



NON-HOSPITAL MEDICAL AND SURGICAL FACILITIES  
ACCREDITATION PROGRAM

# Accreditation Standards

Pediatric Emergency Cart

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## INTRODUCTION

In the non-hospital setting, the pediatric population age range is defined as children aged three (3) and at minimum 12 kilograms in weight to children aged twelve (12) and/or under 24 kilograms in weight. When determining suitability for the non-hospital setting, the anesthesiologist and surgeon in consultation with the medical director must consider the body size and ASA physical status classification of the child, in addition to their chronological age, to determine whether the non-hospital facility has the staff, equipment and supplies appropriate for the child. Having the facility resources to perform routine and emergency pediatric-specific techniques for airway management, fluid administration, temperature regulation, vascular catheter insertion, cardiorespiratory monitoring, and pain management along with a perioperative team trained and experienced in pediatrics is important to the safety of this patient population.

To be eligible for surgery in the non-hospital setting, the child must be at minimum three years of age, weigh at minimum 12 kilograms and be an ASA 1 or II. Only non-hospital facilities that have been accredited for pediatric services may perform medical, surgical, dental or anesthesia procedures on children.

Non-hospital facilities providing pediatric services to children that weigh less than 24 kilograms are required to have a dedicated pediatric emergency cart, in addition to a dedicated adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock their pediatric emergency supplies on a combined adult and pediatric emergency cart. Non-hospital facilities required to have a dedicated pediatric emergency cart may choose to stock the required orange drawer, green drawer and other supplies where indicated within the guidance notes on a combined adult and pediatric emergency cart.

Recognizing that a pediatric emergency is a universally feared event, non-hospital facilities are required to prepare every pediatric case as if there would be an emergency by ensuring the following is completed for each pediatric admission:

- The child is weighed during the admission assessment to know the patient's actual weight should a pediatric emergency occur.
- The child's identification band is marked with the corresponding weight-based Broselow colour (i.e. the band is marked with a large circle using a Sharpie in the corresponding Broselow colour).
- The child's weight and corresponding Broselow colour should be communicated to the perioperative team during the surgical safety checklist briefing.

**PEM1.0 PEDIATRIC EMERGENCY CART**

<b>PEM1.1</b>	<b>Emergency equipment required for a facility providing pediatric services is located on the emergency cart.</b> <i>Guidance: A dedicated pediatric emergency cart is required if the facility provides services to patients that weigh less than 24 kilograms. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms are not required to have a dedicated pediatric emergency cart and may stock these items on a combined adult and pediatric emergency cart. Non-hospital facilities required to have a dedicated pediatric emergency cart may choose to stock the required orange drawer, green drawer and other supplies where indicated within the guidance notes on a combined adult and pediatric emergency cart.</i>
PEM1.1.1	<b>M</b> Self-inflating bag-valve mask – pediatric size. <i>Guidance: This item should be stored on the top of the cart and be contained in a clear plastic bag to protect it from contamination during storage. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.1.2	<b>M</b> Self-inflating bag-valve mask – adult size. <i>Guidance: This item should be stored on the top of the cart and be contained in a clear plastic bag to protect it from contamination during storage. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of one (1) is required on a combined cart.</i>
PEM1.1.3	<b>M</b> Defibrillator monitor suitable for pediatric patients with print-out capability. <i>Guidance: The defibrillator monitor has the following capabilities: defibrillation, cardiac monitoring (lead II), cardioversion, external pacing, and pulse oximetry. If the defibrillator is also designed for paddles, pediatric defibrillator paddles are stocked on the cart. Defibrillator monitor is loaded with recorder paper. A dedicated pediatric emergency cart must have its own defibrillator monitor. Having only one defibrillator monitor located on the class 1 adult emergency cart does not satisfy this requirement. A defibrillator monitor suitable for pediatric patients is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.1.4	<b>M</b> Multi-function defibrillator pads – pediatric size. <i>Guidance: Two (2) sets of unopened multi-function/combo pediatric pads are stocked on the cart. The pediatric pads are within the manufacturer-labelled expiration date. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.1.5	<b>M</b> Multi-function defibrillator pads – adult size. <i>Guidance: Two (2) sets of unopened multi-function/combo adult pads are stocked on the cart. The adult pads are within the manufacturer-labelled expiration date. This item may be stocked on a combined adult and pediatric emergency cart. A total of two (2) adult-size multi-function defibrillator pads are required on a combined cart.</i>

