

FCCS: Pediatrics Skill Station Equipment List

Cardiopulmonary Dysfunction	<ul style="list-style-type: none"> - Airway heads that can be intubated - Sim baby - hi fidelity ideal but not essential - Sim junior – hi fidelity ideal but not essential - Oral and nasopharyngeal airways - Pediatric laryngoscope(s) and blades (1 curved and 1 straight per mannequin) PLUS any special scopes used at your institution eg CMAC/Glidescope etc. - Syringes - Stylets - Magill forceps - Resuscitation bags and masks of various sizes - Adjunctive airway devices: tracheoesophageal double-lumen airway (Combitube), laryngeal mask airway (LMA), intubating LMA - ET-CO₂ detectors –Pedicap-type - Intravenous solutions (isotonic crystalloids) - Intravenous tubing for pediatric patients - Intraosseous needle, manikin leg, right angle connector - Adhesive tape to secure ETT, IV, IO and tube holder - Oximeters (optional) - Cervical collars for mannequins (optional) - Monitor if using hi fidelity or laptop to provide virtual graphic display if available. - Mock up Crash Cart with dummy drugs (optional) - Suction equipment & catheters - NG tubes of various sizes - Broselow Tape - Stethoscope - Pneumo Kit: 20Ga Angiocath and 60 ml syringe - Arterial, CVL, Chest Tube kits for demo only - Bulb suction - White board with erasable pens
Mechanical Ventilation	<ul style="list-style-type: none"> - Ventilator (graphic display on ventilator preferred) - Circuitry tubing with interface for testing lung (infant, pediatric, and adult circuitry required) - Non-invasive ventilator (invasive ventilator with non-invasive mode) and High Flow Nasal Cannulas (RAM cannula) with setup for high flow oxygen. - Test lung capable of altering resistance and compliance - Gas source(s)/compressor to drive ventilator individually - Extension cord - -Stethoscope - Ventilator handouts (included in the course administration materials) – copies for students - Suction catheters - Heated High-Flow set up - Pneumo Kit: See Above - Flip chart



Pediatric Transport	<ul style="list-style-type: none"> - Pediatric transport form and scripts and case for instructor in the classroom and for remotely located instructor (2 sets) - Two-way communication radios (optional) or cell phones
Sedation	<ul style="list-style-type: none"> - Sedation skill lab handout copies for learners - Infant, toddler, and child mannequins that can be intubated - Oropharyngeal and nasopharyngeal airway - Pediatric laryngoscope(s) and blades (one curved and one straight per manikin) - Endotracheal tubes of assorted sizes, syringes, stylets, Magill forceps - Resuscitation bags and masks - Adhesive tape to demonstrate taping endotracheal tube or tube holder - Adjunctive airway devices: laryngeal mask airway (LMA), intubating LMA - ET-CO₂ detector - Cervical collars for manikin (optional) - Oximeters (optional) - ECG leads - Suction catheter or Yankauer tube suction catheter - Pulse oximeter probe - Patient-controlled analgesia (PCA) order sheets - PCA smart pumps (optional) - Difficult airway algorithm handout (Textbook, Appendix 4, Figure A4-12) copies for learners - Laminated cards with drug names: print on 1-color background; maximum size 5 x 8 inches. (
Radiology/Invasive Devices	<ul style="list-style-type: none"> - Laser pointer (2 pointers) - Projector - Projector screen



Advanced Integration Scenarios

Essentially ALL components of Cardiopulmonary Dysfunction + Mechanical Ventilation equipment

- Airway heads that can be intubated
- Sim baby
- Sim junior
- Oral and nasopharyngeal airways
- Pediatric laryngoscope(s) and blades (1 curved and 1 straight per mannequin)
- Endotracheal tubes of assorted sizes
- Syringes
- Stylets
- Magill forceps
- Resuscitation bags and masks of various sizes
- Adjunctive airway devices: tracheoesophageal double –lumen airway (Combitube), laryngeal mask airway (LMA), intubating LMA
- ET-CO₂ detectors
- Intravenous solutions (isotonic crystalloids)
- Intravenous tubing for pediatric patients
- Intraosseous needle kit
- Adhesive tape to secure endotracheal tube or tube holder
- Oximeters (optional)
- Cervical collars for mannequins (optional)
- GlideScope laryngoscope (optional)
- Ventilator (graphic display on ventilator preferred)
- Circuitry tubing with interface for testing lung (infant, pediatric, and adult circuitry required)
- Test lung capable of altering resistance and compliance
- Gas source(s) as required to power ventilator individually
- Extension cord
- Ventilator handouts (included in the course administration materials)

Accidental and Abusive Trauma

- Airway heads that can be intubated
- Sim baby - hi fidelity ideal but not essential
- Sim junior - hi fidelity ideal but not essential
- Nasal cannula and tubing
- Cervical collars for mannequins
- Intravenous solutions (isotonic crystalloids)
- Intraosseous needle kit
- Chest tubes of assorted sizes
- Nasogastric tube of assorted sizes
- End-tidal CO₂ monitor
- Intracranial pressure monitor (optional)

