



## Fundamental Critical Care Support: Surgical Skill Station Equipment List

<p><b>Mechanical Ventilation I</b></p>	<ul style="list-style-type: none"> <li>• Ventilator and circuit (graphic display on ventilator preferred)</li> <li>• Test lung capable of altering resistance and compliance</li> <li>• Gas source(s) as required to power ventilator</li> </ul>
<p><b>Mechanical Ventilation II</b></p>	<ul style="list-style-type: none"> <li>• Ventilator and circuit (graphic display on ventilator preferred)</li> <li>• Test lung capable of altering resistance and compliance</li> <li>• Gas source(s) as required to power ventilator</li> </ul>
<p><b>Noninvasive Positive Pressure Ventilation</b></p>	<ul style="list-style-type: none"> <li>• Gas source(s) as required to power ventilator</li> <li>• Mask interface (nasal, oronasal, and/or full-face masks)</li> <li>• Helmet</li> <li>• Ventilator</li> <li>• Nasal cannula and tubing</li> <li>• Test lung</li> <li>• Gas source(s) as required to power ventilator</li> </ul>
<p><b>Assessment of the Critically Ill Postoperative Patient</b></p>	<p><b>Items in red need not be physically present. Images can be displayed on computer or LCD.</b></p> <ul style="list-style-type: none"> <li>• Flipchart and markers</li> <li>• LCD projector or an alternative method for projecting images</li> <li>• <b>Ultrasound images showing free fluid in abdomen</b></li> <li>• <b>Chest radiograph image of pulmonary edema</b></li> </ul>
<p><b>Hypotension After Abdominal Operation</b></p>	<p><b>Items in red need not be physically present. Images can be displayed on computer or LCD.</b></p> <ul style="list-style-type: none"> <li>• Flipchart and markers</li> <li>• LCD projector or an alternative method for projecting images</li> <li>• Bladder pressure monitoring kit with Foley catheter</li> <li>• <b>Syringes</b></li> <li>• <b>Gloves</b></li> <li>• <b>4x4 gauze pads</b></li> <li>• <b>Jackson-Pratt drains</b></li> <li>• <b>Ventilator waveform image</b></li> <li>• <b>Image of pulse pressure variation</b></li> <li>• <b>Video of ultrasound of inferior vena cava variation</b></li> <li>• <b>Ultrasound images of cardiac chamber hypovolemia</b></li> </ul>

<p><b>ICU Care of Multisystem Trauma Patient</b></p>	<p><b>Items in red need not be physically present. Images can be displayed on computer or LCD.</b></p> <ul style="list-style-type: none"> <li>• Flipchart and markers</li> <li>• LCD projector or an alternative method for projecting images</li> <li>• Half-mannequin (head and chest) specifically for tracheostomy and chest tube simulations or modified for such if management of tracheostomy dislodgement and chest tube assessment will be demonstrated</li> <li>• 30- or 60-gauge catheter tip syringes, with 10-mL Luer lock</li> <li>• Gloves</li> <li>• 4x4 gauze pads</li> <li>• Jackson-Pratt drains</li> <li>• Increased intracranial pressure monitor probe (preferably external ventricular drain)</li> <li>• Chest tube kit and chest drainage system</li> <li>• Tracheostomy tube</li> <li>• Bladder pressure monitoring kit with Foley catheter</li> <li>• Portable suction to demonstrate air leak and tidaling on chest tube or video of chest tube drainage system tidaling and obvious air leak</li> <li>• Pean clamps or other large occluding clamps to demonstrate how to isolate a chest tube leak (patient vs. system)</li> <li>• <b>Size 6 endotracheal tube for dislodged tracheostomy demonstration</b></li> <li>• <b>Gastrostomy tube</b></li> <li>• <b>Bag-valve-masks</b></li> <li>• <b>Endotracheal tube</b></li> <li>• <b>Laryngoscope</b></li> <li>• <b>Laryngeal mask airway (LMA)</b></li> <li>• <b>Video laryngoscope</b></li> <li>• <b>Intracompartmental pressure monitor system</b></li> </ul>
<p><b>Integrated Abdominal Sepsis</b></p>	<p><b>Items in red need not be physically present. Images can be displayed on computer or LCD.</b></p> <ul style="list-style-type: none"> <li>• Flipchart and markers</li> <li>• LCD projector or an alternative method for projecting images</li> <li>• Jackson-Pratt drains</li> <li>• Bladder pressure monitoring kit with Foley catheter</li> <li>• <b>Nasal cannula</b></li> <li>• <b>Noninvasive positive pressure ventilation mask</b></li> <li>• <b>Cricothyrotomy kit</b></li> <li>• <b>Cricothyroidotomy simulator</b></li> <li>• <b>Endotracheal tube</b></li> <li>• <b>Laryngoscope</b></li> <li>• <b>Video laryngoscope</b></li> <li>• <b>Laryngeal mask airway</b></li> <li>• <b>Robotic simulator with gastric intubation</b></li> </ul>

<p><b>Integrated Severe Sepsis A Scenario</b></p>	<p>This skill station may be conducted using any of the following equipment, as available:</p> <ul style="list-style-type: none"> <li>• Flipchart and markers</li> <li>• PowerPoint presentation</li> <li>• Resuscitation mannequin</li> <li>• Low- or high-fidelity simulators</li> </ul>
<p><b>Integrated Airway Management and Hemorrhagic Shock Scenario</b></p>	<ul style="list-style-type: none"> <li>• LCD projector or an alternative method for projecting images</li> </ul>
<p><b>Recognition and Assessment of the Seriously Ill Patient</b></p>	<p>This skill station may be conducted using any of the following equipment, as available:</p> <ul style="list-style-type: none"> <li>• Flipchart and markers</li> <li>• PowerPoint presentation</li> <li>• Resuscitation mannequin</li> <li>• Low- or high-fidelity simulators</li> </ul>