PEM1.1.6	<b>M</b>	Defibrillator pads – pediatric size. <i>Guidance: A minimum of two (2) sets of pediatric size defibrillator gel pads are stocked on the cart for manual paddle defibrillation. The pads are within the manufacturer-labelled expiration date. If the defibrillator monitor is not equipped with manual paddles, then defibrillator gel pads are not required on the emergency cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.1.7	<b>M</b>	Defibrillator pads – adult size. <i>Guidance: A minimum of two (2) sets of adult-size defibrillator gel pads are stocked on the cart for manual paddle defibrillation. The pads are within the manufacturer-labelled expiration date. If the defibrillator monitor is not equipped with manual paddles, then defibrillator gel pads are not required on the emergency cart. This item may be stocked on a combined adult and pediatric emergency cart. A total of two (2) sets of adult-size defibrillator gel pads are required on a combined cart.</i>
PEM1.1.8	<b>M</b>	Lead II monitoring cable. <i>Guidance: One ECG lead II monitoring cable that is compatible with the defibrillator monitor is stocked on the cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of one (1) lead II monitoring cable is required on a combined cart.</i>
PEM1.1.9	<b>M</b>	Electrodes – pediatric size. <i>Guidance: A supply of pediatric ECG electrode patches is stocked on the cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.1.10	<b>M</b>	Electrodes – adult size. <i>Guidance: A supply of adult ECG electrode patches is stocked on the cart. This item may be stocked on a combined adult and pediatric emergency cart.</i>
PEM1.1.11	<b>M</b>	Emergency oxygen tanks with regulator and nipple attached. <i>Guidance: Two (2) emergency oxygen tanks are required. At minimum, one (1) tank must be safely secured to the emergency cart. The second may be in a wheeled stand located beside the emergency cart or in the immediate vicinity of the emergency cart and is solely dedicated to the emergency cart. If the second oxygen tank is not secured to the emergency cart, then it is labelled “For Emergency Use Only” and not used for any other purpose. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of two (2) emergency oxygen tanks are required on a combined cart.</i>
PEM1.1.12	<b>M</b>	Portable battery-operated suction with tonsil suction catheter attached. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of one (1) portable battery-operated suction is required on a combined cart.</i>
PEM1.1.13	<b>M</b>	CPR backboard. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of one (1) backboard is required on a combined cart.</i>

PEM1.1.14	<b>M</b>	Clipboard with arrest forms and pen. <i>Guidance: The arrest forms are triplicate copies so that the original is retained by the facility and two copies follow the patient; one for emergency health services personnel and the other for the receiving hospital. While the use of carbonless copy paper is preferred, inserting carbon paper between the original and each intended copy is also acceptable. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart.</i>
PEM1.1.15	<b>M</b>	Stethoscope – pediatric size. <i>Guidance: This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.1.16	<b>M</b>	Stethoscope – adult size. <i>Guidance: This item may be stocked on a combined adult and pediatric emergency cart. In addition, non-hospital facilities required to have a dedicated pediatric emergency cart that choose to stock the required orange drawer, green drawer and other supplies on a combined adult and pediatric emergency cart may stock the adult size stethoscope on the combined cart.</i>
PEM1.1.17	<b>M</b>	Gloves. <i>Guidance: The box of clean gloves should be located on the top of the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart.</i>
<b>PEM1.2</b>		<b>Cognitive aids required for facilities providing pediatric services are stocked on the emergency cart.</b> <i>Guidance: Dedicated pediatric emergency carts stock these items on the top of the cart. Combined adult and pediatric emergency carts also stock these items on or near the top of the cart.</i>
PEM1.2.1	<b>M</b>	PALS algorithms and drug information. <i>Guidance: Current pediatric advanced life support algorithm cards are located on the cart. These include pediatric pulseless arrest, pediatric cardiac arrest, acute coronary syndrome, pulseless electrical activity/asystole, ventricular fibrillation/pulseless ventricular tachycardia, pediatric bradycardia, pediatric tachycardia with a pulse and adequate perfusion, pediatric tachycardia with a pulse, and poor perfusion.</i>
PEM1.2.2	<b>M</b>	Pediatric length-based resuscitation tape. <i>Guidance: A current pediatric emergency tape, such as the Broselow™ pediatric emergency tape, can be used as a method to quickly and safely determine medication doses and equipment size for pediatric patients whose weight is unknown. The Broselow™ pediatric emergency tape uses colour bars on the tape which correspond to colour coded bags of resuscitation equipment. The Broselow™ pediatric emergency tape also provides pre-calculated medication dose information. It is recommended that non-hospital facilities providing pediatric services organize their pediatric emergency cart drawers in accordance with the Broselow™ pediatric emergency tape colour system.</i>
PEM1.2.3	<b>M</b>	Calculator.

