

Broselow™ style paediatric resuscitation trolley minimum equipment list

This lists the minimum equipment recommended to be immediately available on a paediatric resuscitation trolley (Broselow™ style) for all infants, children and small adults. 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 1
Drug dosage handbooks or resources, 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
Laryngoscope handle
Laryngoscope blades: straight size 0, 1, 2, 3 and curved sizes 1, 2, 3

Paediatric cuff manometer OR AG Cuffill device for cuffed endotracheal tubes
Magill's forceps – neonatal and paediatric
Endotracheal tube (ETT) introducers size small and medium
Lubricating jelly
Adhesive tape: ½ inch and 1 inch brown Leukoplast tape
White cotton (trache) tape: 1 metre length
Paediatric Colorimetric CO ₂ detector 1kg-15kg Adult Colorimetric CO ₂ detector >15kg
Hydrocolloid dressing: 1 sheet
Pen torch
Tongue depressor x 1
Scissors
pH indicator strips (0.5 increments)
Bottom drawer OR Drawer 2
Needle thoracocentesis pack: 14G, 16G cannulae, 3-way tap, 20mL syringe, Opsite dressing x 2, alcohol wipes
ECG dots
*5% glucose 250mL x1
*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 tap 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
Intraosseous pack (sealed)
Alcohol swabs x 6
Intraosseous needle or EZ IO drill with various sized needles: pink x 2, blue x 2, yellow x 2
3-way tap x 2
Syringe: 50mL (Luer lock) x 1
Syringe: 20mL (Luer lock) x1
Syringe: 5mL (Luer lock) x1
Drawer 2 Infant less than 10kg
Endotracheal tube pack (sealed)
ETT uncuffed x 1 each sizes 2.5, 3.0, 3.5, 4.0
Paediatric cuffed ETT 3.0, 3.5 x 1 each
ETT suction catheters: 6 FG x1, 8 FG x1
Loose in pink/red drawer
Clear face masks sizes 00, 0, 1
Oropharyngeal airway 00 and 0 (40mm - 60mm)
Tongue depressor
LMA Supreme Airway OR i-gel®, size 1 and 1.5
ETT suction catheter size 6FG x 1, 8FG x1
Umbilical catheter placement kit (optional)
Umbilical catheter single lumen 3.5 FG (optional)
Intravenous (IV) cannulation pack (sealed)
22G, 24G cannulae x 1 each
Extension tube x 1
Paediatric Tegaderm
Alcohol wipes x 2
3-way tap x 2

Syringes: 3mL, 5mL x 1 each
0.9% sodium chloride 10mL x 1
Neonatal arm board x 1, Infant arm board x 1
Gastric tube insertion pack (sealed)
8FG gastric tube
20mL syringe
Free drainage bag or container
Drawer 3 – small child 10 to 11kg
Endotracheal tube pack (sealed)
ETT uncuffed tube size 4.0 x 1
Paediatric cuffed ETT 3.5 x 1 and 2.5 mL syringe
ETT suction catheter 6FG x1, 8FG x 1
Loose in drawer 3
Clear face mask size 2
Oropharyngeal airway 1 (70mm)
Tongue depressor
LMA Supreme Airway OR i-gel®, size 2
Suction catheter size 6FG x 1, 8FG x 1
IV cannulation pack (sealed)
22G, 24G cannulae x 1 each
Extension tube x 2
Paediatric Tegaderm
Syringes: 3mL, 5mL and 10mL x 1 each
0.9% sodium chloride amp 10mL x 1
3-way tap x 1
Infant arm board x 1
Gastric tube insertion pack (sealed)

8FG gastric tube
20mL syringe
Free drainage bag or container
Drawer 4 – small child 12 to 15kg
Endotracheal tube pack (sealed)
ETT uncuffed size 4.5 x 1
Paediatric cuffed ETT 4.0 x1 and 5mL syringe
ETT suction catheter 8FG x 1
Loose in drawer
Clear face mask size 2
Oropharyngeal airway: size 1 (70mm)
Tongue depressor
LMA Supreme Airway OR i-gel®, size 2
Suction catheter size 8FG x 1
IV cannulation pack (sealed)
24G, 22G, 20G cannula x 1 each
Extension tube x 1
Paediatric Tegaderm
Syringes: 3mL, 5mL, 10mL x 1 each
0.9% sodium chloride 10mL amp x 1
3-way tap x 1
Infant arm board x 1
Gastric tube insertion pack (sealed)
10FG gastric tube
50mL catheter tip syringe
Free drainage bag or container

