



**Pediatric Fundamental Critical Care Support  
Skill Station Equipment List**

<p><b>Cardiopulmonary Dysfunction</b></p>	<ul style="list-style-type: none"> <li>- Airway heads that can be intubated</li> <li>- Sim baby - hi fidelity ideal but not essential</li> <li>- Sim junior – hi fidelity ideal but not essential</li> <li>- Oral and nasopharyngeal airways</li> <li>- Pediatric laryngoscope(s) and blades (1 curved and 1 straight per mannequin) PLUS any special scopes used at your institution eg CMAC/Glidescope etc.</li> <li>- Syringes</li> <li>- Stylets</li> <li>- Magill forceps</li> <li>- Resuscitation bags and masks of various sizes</li> <li>- Adjunctive airway devices: tracheoesophageal double-lumen airway (Combitube), laryngeal mask airway (LMA), intubating LMA</li> <li>- CO<sub>2</sub> detectors –Pedicap-type</li> <li>- Intravenous solutions (isotonic crystalloids)</li> <li>- Intravenous tubing for pediatric patients</li> <li>- Intraosseous needle, manikin leg, right angle connector</li> <li>- Adhesive tape to secure ETT, IV, IO and tube holder</li> <li>- Oximeters (optional)</li> <li>- Cervical collars for mannequins (optional)</li> <li>- Monitor if using hi fidelity or laptop to provide virtual graphic display if available.</li> <li>- Mock up Crash Cart with dummy drugs (optional)</li> <li>- Suction equipment &amp; catheters</li> <li>- NG tubes of various sizes</li> <li>- Broselow Tape</li> <li>- Stethoscope</li> <li>- Pneumo Kit: 20Ga Angiocath and 60 ml syringe</li> <li>- Arterial, CVL, Chest Tube kits for demo only</li> <li>- Bulb suction</li> <li>- White board with erasable pens</li> </ul>
<p><b>Mechanical Ventilation</b></p>	<ul style="list-style-type: none"> <li>- Ventilator (graphic display on ventilator preferred)</li> <li>- Circuitry tubing with interface for testing lung (infant, pediatric, and adult circuitry required)</li> <li>- Non-invasive ventilator (invasive ventilator with non-invasive mode) and High Flow Nasal Cannulas (RAM cannula) with setup for high flow oxygen.</li> <li>- Test lung capable of altering resistance and compliance</li> <li>- Gas source(s)/compressor to drive ventilator individually</li> <li>- Extension cord</li> <li>- -Stethoscope</li> <li>- Ventilator handouts (included in the course administration materials) – copies for students</li> <li>- Suction catheters</li> <li>- Heated High Flow set up</li> <li>- Pneumo Kit: See Above</li> <li>- White board with erasable pens</li> </ul>



<p><b>Pediatric Transport</b></p>	<ul style="list-style-type: none"> <li>- Pediatric transport form and scripts and case for instructor in the classroom and for remotely located instructor (2 sets) (included in course administration materials)</li> <li>- Two-way communication radios (optional) or cell phones</li> </ul>
<p><b>Sedation</b></p>	<ul style="list-style-type: none"> <li>- Sedation skill lab handout (included in the course administration materials) copies for students</li> <li>- PCA order sheet handout (included in the course administration materials) copies for students</li> <li>- Difficult airway algorithm handout (Appendix 8 in 3<sup>rd</sup> edition book) copies for students</li> <li>- Laminated cards with drug names: print on 1-color background; maximum size 5 x 8 inches. (Available to print with other course material from SCCM.)</li> </ul>
<p><b>Radiology/Invasive Devices</b></p>	<ul style="list-style-type: none"> <li>- Laser pointer (2 pointers)</li> <li>- Projector</li> <li>- Projector screen</li> </ul>
<p><b>Advanced Integration Scenarios</b></p> <p><b>Essentially ALL components of Cardiopulmonary Dysfunction + Mechanical Ventilation equipment</b></p>	<ul style="list-style-type: none"> <li>- Airway heads that can be intubated</li> <li>- Sim baby</li> <li>- Sim junior</li> <li>- Oral and nasopharyngeal airways</li> <li>- Pediatric laryngoscope(s) and blades (1 curved and 1 straight per mannequin)</li> <li>- Endotracheal tubes of assorted sizes</li> <li>- Syringes</li> <li>- Stylets</li> <li>- Magill forceps</li> <li>- Resuscitation bags and masks of various sizes</li> <li>- Adjunctive airway devices: tracheoesophageal double –lumen airway (Combitube), laryngeal mask airway (LMA), intubating LMA</li> <li>- CO2 detectors</li> <li>- Intravenous solutions (isotonic crystalloids)</li> <li>- Intravenous tubing for pediatric patients</li> <li>- Intraosseous needle kit</li> <li>- Adhesive tape to secure endotracheal tube or tube holder</li> <li>- Oximeters (optional)</li> <li>- Cervical collars for mannequins (optional)</li> <li>- GlideScope laryngoscope (optional)</li> <li>- Ventilator (graphic display on ventilator preferred)</li> <li>- Circuitry tubing with interface for testing lung (infant, pediatric, and adult circuitry required)</li> <li>- Test lung capable of altering resistance and compliance</li> <li>- Gas source(s) as required to power ventilator individually</li> <li>- Extension cord</li> <li>- Ventilator handouts (included in the course administration materials)</li> </ul>



<b>Accidental and Abusive Trauma</b>	<ul style="list-style-type: none"><li>- Airway heads that can be intubated</li><li>- Sim baby - hi fidelity ideal but not essential</li><li>- Sim junior - hi fidelity ideal but not essential</li><li>- Nasal cannula and tubing</li><li>- Cervical collars for mannequins</li><li>- Intravenous solutions (isotonic crystalloids)</li><li>- Intraosseous needle kit</li><li>- Chest tubes of assorted sizes</li><li>- Nasogastric tube of assorted sizes</li><li>- End-tidal CO2 monitor</li><li>- Intracranial pressure monitor (optional)</li></ul>
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