<b>PEM1.3</b>	<b>Emergency medications required for facilities providing pediatric services are stocked on the emergency cart.</b> <i>Guidance: Medications must be in sufficient quantities to provide emergency care as outlined in the PALS algorithms. A dedicated pediatric emergency cart must stock all of these medications. Stocking these medications only on the class 1 adult emergency cart does not satisfy this requirement with the following exception: non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock these medications on a combined adult and pediatric emergency cart.</i>
PEM1.3.1	<b>M</b> Adenosine. <i>Guidance: Must be in sufficient quantity to provide emergency care as outlined in the PALS algorithms.</i>
PEM1.3.2	<b>M</b> Amiodarone. <i>Guidance: Must be in sufficient quantity to provide emergency care as outlined in the PALS algorithms.</i>
PEM1.3.3	<b>M</b> Atropine. <i>Guidance: Must be in sufficient quantity to provide emergency care as outlined in the PALS algorithms.</i>
PEM1.3.4	<b>M</b> Calcium chloride. <i>Guidance: Two (2) manufacturer pre-filled syringes of calcium chloride 10% 1g/10 mL are stocked on the cart.</i>
PEM1.3.5	<b>M</b> DiphenhydrAMINE. <i>Guidance: Two (2) vials of diphenhydramine 50 mg/mL are stocked on the cart.</i>
PEM1.3.6	<b>M</b> Ephedrine. <i>Guidance: A minimum of two (2) vials (50 mg/mL) totaling 100 mg are stocked on the cart.</i>
PEM1.3.7	<b>M</b> EPINEPHrine. <i>Guidance: Two (2) manufacturer pre-filled syringes of EPINEPHrine 1:10, 0000 10 mL are stocked on the cart.</i>
PEM1.3.8	<b>M</b> EPINEPHrine. <i>Guidance: Five (5) ampoules of EPINEPHrine 1:1000 1mg/mL are stocked on the cart.</i>
PEM1.3.9	<b>M</b> Flumazenil. <i>Guidance: Two (2) vials of flumazenil 0.5 mg/5 mL are stocked on the cart.</i>
PEM1.3.10	<b>M</b> Hydrocortisone. <i>Guidance: Two (2) vials of hydrocortisone 100 mg/2 mL are stocked on the cart.</i>
PEM1.3.11	<b>M</b> Lidocaine. <i>Guidance: Must be in sufficient quantity to provide emergency care as outlined in the PALS algorithms.</i>
PEM1.3.12	<b>M</b> Magnesium sulfate. <i>Guidance: One (1) vial of magnesium sulfate 2 g/10 mL is stocked on the cart.</i>
PEM1.3.13	<b>M</b> Naloxone. <i>Guidance: Two (2) vials of naloxone 2 mg/2 mL are stocked on the cart. Manufacturer pre-filled syringes are preferred.</i>

PEM1.3.14	<b>M</b>	Phenytoin. <i>Guidance: Two (2) vials of phenytoin 250 mg/5 mL are stocked on the cart.</i>
PEM1.3.15	<b>M</b>	Phenylephrine. <i>Guidance: A minimum of two (2) vials (10 mg/mL) totalling 20 mg are stocked on the cart.</i>
PEM1.3.16	<b>M</b>	Salbutamol puffer with spacer. <i>Guidance: One (1) multi-dose puffer of 100 mcg salbutamol per metered dose with spacer is stocked on the cart. Spacers are not to be used for more than one patient. Used spacers are discarded and replaced.</i>
PEM1.3.17	<b>M</b>	Sodium bicarbonate 8.4%. <i>Guidance: One (1) manufacturer pre-filled syringe of sodium bicarbonate 8.4% 50 mEq/50 mL is stocked on the cart.</i>
PEM1.3.18	<b>M</b>	Succinylcholine. <i>Guidance: The medication storage tray compartment for succinylcholine is labelled and redirects the team to the fridge where it is stored.</i>
<b>PEM1.4</b>		<b>Emergency airway equipment required for a facility providing pediatric services is located on the emergency cart.</b> <i>Guidance: The drawers of the cart should be stocked according to the Broselow pediatric resuscitation tape colour and according to function (i.e. medications, IV start/blood draw, IV fluids and tubing, miscellaneous). Non-hospital facilities providing pediatric services to children that weigh less than 24 kilograms are required to have a dedicated pediatric emergency cart in addition to a dedicated adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock their pediatric emergency supplies on a combined adult and pediatric emergency cart. Non-hospital facilities required to have a dedicated pediatric emergency cart may choose to stock the required orange drawer, green drawer and other supplies where indicated within the guidance notes on a combined adult and pediatric emergency cart.</i>
PEM1.4.1	<b>M</b>	Face masks. <i>Guidance: Face masks for bag-valve mask ventilation in a range of sizes appropriate to the patient population are stocked on the cart. Sizes vary between manufacturers and therefore are not specified. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock face masks for bag-valve mask ventilation in a range of sizes appropriate to the patient population on a combined adult and pediatric emergency cart.</i>
PEM1.4.2	<b>M</b>	Stylets 10 Fr. <i>Guidance: At minimum, two (2) 10 Fr pediatric stylets are stocked in the airway equipment drawer. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.3	<b>M</b>	Stylets 14 Fr. <i>Guidance: At minimum, two (2) 14 Fr adult stylets are stocked in the airway equipment drawer. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of two (2) 14 Fr stylets are required on a combined cart.</i>

