



CLINICAL PRACTICE GUIDELINE

# Resuscitation trolley checking and equipment (adult & neonatal)

This document should be read in conjunction with this [Disclaimer](#)

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# Resuscitation trolley (adult)

## Aim

- To ensure that all minimum requirements for adult resuscitation equipment are met in line with the Australian Resuscitation Council.

## Key points

1. The resuscitation trolley and defibrillator should be checked weekly (or sooner if the seal is broken) by a Registered Nurse / Midwife, Enrolled Nurse or Anaesthetic Technician. The person who carried out the check should record and sign this in the record on the trolley.
2. All nurses and midwives should be orientated to checking the resuscitation trolley in their work area.
3. All defibrillators should be checked according to the manufacturer's directions.
4. The oxygen cylinder must be at least  $\frac{3}{4}$  full.
5. A checklist should be attached to the trolley at all times.
6. The trolley should not have additional unnecessary equipment.
7. Trolley contents should be rechecked after each use.

The following tables list the contents that must be on all adult resuscitation trolleys in the Obstetrics and Gynaecology Directorate.

Critical areas e.g. ASCU, operating theatre, PACU and Emergency Centre may have extra equipment and supplies but should have the contents listed in this document as a minimum.

ASCU, Clinics (EWC, WWC, Centenary, Diabetes), Labour and Birth Suite, MFAU, DSU, FBC, Ward 3, 4, 5, Ultrasound, MRI

### **Trolley details**

- All drawers clearly labelled
- Laminated resuscitation guidelines and inventory chained to side of trolley
- Small disposable sharps container fixed to side of trolley (not to be used outside of emergencies)
- 1x 1 litre pressure bag and 1x 500mL pressure bag hanging from IV pole
- 1x Adult stethoscope hanging from IV pole
- Oxygen cylinder with suction/regulator on right hand side of trolley, turned off when not in use (suction tubing and Yankaur sucker attached)
- Adult Ambu bag hanging from IV pole with size 3 and 4 facemask secured to right hand side of the trolley (Ambu bag connected to O2 cylinder)
- Bougie (Frova Intubating Catheter) attached to right hand side of trolley
- Clipboard, pen and MR 302 on trolley surface or attached to side
- AED kept on top of or attached to side of trolley. AED not to be stored in drawers.

### **First drawer – airway**

- Fibre-optic Laryngoscope (green handle) and two size 3 blades
- ET tubes sizes 6, 7 and 8
- Size 4 LMA
- Size 3 IGel x 1
- Size 4 IGel x1
- Sealed 20mL and 10mL syringe for cuff inflation
- KY lubricant x 4 packets
- Naso-pharyngeal airways (safety pin in packet) size 6 and 7
- Oro-pharyngeal airways sizes 3 (Green) 4 (yellow) and 5 (Red) x1 each
- Yankaur suckers x 2
- ET suction catheters sizes 12fg and 14 fg x2 each
- Half inch leukosilk tape and 1 transpore tape
- Scissors (loose, no chain)
- Disposable catheter mount in packet

## Second drawer – IV access

- Ported IV safety cannulae 14g,16g, 20g, 22g x 6 of each
- Needles – 30g x 5, 21g x 5, 19g x 5, 18g blunt x 5 (can be safety needles)
- Syringes – 20mL x 4, 10mL x 10, 5mL x 10
- Smart site needle free IV bungs x 6
- Red IV bungs x 6
- Tourniquets (disposable) x 2
- Tegaderm IV dressings x 6
- Toilet seat dressings x 6
- Triple v sets x 3
- Alcohol wipes
- Sterile gauze x 6 packs

## Third drawer – medications

- Sealed resus container supplied by pharmacy
- Sealed eclamptic container supplied by pharmacy
- One Sodium bicarbonate 8.4% (100mmol) with air inlet (or 19g) needle
- Glucose 5% **non PVC bag** 250ml x 1- Supplied by pharmacy. **For administration of slow bolus Amiodarone 300mg in 20mls Glucose 5% during cardiac arrest, after 3<sup>rd</sup> shock.**
- Glucose 5% (500ml) x 1 - **For administration of Amiodarone 300mg in 20mls (dilute with Glucose 5%) over 24 hours infusion after the bolus dose**
- Glucose 10% (1000ml) x1 - **For treatment of hypoglycaemia, as per insulin infusion protocol (MR 265.02 and 265.01)**
- Lidocaine (Lignocaine) 1% in 5mL x 5 amps
- Saline 0.9% 10mL x 10amps
- Laminated Adult Resuscitation Drug Protocols, zip tied together:
 

Adenosine	Calcium Gluconate	Metaraminol
Adrenaline	Ephedrine Sulphate	Midazolam
Amiodarone	Flumazenil	Naloxone
Atropine Sulphate	Glucose 50%	Salbutamol
Calcium Chloride	Magnesium Sulphate	Sodium Bicarbonate

## Fourth drawer – IV fluids

- Saline 0.9% (1 litre) x1
- Hartmann's solution (1 litre) x1
- Giving sets x2 hand pump sets, x1 plain giving set, x1 primary volumetric set

### **Fifth drawer – miscellaneous**

- Blood tubes (x2 of each type)
- Blood gas syringes x 3
- Pathology request forms
- Gloves, 1 packet each of small medium and large
- Peri-mortem C/S Pack
- Size 6,7, and 8 sterile gloves (latex free)
- Hudson masks and tubing x 2
- Spare ambubag
- 2 pairs protective eyewear
- N95/P2 respirator: Small x 5 & Medium x 5. Contact Clinical Product Advisor for replacements. (In EC, ASCU, LBS, Ward 3,4,5,6 only)

