • Pulse palpation |  
| • IV arm (right arm) establish IV |  
| • SPo2 assessment |  
| • Chest compressions |  
| • Nasogastric tube placement |  
| • Tracheostomy tube placement |  
| • ECG rhythm monitoring, 4 wire, 12 ECG display, defibrillation and cardioversion, pacing |  
| • Orotracheal intubation, nasotracheal intubation, combitube, LMA, and other airway placement, endotracheal tube intubation |  
| • Dressings (Must be adhered to simulator with special “Mepitac” tape) |  

## Important Information:

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