State of Illinois
Illinois Department of Public Health

Illinois EMSC Facility Recognition

Pediatric Equipment Requirements for Emergency Departments Checklist

The following list identifies pediatric equipment items that are required for the two emergency department facility recognition levels. Equipment items are classified as "essential" (E) and "need to be stocked in the emergency department (ED)."

Monitoring Devices	**EDAP**	**Present in EDAP**	**SEDP**	**Present in SEDP**
Blood glucose measurement device (i.e., chemistry strip or glucometer)	E (ED)	☐	E (ED)	☐
Continuous end-tidal PCO2 monitor and pediatric CO2 colorimetric detector (disposable units may be substituted)	E (ED)	☐	E (ED)	☐
Doppler ultrasound blood pressure device (neonatal-adult thigh cuffs)	E (ED)	☐	E (ED)	☐
ECG monitor-defibrillator/cardioverter with pediatric and adult sized paddles, or pads with pediatric dosage settings, and pediatric and adult pacing electrodes	E (ED)	☐	E (ED)	☐
Hypothermia thermometer (Note: with a range of 28-42°C)	E (ED)	☐	E (ED)	☐
Pediatric monitor electrodes	E (ED)	☐	E (ED)	☐
Otoscope/ophthalmoscope/stethoscope	E (ED)	☐	E (ED)	☐
Pulse oximeter with pediatric and adult probes	E (ED)	☐	E (ED)	☐
Sphygmomanometer with cuffs (neonatal-adult thigh)	E (ED)	☐	E (ED)	☐
Vascular Access Supplies and Equipment	**EDAP**	**Present in EDAP**	**SEDP**	**Present in SEDP**
Arm boards (sized infant through adult)	E (ED)	☐	E (ED)	☐
Blood gas kits	E (ED)	☐	E (ED)	☐
Butterfly-type needles (19-25 g)*	E (ED)	☐	E (ED)	☐
Catheter-over-needle devices (16-24 g)*	E (ED)	☐	E (ED)	☐
Central venous catheters (stock one small and one large size)	E (ED)	☐	E (ED)	☐
Infusion pumps, syringe pumps, or devices with microinfusion capability using appropriate tubing and connectors	E (ED)	☐	E (ED)	☐
Intraosseous needles or bone marrow needles (13-18 g size range; stock one large/one small bore) or IO device (pediatric and adult sizes)	E (ED)	☐	E (ED)	☐
IV extension tubing, stopcocks, and medication transfer devices (i.e. T-connectors)	E (ED)	☐	E (ED)	☐
IV fluid/blood warmer	E (ED)	☐	E (ED)	☐
Syringes (1mL through 20 mL)	E (ED)	☐	E (ED)	☐
Umbilical vein catheters (3.5 and 5 Fr; the same size feeding tube may be used for 5 Fr)*	E (ED)	☐	E (ED)	☐
Respiratory Equipment and Supplies	**EDAP**	**Present in EDAP**	**SEDP**	**Present in SEDP**
Bag-valve-mask device, self-inflating infant/child and adult (1000 ml) with O2 reservoir and clear masks (neonatal through large adult sizes)*; PEEP valve	E (ED)	☐	E (ED)	☐
Bulb syringe	E (ED)	☐	E (ED)	☐
Endotracheal tubes:*				
Cuffed or Uncuffed (sizes 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, and 8.0)	E (ED)	☐	E (ED)	☐
Stylets for endotracheal tubes (pediatric and adult)	E (ED)	☐	E (ED)	☐
Laryngoscope handle (pediatric and adult)	E (ED)	☐	E (ED)	☐

