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

| **Mechanical Ventilation I** | • Ventilator and circuit (graphic display on ventilator preferred)  
• Test lung capable of altering resistance and compliance  
• Gas source(s) as required to power ventilator |
| **Mechanical Ventilation II** | • Ventilator and circuit (graphic display on ventilator preferred)  
• Test lung capable of altering resistance and compliance  
• Gas source(s) as required to power ventilator |
| **Noninvasive Positive Pressure Ventilation** | • Gas source(s) as required to power ventilator  
• Mask interface (nasal, oronasal, and/or full-face masks)  
• Helmet  
• Ventilator  
• Nasal cannula and tubing  
• Test lung  
• Gas source(s) as required to power ventilator |
| **Assessment of the Critically Ill Postoperative Patient** | **Items in red need not be physically present. Images can be displayed on computer or LCD.**  
• Flipchart and markers  
• LCD projector or an alternative method for projecting images  
• Ultrasound images showing free fluid in abdomen  
• Chest radiograph image of pulmonary edema |
| **Hypotension After Abdominal Operation** | **Items in red need not be physically present. Images can be displayed on computer or LCD.**  
• Flipchart and markers  
• LCD projector or an alternative method for projecting images  
• Bladder pressure monitoring kit with Foley catheter  
• Syringes  
• Gloves  
• 4×4 gauze pads  
• Jackson-Pratt drains  
• Ventilator waveform image  
• Image of pulse pressure variation  
• Video of ultrasound of inferior vena cava variation  
• Ultrasound images of cardiac chamber hypovolemia |
## ICU Care of Multisystem Trauma Patient

Items in red need not be physically present. Images can be displayed on computer or LCD.

- Flipchart and markers
- LCD projector or an alternative method for projecting images
- 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
- 30- or 60-gauge catheter tip syringes, with 10-mL Luer lock
- Gloves
- 4×4 gauze pads
- Jackson-Pratt drains
- Increased intracranial pressure monitor probe (preferably external ventricular drain)
- Chest tube kit and chest drainage system
- Tracheostomy tube
- Bladder pressure monitoring kit with Foley catheter
- Portable suction to demonstrate air leak and tidaling on chest tube or video of chest tube drainage system tidaling and obvious air leak
- Pean clamps or other large occluding clamps to demonstrate how to isolate a chest tube leak (patient vs. system)
- Size 6 endotracheal tube for dislodged tracheostomy demonstration
- Gastrostomy tube
- Bag-valve-masks
- Endotracheal tube
- Laryngoscope
- Laryngeal mask airway (LMA)
- Video laryngoscope
- Intracompartmental pressure monitor system

## Integrated Abdominal Sepsis

Items in red need not be physically present. Images can be displayed on computer or LCD.

- Flipchart and markers
- LCD projector or an alternative method for projecting images
- Jackson-Pratt drains
- Bladder pressure monitoring kit with Foley catheter
- Nasal cannula
- Noninvasive positive pressure ventilation mask
- Cricothyrotomy kit
- Cricothyroidotomy simulator
- Endotracheal tube
- Laryngoscope
- Video laryngoscope
- Laryngeal mask airway
- Robotic simulator with gastric intubation
<table>
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<tr>
<th>Scenarios</th>
<th>Equipment Details</th>
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<td>Integrated Severe Sepsis A Scenario</td>
<td>This skill station may be conducted using any of the following equipment, as available:</td>
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<tr>
<td></td>
<td>• Flipchart and markers</td>
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<td>• PowerPoint presentation</td>
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<td>• Resuscitation mannequin</td>
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<td>• Low- or high-fidelity simulators</td>
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<td>Integrated Airway Management and Hemorrhagic Shock Scenario</td>
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<tr>
<td>Recognition and Assessment of the Seriously Ill Patient</td>
<td>This skill station may be conducted using any of the following equipment, as available:</td>
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