

Yale SCHOOL OF MEDICINE

Yale  
NewHaven  
**Health**  
Yale New Haven  
Children's Hospital

# Children's Health System Pediatric Resuscitation Carts

# The Joint Commission Advisory on Safety & Quality

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Contributing factors to patient safety events related to crash carts include, but are not limited to:

- Medication errors and mix-ups
- Missing, expired, damaged, contaminated, and unavailable equipment or medications
- Drained batteries on equipment or equipment failure
- Unsecured carts or carts that have been tampered with
- Carts secured with heavy duty tape and/or padlocks, preventing immediate access
- Incorrect size of equipment
- Staff is unable to locate the crash cart, resulting in a delay getting emergency equipment to the bedside
- Staff is unfamiliar with the items regularly stored within the crash cart
- Staff is unfamiliar with the procedures for using the crash cart when responding to a life-threatening emergency
- Staff is unfamiliar with procedures regarding how to stock or restock the crash cart

Some of these issues may appear minor, but alone or in combination, they may produce delays in providing care, thereby creating a patient safety risk. By improving the efficiency and reliability of the crash cart, and preventing unnecessary delays, you can improve patient outcomes following a crisis event.

# Pediatric Resuscitation Carts



Systemwide standardization in 2023



Weight-based, color-coded cart and supplies



Easily differentiated from Adult Resuscitation Carts

# Pediatric Resuscitation Carts



A1	A2	A3	A4
<ul style="list-style-type: none"> <li>i. EZ-IO Driver</li> <li>ii. IV catheters</li> </ul>	Prefilled saline flushes	<ul style="list-style-type: none"> <li>i. Dispensing spikes</li> <li>ii. Larger syringes</li> </ul>	<ul style="list-style-type: none"> <li>i. CHG wipes</li> <li>ii. IV securement</li> <li>iii. PALS card</li> <li>iv. Butterflies</li> </ul>

B1	B2	B3	B4	B5
1mL syringes	3mL syringes	5mL syringes	10mL syringes	<ul style="list-style-type: none"> <li>i. Luer-to-Luer RapidFill</li> <li>ii. Blunt needles</li> <li>iii. Stopcocks</li> <li>iv. Syringe dead-end caps</li> </ul>

# Pediatric Resuscitation Carts



**Top Drawer (Not Weight-Specific):**  
Medication Tray

**Each Weight-Specific Drawer:**

Left Tray

Oro-/Nasopharyngeal Airways  
Conventional Nasal Cannula  
Direct Laryngoscopy Equipment  
Endotracheal Tubes  
Quantitative EtCO<sub>2</sub>  
Nasogastric Tubes

Right Tray

Laryngeal Mask Airway  
Chimney Valve Suction  
IV Access Equipment  
IV Securement

**Bottom Drawer (Not Weight-Specific):**

Bag Valve Masks  
Anchor Fast  
Intubation Bougies

IV Infusion Drip Sets  
Crystalloid Fluids  
IV Pressure Bags

Viral Filter  
PEEP Valve  
Bleeding Control Tourniquet

# Pediatric Resuscitation Carts

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## To Exchange Carts

- 1 Wipe down and return EZ-IO driver to bin A1
- 2 Secure medication tray with pharmacy lock
- 3 At YSC & SRC, request cart exchange through Service Response Center