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Respiratory Equipment and Supplies	**EDAP**	**Present in EDAP**	**SEDP**	**Present in SEDP**
Laryngoscope blades (curved 2, 3; straight or Miller 0, 1, 2, 3)*	E (ED)	☐	E (ED)	☐
Magill forceps (pediatric and adult)	E (ED)	☐	E (ED)	☐
Nasopharyngeal airways (sizes 14, 16, 20, 24, 28, 30 Fr)*	E (ED)	☐	E (ED)	☐
Nebulized medication, administration set with pediatric and adult masks	E (ED)	☐	E (ED)	☐
Oral airways (sizes 0, 1, 2, 3, 4, 5 or size 50 mm, 60 mm, 70 mm, 80 mm, 90 mm, 100 mm)*	E (ED)	☐	E (ED)	☐
Oxygen delivery device with flow meter and tubing	E (ED)	☐	E (ED)	☐
Oxygen delivery adjuncts:				
Tracheostomy collar	E (ED)	☐	E (ED)	☐
Standard masks, clear (pediatric and adult sizes)	E (ED)	☐	E (ED)	☐
Partial non-rebreather or non-rebreather masks, clear (pediatric and adult sizes	E (ED)	☐	E (ED)	☐
Nasal cannula (infant, pediatric, and adult)	E (ED)	☐	E (ED)	☐
Peak flow meter	E (ED)	☐	E (ED)	☐
Supplies/kit for patients with difficult airway conditions (must have one of the following): • Supraglottic airway devices (sizes 1.0, 1.5, 2.0, 2.5, 3.0, 4.0, and 5.0; or sizes appropriate for a neonate through adult); or • Cricothyrotomy kit (pediatric size); or • Cricothyrotomy capabilities (i.e., 10 g needle and 3.5 mm ET tube adapter or 14 g needle and 3.0 mm ET tube adapter); or • Video laryngoscopy	E (ED)	☐	E (ED)	☐
Suction capability (wall)	E (ED)	☐	E (ED)	☐
Suction capability (portable)	E (ED)	☐	E (ED)	☐
Suction catheters (sizes 5/6, 8, 10, 12, 14, 16, 18 Fr and Yankauer-tip catheter)*	E (ED)	☐	E (ED)	☐
Tracheostomy tubes (pediatric sizes 3.0, 3.5, 4.0, 4.5, 5.0, 5.5 that correspond to PT 00, 0, 1, 2, 3, 4, in old schematization)	E (ED)	☐	---	☐
Tube thoracostomy tray and water seal drainage capacity with chest tubes (sizes 12-32 Fr)*	E (ED)	☐	---	☐
Medications (unit dose, prepackaged)	**EDAP**	**Present in EDAP**	**SEDP**	**Present in SEDP**
Access to the Illinois Poison Center 1-800-222-1222 through posting of phone number at the nursing station or pre-programmed on unit phones	E (ED)	☐	E (ED)	☐
Activated charcoal (without Sorbitol)	E (ED)	☐	E (ED)	☐
Adenosine	E (ED)	☐	E (ED)	☐
Amiodarone	E (ED)	☐	E (ED)	☐
Antiemetics	E (ED)	☐	E (ED)	☐
Antimicrobial agents (parenteral and oral)	E (ED)	☐	E (ED)	☐
Antipyretics	E (ED)	☐	E (ED)	☐
Atropine	E (ED)	☐	E (ED)	☐
Barbiturates, e.g., Phenobarbital, Pentobarbital	E (ED)	☐	E (ED)	☐

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Medications (unit dose, prepackaged)	EDAP	Present in EDAP	SEDP	Present in SEDP
Benzodiazepines, e.g., Lorazepam, Midazolam, Diazepam	E (ED)	☐	E (ED)	☐
Beta agonist for inhalation (Albuterol, Levalbuterol)	E (ED)	☐	E (ED)	☐
Beta blockers, e.g., Propranolol, Metoprolol	E (ED)	☐	E (ED)	☐
Calcium (chloride or gluconate)	E (ED)	☐	E (ED)	☐
Corticosteroids, e.g., Dexamethasone, Hydrocortisone, Methylprednisolone	E (ED)	☐	E (ED)	☐
Dextrose (25% or 50%)	E (ED)	☐	E (ED)	☐
Diphenhydramine	E (ED)	☐	E (ED)	☐
Dobutamine	E (ED)	☐	---	☐
Dopamine	E (ED)	☐	---	☐
Epinephrine (1mg/mL and 0.1mg/mL)	E (ED)	☐	E (ED)	☐
Epinephrine (Racemic)	E (ED)	☐	E (ED)	☐
Fosphenytoin or Phenytoin	E (ED)	☐	E (ED)	☐
Furosemide	E (ED)	☐	E (ED)	☐
Glucagon or Glucose Paste	E (ED)	☐	E (ED)	☐
Insulin, regular	E (ED)	☐	E (ED)	☐
IV solutions: standard crystalloid solutions (D10W, D5/.2 NS, D5/.45 NS, D5/.9 NS, and 0.9 NS)	E (ED)	☐	E (ED)	☐
Lidocaine	E (ED)	☐	E (ED)	☐
Magnesium Sulfate	E (ED)	☐	E (ED)	☐
Mannitol or 3% Hypertonic Saline	E (ED)	☐	E (ED)	☐
Narcotics	E (ED)	☐	E (ED)	☐
Neuromuscular blocking agents (i.e., succinylcholine, rocuronium, vecuronium)	E (ED)	☐	E (ED)	☐
Ocular anesthetics	E (ED)	☐	E (ED)	☐
Poison Specific Antidotes				
Acetylcysteine	E (ED)	☐	E (ED)	☐
Cyanide Antidote (Sodium Thiosulfate with or without Sodium Nitrite therapy; or Hydroxocobalamin single agent therapy)	E (ED)	☐	E (ED)	☐
Flumazenil	E (ED)	☐	E (ED)	☐
Naloxone	E (ED)	☐	E (ED)	☐
Sodium bicarbonate – 8.4% and 4.2%	E (ED)	☐	E (ED)	☐
Sedative/Hypnotic (e.g., Ketamine, Etomidate)	E (ED)	☐	E (ED)	☐
Tetanus Immune Globulin (Human)	E (ED)	☐	E (ED)	☐
Tetanus Vaccines (single or in combination with other vaccines)	E (ED)	☐	E (ED)	☐
Topical Anesthetics	E (ED)	☐	E (ED)	☐