PEM1.4.4	<b>M</b>	Laryngoscope handles – pediatric size. <i>Guidance: A minimum of two (2) functioning pediatric-size laryngoscopes are stocked on the cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.5	<b>M</b>	Laryngoscope handles – adult size. <i>Guidance: A minimum of two (2) functioning adult-size laryngoscopes are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of two (2) functioning adult size laryngoscopes are required on a combined cart.</i>
PEM1.4.6	<b>M</b>	Laryngoscope blade Miller straight # 2. <i>Guidance: This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.7	<b>M</b>	Laryngoscope blade Miller straight # 3. <i>Guidance: This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.8	<b>M</b>	Laryngoscope blade Mac curved # 2. <i>Guidance: This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.9	<b>M</b>	Laryngoscope blade Mac curved # 3. <i>Guidance: This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.10	<b>M</b>	ETT ties or tape. <i>Guidance: The ties and tape are single-use. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart.</i>
PEM1.4.11	<b>M</b>	Syringe 5 mL. <i>Guidance: This syringe is located in the airway management drawer for inflation of the airway tube. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.12	<b>M</b>	Magill forceps – pediatric size. <i>Guidance: This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.13	<b>M</b>	Magill forceps – adult size. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of one (1) adult-size Magill forceps is required on a combined cart.</i>



PEM1.4.14	<b>M</b>	Easy Cap CO <sub>2</sub> detector – pediatric size. <i>Guidance: This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.15	<b>M</b>	Easy Cap CO <sub>2</sub> detector – adult size. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide pediatric services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of one (1) adult size Easy Cap CO<sub>2</sub> detector is required on a combined cart.</i>
PEM1.4.16	<b>M</b>	Tonsil suction catheter – pediatric and/or adult size. <i>Guidance: At minimum, one (1) tonsil suction catheter (e.g. yankauer) is stocked on the cart in addition to the tonsil suction catheter attached to the portable suction. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart.</i>
PEM1.4.17	<b>M</b>	CICO kit – pediatric size. <i>Guidance: A “Cannot Intubate, Cannot Oxygenate” kit is stocked on the cart and contains the following supplies in two (2) separate kits: a cannula cricothyroidotomy/tracheotomy kit and a scalpel bougie kit. The cannula kit contains a 16G IV cannula, rapid O<sub>2</sub> insufflator with oxygen tubing, 5 mL syringe, and a 10 mL saline ampoule. The scalpel bougie kit contains a scalpel, a Cook Forva Intubating Introducer 8 Fr 35 cm (yellow with caude tip, stiffening cannula removed) with rapi-fit adaptor attached, a Cook Airway Exchange Catheter 11 Fr 83 cm (yellow without caude tip) with rapi-fit adaptor attached, cuffed ET tube size 4.0, cuffed ET tube size 5.0, and lubricant. The introducer, airway exchange catheter and ET tubes are to be stocked with their outer packaging removed. The introducer and airway exchange catheter have their respective adaptors attached. The two (2) separate kits are then packaged together in a labelled, clear plastic bag or container that is stocked on the cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.4.18	<b>M</b>	Cricothyrotomy set – adult size or scalpel bougie set. <i>Guidance: A cuffed cricothyrotomy set in a size appropriate to the facility’s patient population, or a disposable scalpel, bougie and 6.0 ET tube packaged together in a labelled, clear plastic bag or container is stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities that provide pediatric services only to children that weigh at minimum 24 kilograms may stock this item on a combined adult and pediatric emergency cart. A total of one (1) cricothyrotomy set or scalpel bougie set is required on a combined cart.</i>
<b>PEM1.5</b>		<b>Emergency equipment and supplies required for a 12 to 14-kilogram child are stocked on the emergency cart.</b> <i>Guidance: “Yellow Drawer” adapted from the Broselow pediatric resuscitation tape. These items are not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.5.1	<b>M</b>	ET tubes size 4.0 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.5.2	<b>M</b>	ET tubes size 4.0 uncuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>

