

## Simulator Name: SimMan

### Simulator Type: SimMan Essential

<b>Vital Signs:</b>	<ul style="list-style-type: none"><li>• Heart rate</li><li>• Respiratory rate</li><li>• Blood pressure</li><li>• Pulses</li></ul>
<b>Physical Assessment:</b>	<ul style="list-style-type: none"><li>• Voice</li><li>• Pulses: Synchronized with EKG, pulse strength variable with BP<ul style="list-style-type: none"><li>▪ Bilateral carotid</li><li>▪ Brachial (Left side only)</li><li>▪ Bilateral radial</li><li>▪ Bilateral femoral</li><li>▪ Bilateral dorsalis pedis</li><li>▪ Posterior tibiali (Left side only)</li></ul></li><li>• Heart Sounds<ul style="list-style-type: none"><li>▪ Aortic area</li><li>▪ Pulmonary area</li><li>▪ Tricuspid area</li><li>▪ Mitral area</li></ul></li><li>• Breath sounds on upper and lower pulmonary areas<ul style="list-style-type: none"><li>▪ Normal vesicular sounds</li><li>▪ Crackles</li><li>▪ Wheezes</li><li>▪ Diminished</li><li>▪ Gurgling rhonchi</li><li>▪ Pleural rub</li><li>▪ Rhonchi</li><li>▪ Stridor</li></ul></li><li>• Blood Pressure</li><li>• Eye inserts, manually change pupils</li><li>• Bilateral chest movement, anterior and posterior auscultation sites</li><li>• Bowel Sounds on four quadrants</li><li>• Realistic airway, break away teeth</li><li>• Controllable open/closed airway; automatically or manually controlled</li><li>• Head tilt/Chin lift</li><li>• Jaw thrust w/articulated jaw</li></ul>
<b>Skills:</b>	<ul style="list-style-type: none"><li>• Cardiac and pulmonary auscultation</li><li>• Blood pressure assessment</li><li>• Pulse palpation</li><li>• IV arm (right arm) establish IV</li><li>• SPO2 assessment</li><li>• Chest compressions</li><li>• Nasogastric tube placement</li><li>• Tracheostomy tube placement</li><li>• ECG rhythm monitoring , 4 wire, 12 ECG display, defibrillation and cardioversion, pacing</li><li>• Orotracheal intubation, nasotracheal intubation, combitube, LMA, and other airway placement, endotracheal tube intubation</li><li>• Dressings (Must be adhered to simulator with special “Mepitac” tape)</li></ul>
<b>Important Information:</b>	<ul style="list-style-type: none"><li>• Keep excessive care when moving to protect internal circuit and mechanics Keep ink, marking materials, printed materials away from the skin</li></ul>