Drawer 5 – child 16 to 18kg
Endotracheal tube pack (sealed)
Paediatric ETT cuffed tube size 4.5
ETT suction catheter 8FG x 1
5mL syringe x 1
Loose in drawer
Oropharyngeal airway size 1 (70mm)
Clear face masks sizes 2 and 3
Tongue depressor
LMA Supreme Airway OR i-gel®, size 2
Suction catheter size 8FG x 1, 10FG x 1
IV cannulation pack (sealed)
22G, 20G, 18G cannula x 1
Extension tube x 1
Paediatric Tegaderm
Syringes: 3mL, 5mL, 10mL x 1 each
0.9% sodium chloride 10mL amp x 1
3-way tap x 1
Paediatric arm board x 1
Oro or nasogastric insertion pack (sealed)
10 FG gastric tube
50mL catheter tip syringe
Free drainage bag or container
Drawer 6 – child 19 to 23kg
Endotracheal tube pack (sealed)
Paediatric ETT cuffed tubes size 5.0, 5.5
ETT suction catheter 10FG x 1

Syringe 10mL x 1
Loose in drawer
Clear face masks sizes 2 and 3
Oropharyngeal airway size 2 (80-90mm)
Tongue depressor
LMA Supreme Airway OR i-gel®, size 2.5
Suction catheter size 8FG x 1, 10FG x 1
IV cannulation pack (sealed)
22G, 20G, 18G cannula x 1 each
Paediatric Tegaderm
Syringes: 3mL, 5mL, 10mL x 1 each
0.9% sodium chloride 10mL amp x 1
3-way tap x 1
Extension tube x 1
Paediatric arm board x 1
Gastric tube insertion pack (sealed)
10 FG gastric tube
50mL catheter tip syringe
Free drainage bag or container
Drawer 7 – small adult 24 to 28kg
Endotracheal tube pack (sealed)
Paediatric ETT cuffed tube size 5.5, 6.0
ETT suction catheter 10FG
Syringe 10mL x 1

Loose in drawer
Clear face mask size 3
Oropharyngeal airway size 3 (80-90mm)
Tongue depressor
LMA Supreme Airway OR i-gel®, size 2.5
Suction catheter size 10FG x 1, 12FG x1
IV cannulation pack (sealed)
22G, 20G, 18G cannula x 1 each
Extension tube x 1
Paediatric Tegaderm
Syringes: 3mL, 5mL, 10mL x 1 each
0.9% sodium chloride 10mL amp x 1
3-way tap x 1
Paediatric arm board x 1
Gastric tube insertion pack (sealed)
12FG, 14FG gastric tubes
Syringe 50mL catheter tip
Free drainage bag or container
Drawer 8 – small adult 30 to 40kg
ETT cuffed tubes size 6.5, 7.0
ETT suction catheter 12G x 1
Syringe 10mL x 1
Loose in drawer
Clear face mask size 4
Oropharyngeal airway size 3 (80-90mm)
Tongue depressor
LMA Supreme Airway OR i-gel®, size 3

Suction catheter size 12FG x 1
IV cannulation pack (sealed)
20G, 18G, 16G cannula x 1 each
Extension tube x 1
Paediatric Tegaderm
Syringes: 3mL, 5mL, 10mL x 1 each
0.9% sodium chloride 10mL amp x 1
3-way tap x 1
Paediatric arm board x 1
Gastric tube insertion pack (sealed)
12FG, 14FG gastric tubes x 1 each
Syringe 50mL catheter tip
Free drainage bag or container

Colour code

Orange* text: Signifies item must be immediately available in department

Grey text: Signifies optional item – to be determined by local health districts (LHD) for each facility

Additional items for consideration by LHD sites

- 20% mannitol 500mL IV bag x 1
- 3% sodium chloride 1000mL IV bag x 1
- 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.