PEM1.5.3	<b>M</b>	ET tubes size 4.5 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.5.4	<b>M</b>	ET tubes size 4.5 uncuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.5.5	<b>M</b>	Supraglottic airway device size 2.0.
PEM1.5.6	<b>M</b>	Oral airway size 60 mm. <i>Guidance: The oral airway is single-use.</i>
PEM1.5.7	<b>M</b>	Oral airway size 70 mm. <i>Guidance: The oral airway is single-use.</i>
PEM1.5.8	<b>M</b>	Tracheal suction catheters (soft) size 10 Fr. <i>Guidance: Two (2) tracheal suction catheters (soft) size 10 Fr are stocked on the cart.</i>
PEM1.5.9	<b>M</b>	Gastric tube size 10 Fr with anti-reflux valve.
PEM1.5.10	<b>M</b>	Foley catheter size 10 Fr.
PEM1.5.11	<b>M</b>	Foley catheter size 12 Fr.
<b>PEM1.6</b>		<b>Emergency equipment and supplies required for a 15 to 18-kilogram child are stocked on the emergency cart.</b> <i>Guidance: "White Drawer" adapted from the Broselow pediatric resuscitation tape. These items are not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.6.1	<b>M</b>	ET tubes size 4.5 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.6.2	<b>M</b>	ET tubes size 4.5 uncuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.6.3	<b>M</b>	ET tubes size 5.0 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.6.4	<b>M</b>	ET tubes size 5.0 uncuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.6.5	<b>M</b>	Supraglottic airway device size 2.0.
PEM1.6.6	<b>M</b>	Oral airway size 60 mm. <i>Guidance: The oral airway is single-use.</i>
PEM1.6.7	<b>M</b>	Oral airway size 70 mm. <i>Guidance: The oral airway is single-use.</i>

PEM1.6.8	<b>M</b>	Tracheal suction catheters (soft) size 10 Fr. <i>Guidance: Two (2) tracheal suction catheters (soft) size 10 Fr are stocked on the cart.</i>
PEM1.6.9	<b>M</b>	Gastric tube size 10 Fr with anti-reflux valve.
PEM1.6.10	<b>M</b>	Foley catheter size 10 Fr.
PEM1.6.11	<b>M</b>	Foley catheter size 12 Fr.
<b>PEM1.7</b>		<b>Emergency equipment and supplies required for a 19 to 23-kilogram child are stocked on the emergency cart.</b> <i>Guidance: "Blue Drawer" adapted from the Broselow pediatric resuscitation tape. These items are not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.7.1	<b>M</b>	ET tubes size 5.0 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.7.2	<b>M</b>	ET tubes size 5.0 uncuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.7.3	<b>M</b>	ET tubes size 5.5 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.7.4	<b>M</b>	ET tubes size 5.5 uncuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.7.5	<b>M</b>	Supraglottic airway device size 2.0.
PEM1.7.6	<b>M</b>	Supraglottic airway device size 2.5.
PEM1.7.7	<b>M</b>	Oral airway size 70 mm. <i>Guidance: The oral airway is single-use.</i>
PEM1.7.8	<b>M</b>	Tracheal suction catheters (soft) size 10 Fr. <i>Guidance: Two (2) tracheal suction catheters (soft) size 10 Fr are stocked on the cart.</i>
PEM1.7.9	<b>M</b>	Gastric tube size 12 Fr with anti-reflux valve.
PEM1.7.10	<b>M</b>	Foley catheter size 10 Fr.
PEM1.7.11	<b>M</b>	Foley catheter size 12 Fr.
<b>PEM1.8</b>		<b>Emergency equipment and supplies required for a 24 to 29-kilogram child are stocked on the emergency cart.</b> <i>Guidance: "Orange Drawer" adapted from the Broselow pediatric resuscitation tape. These items may be stocked on a combined pediatric and adult emergency cart.</i>
PEM1.8.1	<b>M</b>	ET tubes size 5.5 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>

