

Recommended Pediatric Equipment Checklist

Monitoring

Equipment	Yes	No
Defibrillator (0-400J) capability with pediatric paddles (4.5 cm)	<input type="checkbox"/>	<input type="checkbox"/>
Pediatric monitor electrodes	<input type="checkbox"/>	<input type="checkbox"/>
Pulse oximeter with sensors sizes (newborn through adult)	<input type="checkbox"/>	<input type="checkbox"/>
Thermometer/rectal probe*	<input type="checkbox"/>	<input type="checkbox"/>
Blood Pressure cuffs—neonatal, infant child, adult and thigh cuff	<input type="checkbox"/>	<input type="checkbox"/>
Method to monitor endotracheal tube and placement†	<input type="checkbox"/>	<input type="checkbox"/>

* Suitable for hypothermic and hyperthermic measurements with temperature capability from 25° to 44°.

† May be satisfied by a disposable ET co² detector, bulb, or feeding tube methods for endotracheal tube placement.

Vascular Access

Equipment	Yes	No
Butterfly needles (19-25-gauge)	<input type="checkbox"/>	<input type="checkbox"/>
Catheter-over-needle devices (14 to 24 gauge)	<input type="checkbox"/>	<input type="checkbox"/>
Infusion device‡	<input type="checkbox"/>	<input type="checkbox"/>
Tubing for above	<input type="checkbox"/>	<input type="checkbox"/>
Intraosseous needles (16 and 18 gauge)§	<input type="checkbox"/>	<input type="checkbox"/>
Arm boards – (infant, child)	<input type="checkbox"/>	<input type="checkbox"/>
Intravenous fluid/blood warmers	<input type="checkbox"/>	<input type="checkbox"/>
Umbilical vein catheters (sizes 3.5 Fr and 5 Fr)!!	<input type="checkbox"/>	<input type="checkbox"/>
Seldinger technique vascular access kit (with pediatric sizes 3, 4, 5, Fr catheters)	<input type="checkbox"/>	<input type="checkbox"/>

‡ To regulate rate and volume.

§ May be satisfied by standard bone marrow aspiration needles, 13- or 15- gauge.

!! Available within the hospital

Airway Management

Equipment	Yes	No
Clear oxygen masks (preterm, infant, child, and adult sizes)	<input type="checkbox"/>	<input type="checkbox"/>
Non-breathing masks (infant, child, and adult sizes)	<input type="checkbox"/>	<input type="checkbox"/>
Oral airways (sizes 00-5)	<input type="checkbox"/>	<input type="checkbox"/>
Nasopharyngeal airways (12 to 30 fr)	<input type="checkbox"/>	<input type="checkbox"/>
Bag-valve-mask Resuscitator, self-inflating (450 and 1000 mL sizes)	<input type="checkbox"/>	<input type="checkbox"/>
Nasal cannulae (infant, child, and adult sizes)	<input type="checkbox"/>	<input type="checkbox"/>
Endotracheal tubes: uncuffed (sizes 2.5 to 8.5) and cuffed (sizes 5.5 to 9)	<input type="checkbox"/>	<input type="checkbox"/>
Stylets (pediatric)	<input type="checkbox"/>	<input type="checkbox"/>
Laryngoscope handle (pediatric)	<input type="checkbox"/>	<input type="checkbox"/>
Laryngoscope Blades, curved (sizes 2 and 3) and straight (1 to 3)	<input type="checkbox"/>	<input type="checkbox"/>
Magill forceps (pediatric)	<input type="checkbox"/>	<input type="checkbox"/>
Nasogastric tubes (sizes 6 to 14 Fr)	<input type="checkbox"/>	<input type="checkbox"/>
Suction catheters: flexible (sizes 5 to 16 Fr) and Yankauer suction tip	<input type="checkbox"/>	<input type="checkbox"/>
Chest tubes (sizes 8 to 40 Fr)	<input type="checkbox"/>	<input type="checkbox"/>
Tracheostomy tubes (sizes 00 to 6)¶		

¶ Ensure availability of pediatric sizes within the hospital

Resuscitation Medications

Equipment	Yes	No
Medication chart, tape, or other system to ensure ready access to information on proper per kilogram doses for resuscitation drugs and equipment sizes#		

System for estimating medication doses and supplies may use the length based method with color codes, or other predetermined weight (kilogram)/dose method.

Miscellaneous

Equipment	Yes	No
Infant and standard scales		
Infant formula and oral rehydrating solutions		
Heating source (infrared lamps or overhead warmer)		
Pediatric restraining devices		
Resuscitation board		

Specialized pediatric trays

Equipment	Yes	No
Lumbar puncture (spinal needle sizes 20-, 22-, and 25- gauge)		
Tube thoracotomy with water seal drainage capability		
Urinary catheterization with pediatric Foley catheters		
Obstetric pack		
Newborn kit – umbilical vessel cannulation supplies, meconium aspirator		
Venous cutdown		
Surgical airway kit‡‡		

‡‡ May include any of the following items: tracheostomy tray, cricothyrotomy tray, ETJV (needle jet).

Fracture management

Equipment	Yes	No
Cervical immobilization equipment (sizes child to adult)§§		
Extremity splints		
Femur splints (child and adult sizes)		

§§ Many types of cervical immobilization devices are available. These include wedges and collars. The type of device chosen depends on local preference and policies and procedures. Whatever device is chosen should be stocked in sizes to fit infants, children, adolescents, and adults. The use of sandbags to meet this requirement is discouraged because they may cause injury if the patient has to be turned.

Medications

Drug	Supplied	Quantity/container
Atropine	Pre-filled syringe	10 mL (0.1 mg/mL) 5 mL (0.1 mg/mL)
Adenosine	Vial	1 mL (1 mg/mL)
Bretylium	Pre-filled syringe Ampule Vial	10 mL (50 mg/mL) 10 mL (50 mg/mL) 20 mL (50 mg/mL)
Calcium chloride	Pre-filled syringe	10 mL (100 mg/mL=27.1mg elemental calcium)
Dextrose (25% and 50%)	Pre-filled syringe	10 mL
Dopamine	Vial	5 mL (40 mg/ml) 10 mL (40 mg/mL)
Dobutamine	Vial	10 mL (25 mg/mL) 20 mL (12.5 mg/mL)
Epinephrine 1:1000	Pre-filled syringe Vial	1 mL, 2 mL 30 mL (1 mg/mL)
Epinephrine 1:10,000	Pre-filled syringe	10 mL (0.1 mg/mL) 3 mL (0.1 mg/mL)
Isoproterenol	Vial	5 mL (0.2 mg/mL)
Lidocaine	Pre-filled syringe Vial Ampule	5 mg/mL, 10 mg/mL, 15 mg/mL, 20 mg/mL, 40 mg/mL, 100 mg/mL, 200 mg/mL 5 mL (20 mg/mL)
Naloxone	Vial	1 mL, 10 mL, (0.4 mg/ml) 2 mL (1 mg/mL)
Sodium Bicarbonate	Pre-filled syringe	50 mL (8.4%) (1 mEq/mL) 10 mL (8.4%) (1 mEq/mL) 10 mL (4.2%) (0.5 mEq/mL)