

Paediatric resuscitation trolley minimum equipment list

This lists the minimum equipment recommended to be immediately available on a paediatric resuscitation trolley for all infants and children. It aims to facilitate best practice during resuscitation attempts.

Side of trolley
Self-inflating bag-valve-mask (BVM): “child” with size 1-2 clear face mask
Self-inflating BVM: “adult” with size 4-5 clear face mask
Portable oxygen cylinder with flow meter and tap attached to side
Suction available with tubing and paediatric yankeur sucker
Sharps bin
Paediatric stethoscope
Broselow™ Paediatric Emergency Tape (2019 version)
On top of trolley
Resuscitation charts and paediatric advanced life support algorithms (e.g. ANZCOR 2023)
NETS Clinical Calculator (Optional) calculator.nets.org.au/ClinCalcMenu.php
Defibrillator or known location of defibrillator
Location of Difficult Airway Tray or Trolley
Top drawer
Drug dosage handbooks, e.g. <i>Frank Shann Drug Doses</i> (2017) or <i>Monash Paediatric Emergency Medication Book</i> (2018 Ed 2)
Pharmacy pack – see facility recommended resuscitation medication and fluid list
Drug labels
Calculator
Adhesive tape: ½ inch and 1 inch brown Leukoplast tape
White cotton (trache) tape: 1 metre length
Hydrocolloid dressing: 1 sheet

Pen torch
Tongue depressor x 1
Scissors
Airway equipment
Endotracheal tube (ETT) uncuffed x 1 each size 2.5, 3.0, 3.5, 4.0, 4.5
ETT cuffed x1 each size 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0
Paediatric cuff manometer OR AG Cuffill device for cuffed ETTs
ETT suction catheters: 6 FG x 1, 8 FG x 1, 10 FG x 1, 12 FG x 1
Clear face masks 00, 0, 1, 2, 3, 4
Oropharyngeal airway 00 and 0 (40mm - 60mm), 1 (70mm), 2 (80-90mm) and 3 (100mm - 110mm)
Tongue depressor
LMA Supreme Airway OR i-gel® 1 each of size: 1, 1.5, 2, 2.5, and 3
Laryngoscope handle
Laryngoscope blades: straight sizes 0, 1, 2, 3 and curved sizes 1, 2, 3
Magill's forceps – neonatal and paediatric
ETT introducers size small and medium
Lubricating jelly
Paediatric colorimetric CO ₂ detector 1kg-15kg Adult colorimetric CO ₂ detector >15kg
IV cannulation equipment
22G, 24G, 20G, 18G and 16G cannula x 2 each
Extension tube x 3
Paediatric Tegaderm
Alcohol wipes x 2
3-way tap x 2
Syringes: 3mL, 5mL, 10mL x 1 each

0.9% sodium chloride 10mL x 3
Neonatal arm board x 1, infant arm board x1 and paediatric arm board
Intraosseous equipment
Alcohol swabs x 6
Intraosseous needle or EZ IO drill with various sized needles: pink x 2, blue x 2 and yellow x 2
3-way taps x 2
Syringe: 50mL (Luer lock) x 1
Syringe: 20mL (Luer lock) x1
Umbilical catheter placement kit (optional)
Umbilical catheter single lumen 3.5 FG (optional)
Gastric tube insertion equipment
8FG, 10G, 12G and 14G gastric tube x 1 each
20mL syringe
Free drainage bag/ container
pH indicator strips (0.5 increments)
Bottom drawer
Needle thoracocentesis pack: 14G, 16G cannula, 3-way tap, 20mL syringe, Paediatric Tegaderm x 2, alcohol wipes
ECG dots
5% glucose 250mL x 1
*10% glucose 1L x 1
*0.9% sodium chloride 1L x 1
*Burette/pump giving set x 1
Transfusion pump set x 1
Syringes: Luer lock 50mL x 2
3-way taps x 2
Drawing up needles (blunt 18g) x 20

Batteries for laryngoscopes. Spare AA and C batteries
Oxygen saturation probes: infant and child
Tourniquet
Defibrillation pads: paediatric size and adult size x 1 each

Colour code
<p>Orange* text: Signifies item must be immediately available in department</p> <p>Grey text: Signifies optional item – to be determined by local health districts (LHD) for each facility</p>

Additional items for consideration by LHD sites

- 20% mannitol 500mL IV bag x1
- 3% sodium chloride 1000mL IV bag x1
- Nasopharyngeal airways

ETT cuff inflation and cuff pressure measurement

Where cuffed ETTs are used and the cuff is inflated, cuff pressure should be measured and maintained between 5 and 15cm H₂O, or in older children, up to 20cm H₂O.

There are two devices that can be used:

- paediatric cuff manometer - [NETS Guideline](#)
- [AG Cuffill device](#) – syringe for cuff inflation that incorporates digital cuff measurement.

For information on how to use these devices, please use the links above to access detailed information.