PEM1.8.2	<b>M</b>	ET tubes size 5.5 uncuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart.</i>
PEM1.8.3	<b>M</b>	ET tubes size 6.0 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart. If stocked on a combined pediatric and adult emergency cart, there are a total of two (2) ET tubes size 6.</i>
PEM1.8.4	<b>M</b>	Supraglottic airway device size 2.5.
PEM1.8.5	<b>M</b>	Oral airway size 80 mm. <i>Guidance: The oral airway is single-use. If stocked on a combined pediatric and adult emergency cart, there is a total of one (1) oral airway size 80 mm (8 cm).</i>
PEM1.8.6	<b>M</b>	Tracheal suction catheters (soft) size 12 Fr. <i>Guidance: Two (2) tracheal suction catheters (soft) size 12 Fr are stocked on the cart. If stocked on a combined pediatric and adult emergency cart, there is a total of two (2) tracheal suction catheters size 12 Fr on the combined cart.</i>
PEM1.8.7	<b>M</b>	Gastric tube size 16 Fr with anti-reflux valve. <i>Guidance: If stocked on a combined pediatric and adult emergency cart, there are a total of two (2) 16 Fr gastric tubes with anti-reflux valves stocked on the combined cart.</i>
PEM1.8.8	<b>M</b>	Foley catheter size 10 Fr.
PEM1.8.9	<b>M</b>	Foley catheter size 12 Fr.
<b>PEM1.9</b>		<b>Emergency equipment and supplies required for a 30 to 36-kilogram child are stocked on the emergency cart.</b> <i>Guidance: "Green Drawer" adapted from the Broselow pediatric resuscitation tape. These items may be stocked on a combined pediatric and adult emergency cart.</i>
PEM1.9.1	<b>M</b>	ET tubes size 6.0 cuffed. <i>Guidance: Two (2) of each required size of ET tubes are stocked on the cart. If stocked on a combined pediatric and adult emergency cart, there are a total of two (2) ET tubes size 6 on the combined cart.</i>
PEM1.9.2	<b>M</b>	Supraglottic airway device size 3.0. <i>Guidance: If stocked on a combined pediatric and adult emergency cart, there is a total of one (1) supraglottic airway device size 3 on the combined cart.</i>
PEM1.9.3	<b>M</b>	Oral airway size 80 mm. <i>Guidance: The oral airway is single-use. If stocked on a combined pediatric and adult emergency cart, there is a total of one (1) oral airway size 80 mm (8 cm) on the combined cart.</i>
PEM1.9.4	<b>M</b>	Tracheal suction catheters (soft) size 12 Fr. <i>Guidance: Two (2) tracheal suction catheters (soft) size 12 Fr are stocked on the cart. If stocked on a combined pediatric and adult emergency cart, there are a total of two (2) tracheal suction catheters size 12 Fr on the combined cart.</i>

PEM1.9.5	<b>M</b>	Gastric tube size 16 Fr with anti-reflux valve. <i>Guidance: If stocked on a combined pediatric and adult emergency cart, there are a total of two (2) 16 Fr gastric tubes with anti-reflux valves stocked on the combined cart.</i>
PEM1.9.6	<b>M</b>	Foley catheter size 10 Fr.
PEM1.9.7	<b>M</b>	Foley catheter size 12 Fr.
<b>PEM1.10</b>		<b>IV and medication preparation equipment required for a facility providing pediatric services are stocked on the emergency cart.</b> <i>Guidance: The drawers of the cart should be stocked according to the Broselow pediatric resuscitation tape colour and according to function (i.e. medications, IV start/blood draw, IV fluids and tubing, miscellaneous). A dedicated pediatric emergency cart must stock all of the listed required IV and medication preparation equipment. Stocking these medications only on the class 1 adult emergency cart does not satisfy this requirement with the following exception: non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the listed IV and medication preparation equipment on a combined adult and pediatric emergency cart.</i>
PEM1.10.1	<b>M</b>	IV primary infusion tubing/administration sets. <i>Guidance: At minimum, two (2) micro-drip sets with access ports are located on the cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.10.2	<b>M</b>	IV infusion pump tubing/administration sets. <i>Guidance: At minimum, two sets (2) compatible with the IV infusion pump are stocked on the cart. If a syringe pump is used, two (2) syringes compatible with the syringe pump are also stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock IV primary infusion tubing/administration sets on their combined adult and pediatric emergency cart for a total of two (2) sets on the combined cart.</i>
PEM1.10.3	<b>M</b>	Normal saline. <i>Guidance: Any combination of 250 mL and 500 mL totalling one litre of normal saline is stocked on the cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock normal saline on their combined adult and pediatric emergency cart. A total of two liters of normal saline is stocked on the combined cart.</i>
PEM1.10.4	<b>M</b>	Minibags. <i>Guidance: Two (2) 100 mL normal saline minibags are stocked on the cart for a phenylephrine infusion. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock minibags on their combined adult and pediatric emergency cart. A total of two (2) minibags are stocked on the combined cart.</i>
PEM1.10.5	<b>M</b>	Tourniquet. <i>Guidance: At minimum, two (2) non-latex tourniquets are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the tourniquets on their combined adult and pediatric emergency cart. A total of two (2) tourniquets are stocked on the combined cart.</i>