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Miscellaneous Equipment	**EDAP**	**Present in EDAP**	**SEDP**	**Present in SEDP**
Atomizer for intranasal administration of medication	E (ED)	☐	E (ED)	☐
Fluorescein (eye strips or eye drops) and blue light	E (ED)	☐	E (ED)	☐
Infant formulas and dextrose in water	E (ED)	☐	E (ED)	☐
Lubricant, water soluble	E (ED)	☐	E (ED)	☐
Medication and equipment resources				
Length or weight-based system for dosing and equipment	E (ED)	☐	E (ED)	☐
Resuscitation medication dosing guide based on kilogram weight	E (ED)	☐	E (ED)	☐
Nasogastric tubes 8 through 18 Fr* (may substitute feeding tubes 5F and 8F)	E (ED)	☐	E (ED)	☐
Oral rehydrating solution	E (ED)	☐	E (ED)	☐
Pain scale assessment tools appropriate for various ages and languages	E (ED)	☐	E (ED)	☐
Pediatric emergency/crash cart or bag with defined list of contents attached to bag/cart	E (ED)	☐	E (ED)	☐
Restraining device/methods (e.g., papoose, distraction devices, comfort hold, swaddling)	E (ED)	☐	E (ED)	☐
Resuscitation board	E (ED)	☐	E (ED)	☐
Urinary catheters (8-22 Fr)*	E (ED)	☐	E (ED)	☐
Warming devices, age appropriate	E (ED)	☐	E (ED)	☐
Weighing scales (locked in kilograms only) for infants and children	E (ED)	☐	E (ED)	☐
Specialized Pediatric Trays	**EDAP**	**Present in EDAP**	**SEDP**	**Present in SEDP**
Lumbar puncture tray, including a selection of needle sizes (size 18-22 g, 1½ -3 inch needle)	E (ED)	☐	E (ED)	☐
Minor surgical instruments and sutures	E (ED)	☐	E (ED)	☐
Newborn kit/OB kit (including umbilical clamp, bulb syringe, towel). Maintain each of the following newborn resuscitation equipment/supplies together for easy access (manometer, warming device, feeding tubes, neonatal mask, meconium aspirator).	E (ED)	☐	E (ED)	☐
Fracture Management Devices	**EDAP**	**Present in EDAP**	**SEDP**	**Present in SEDP**
Extremity splints	E (ED)	☐	E (ED)	☐
Semi-rigid neck collars (child through adult) or cervical immobilization equipment suitable for children	E (ED)	☐	E (ED)	☐
Spinal immobilization board	E (ED)	☐	E (ED)	☐

* Shall minimally stock a range of small, medium and large sizes.
(Source: Amended at 48 Ill. Reg 16159, effective November 1, 2024)
NOTE: LATEX-FREE SUPPLIES SHOULD BE AVAILABLE WHENEVER POSSIBLE