PEM1.10.6	<b>M</b>	Alcohol swabs. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock alcohol swabs on the combined cart.</i>
PEM1.10.7	<b>M</b>	Intraosseous driver. <i>Guidance: The power driver is replaced if the LED blinks red when the trigger is activated indicating that only 10% battery life remains. The life expectancy will depend on actual usage, bone density, insertion time, storage conditions and frequency of driver testing. The intraosseous driver should be tested each day pediatric procedures are scheduled. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the intraosseous driver on the combined adult and pediatric emergency cart. A total of one (1) intraosseous driver is required on the combined cart.</i>
PEM1.10.8	<b>M</b>	Intraosseous needle 15 mm. <i>Guidance: At minimum, two (2) 15 mm needle kits with stabilizers are stocked on the cart for patients weighing between 6 and 85 lbs (3 to 38 kg). This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the intraosseous needles on a combined adult and pediatric emergency cart. A total of two (2) 15 mm intraosseous needles are stocked on the combined cart.</i>
PEM1.10.9	<b>M</b>	IV extension set with clamp. <i>Guidance: At minimum, two (2) extension sets are stocked on the cart if not supplied in the needle driver kit. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the IV extension sets with clamps on a combined adult and pediatric emergency cart. A total of two (2) IV extension sets with clamps are required on the combined cart.</i>
PEM1.10.10	<b>M</b>	IV cannula 20G. <i>Guidance: At minimum, two (2) 20G are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock IV cannulas on a combined adult and pediatric emergency cart. At minimum, a total of two IV cannulas in each size are stocked on the combined cart.</i>
PEM1.10.11	<b>M</b>	IV cannula 22G. <i>Guidance: At minimum, two (2) 22G are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock IV cannulas on a combined adult and pediatric emergency cart. At minimum, a total of two (2) IV cannulas in each size are stocked on the combined cart.</i>
PEM1.10.12	<b>M</b>	IV cannula 24G. <i>Guidance: At minimum, two (2) 24G are stocked on the cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>

PEM1.10.13	<b>M</b>	Butterfly needle 21G. <i>Guidance: At minimum, two (2) 21G are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock butterfly needles on a combined adult and pediatric emergency cart.</i>
PEM1.10.14	<b>M</b>	Butterfly needle 23G. <i>Guidance: At minimum, two (2) 23G are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock butterfly needles on their combined adult and pediatric emergency cart.</i>
PEM1.10.15	<b>M</b>	Butterfly needle 25G. <i>Guidance: At minimum, two (2) 25G are stocked on the cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.10.16	<b>M</b>	Small transparent dressings. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the small transparent dressings on a combined adult and pediatric emergency cart.</i>
PEM1.10.17	<b>M</b>	2x2 gauze. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the gauze on a combined adult and pediatric emergency cart.</i>
PEM1.10.18	<b>M</b>	Tape. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the tape on their combined adult and pediatric emergency cart.</i>
PEM1.10.19	<b>M</b>	Medication labels. <i>Guidance: Plain labels for labelling syringes and IV bags/minibags satisfy this requirement. The label must be large enough to clearly write the name of the medication and the dose/concentration of the medication. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the medication labels on their combined adult and pediatric emergency cart.</i>
PEM1.10.20	<b>M</b>	Normal saline 10 mL single-dose vials. <i>Guidance: At minimum, five (5) vials (10 mL) of non-bacteriostatic normal saline for the dilution of medication are stocked on the cart. Manufacturer pre-filled saline syringes (e.g. BD PosiFlush™) are not an appropriate substitute and are <b>not</b> to be used for the reconstitution or dilution of medication. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the normal saline single-dose vials on their combined adult and pediatric emergency cart. At minimum, a total of five (5) vials are stocked on the combined cart.</i>

PEM1.10.21	<b>M</b>	Syringes 10 mL. <i>Guidance: At minimum, three (3) are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the syringes on their combined adult and pediatric emergency cart. At minimum, 10 are stocked on the combined cart in accordance with the class 1 requirements.</i>
PEM1.10.22	<b>M</b>	Syringes 3 mL. <i>Guidance: At minimum, three (3) are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the syringes on their combined adult and pediatric emergency cart. At minimum, a total of three (3) 3 mL syringes are stocked on the combined cart.</i>
PEM1.10.23	<b>M</b>	Needles. <i>Guidance: Various sizes of needles are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the needles on their combined adult and pediatric emergency cart.</i>
PEM1.10.24	<b>M</b>	Arm boards. <i>Guidance: Pediatric and adult arm boards are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the arm boards on their combined adult and pediatric emergency cart.</i>
PEM1.10.25	<b>M</b>	Cling gauze. <i>Guidance: Cling gauze may be used to cover the IV site and secure the child's arm to the arm board. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the cling gauze on their combined adult and pediatric emergency cart.</i>
<b>PEM1.11</b>		<b>Additional supplies required for a facility providing pediatric services are stocked on the emergency cart.</b> <i>Guidance: The drawers of the cart should be stocked according to the Broselow pediatric resuscitation tape colour and according to function (i.e. medications, IV start/blood draw, IV fluids and tubing, miscellaneous).</i>
PEM1.11.1	<b>M</b>	Lubricant. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the lubricant on their combined adult and pediatric emergency cart.</i>
PEM1.11.2	<b>M</b>	Catheter tip syringe 60 mL. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the catheter tip syringe on their combined adult and pediatric emergency cart. A total of one (1) catheter tip syringe is required on the combined cart.</i>



PEM1.11.3	<b>M</b>	Suction tubing. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the suction tubing on their combined adult and pediatric emergency cart. A total of one (1) suction tubing is required on the combined cart.</i>
PEM1.11.4	<b>M</b>	Sterile gloves. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the sterile gloves on their combined adult and pediatric emergency cart.</i>
PEM1.11.5	<b>M</b>	Scissors. <i>Guidance: Medical emergency scissors, also known as EMT bandage shears or survival shears, are stocked on the cart. These scissors are designed to provide powerful cutting ability and have a flat end to get safely under fabric (e.g. clothing, bandages). This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the scissors on their combined adult and pediatric emergency cart.</i>
PEM1.11.6	<b>M</b>	Pen light. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the penlight on their combined adult and pediatric emergency cart.</i>
PEM1.11.7	<b>M</b>	Sharps container. <i>Guidance: The sharps container should be located on the top of the cart or attached to the side of the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the sharps container on the combined adult and pediatric emergency cart.</i>
PEM1.11.8	<b>M</b>	Pressure bag. <i>Guidance: This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the pressure bag on their combined adult and pediatric emergency cart for a total of one (1) pressure bag.</i>
PEM1.11.9	<b>M</b>	Non-rebreather oxygen mask or Jackson-Reese T-Piece device – pediatric size. <i>Guidance: At minimum, two (2) are stocked on the cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.11.10	<b>M</b>	Non-rebreather oxygen mask – adult size. <i>Guidance: At minimum, two (2) are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the non-rebreather oxygen masks on the combined adult and pediatric emergency cart. A total of two (2) adult-size non-rebreather oxygen masks are required on a combined cart.</i>

PEM1.11.11	<b>M</b>	Simple oxygen mask – pediatric size. <i>Guidance: At minimum, two (2) are stocked on the cart. This item is not required if the non-hospital facility provides pediatric services only to children that weigh at minimum 24 kilograms.</i>
PEM1.11.12	<b>M</b>	Simple oxygen mask – adult size. <i>Guidance: At minimum, two (2) are stocked on the cart. This item is required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the adult-size simple oxygen mask on their combined adult and pediatric emergency cart. A total of two (2) adult-size simple oxygen masks are required on a combined cart.</i>
PEM1.11.13	<b>M</b>	Blood pressure equipment including cuffs. <i>Guidance: The blood pressure equipment is dedicated to the emergency cart (i.e. not used for routine pre/post-operative assessment and then returned to the cart when not in use). A child (green) blood pressure cuff and a small adult (turquoise) blood pressure cuff are stocked on the cart. These items are required on the dedicated pediatric emergency cart in addition to the adult emergency cart. Non-hospital facilities providing pediatric services only to children that weigh at minimum 24 kilograms may stock the blood pressure equipment including cuffs on their combined adult and pediatric emergency cart.</i>
PEM1.11.14	<b>M</b>	Intravenous pump. <i>Guidance: There must be an intravenous pump readily available within the facility. A syringe pump would also satisfy this requirement.</i>



## NON-HOSPITAL MEDICAL AND SURGICAL FACILITIES ACCREDITATION PROGRAM

# Accreditation Standards Pediatric Emergency Cart

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