### **Ward 6 and PACU**

As per full list above **except** does **NOT** require:

**Third drawer:** Sealed eclamptic container

**Fifth drawer**

- Perimortem C/S pack
- Size 6,7, and 8 sterile gloves (latex free)

**Note-** PACU trolley also does not require AED

### **Emergency Centre**

**Third drawer:** Add Glyceryl Trinitrate (GTN) Pump spray 400 mcg x 1 (single use)

**Fourth drawer:** Add EZ-IO – Yellow case containing Intra-Osseous Gun

### **Theatre trolley**

**Third drawer:**

- **Add** Glyceryl Trinitrate (GTN) Pump spray 400 mcg x 1 (single use)
- **Add** Intralipid in light protected bag

**Fourth drawer:**

- **Add** EZ-IO – Yellow case containing Intra-Osseous Gun
- **Add** Glucometer and test strips

**Bottom drawer**

- **Add** extra adult defib pads
- **Add** LED torch

# Resuscitation trolley (neonatal)

## Aim

- To ensure that all minimum requirements for neonatal resuscitation equipment are met in line with the Australian Resuscitation Council.

## Key points

1. The resuscitation trolley should be checked **each shift** by a Registered Nurse / Midwife or Enrolled Nurse and the status of checking should be communicated at handover of each shift [**RCA recommendation Feb 2019**]. The person who carried out the check should record and sign this in the record on the trolley.
2. When checking the equipment, expiry dates must also be checked.
3. All equipment that has expired or is close to its expiry date must be replaced immediately.
4. All nurses / midwives should be orientated to checking the neonatal resuscitation trolley in their work area.
5. In areas that are closed over weekends e.g. clinics, trolleys should be checked at the start of the next day it re-opens for patient care.
6. All defibrillators should be checked according to the manufacturer's directions.
7. The oxygen cylinder must be at least  $\frac{3}{4}$  full. They should be replaced at 10,000kpa.
8. A checklist should be attached to the trolley at all times.
9. The trolley should not have additional unnecessary equipment.
10. Trolley contents should be rechecked after each use.
11. Note:
  - check cot daily and wipe with hospital grade disinfectant
  - areas without blenders do not require air cylinder

## Neonatal trolley contents list

Contents	Number
Neopuff with neopuff circuit and mask	1
Oxygen Cylinder -size C with twin-o-vac suction unit	1
High Flow oxygen meter	1
Suction tubing with fg10 suction catheter	1
Blender	1
Air Cylinder – size C	1
Stethoscope - paediatric	1
Alcohol gel	1
Sharps container	1
Neonatal Basic Resus kit <ul style="list-style-type: none"> <li>• Laryngoscope handle</li> <li>• Laryngoscope Blade size 0 + 1</li> <li>• Ett size 2.0, 2.5, 3.0, 3.5 + 4.0</li> <li>• Introducer size 2.0</li> <li>• Cord clamp</li> <li>• Meconium aspirator</li> <li>• Feeding tube size fg 8</li> <li>• Feeding tube size fg 6 (to replace oxygen catheter)</li> <li>• 10ml enteral syringe</li> <li>• Pedicap</li> <li>• Adrenaline 1:10000 (1mg in 10mL)</li> <li>• 3mL syringe</li> <li>• 10mL syringe</li> <li>• drawing up needle</li> <li>• Ett strapping kit -               <ul style="list-style-type: none"> <li>➤ Leukoplast cut to size: &gt;30wk and term</li> <li>➤ Silk tie (size2 silk)</li> <li>➤ Comfeel x 2</li> <li>➤ Skin prep swabs x1</li> </ul> </li> </ul>	2 (1 on shelf 1 in drawer 2)
Chlorhexidine 1% wipes	5
Laerdal Facial masks - size:00, 0/1 and 2	1 ea

Contents	Number
Laryngoscope globes	2
Meconium Aspirators	2
Introducers size 2.0	2
Batteries size AA	2
Disposable sterile scissors	2
<b>Sealed pharmacy box (supplied by pharmacy)</b> <ul style="list-style-type: none"> <li>• Naloxone 400microgram.mL x2</li> <li>• Adrenaline 1:10 000 in 10mL x2</li> <li>• Sodium Bicarbonate 840mg in 10mL – 100mL bottle x1</li> </ul>	1
Normal saline 0.9% 10mL	6
Magill's forceps (small, medium)	1ea
Syringes (2ml, 10mL, 20mL)	3ea
Blood gas syringes	6
Pulse oximeter (including probe & cable)	1
Fixation device for O2 sensor	3
Suction catheter fg10	2
Yellow top sterile container	1
Safety goggles	2
Self-inflating bag + mask with Peep attachment with oxygen tubing	1
Spare Neopuff circuit	1
<b>Pneumothorax kit (supplied by each area)</b> <ul style="list-style-type: none"> <li>• 10ml syringe x 2</li> <li>• 3 way tap x 2</li> <li>• 21g butterfly x 2</li> <li>• 20g x 30mm cannula x 2</li> <li>• Chlorhexidine 1% wipe x 2</li> <li>• pen light torch x 1</li> <li>• Short extension tube</li> </ul>	1
<b>UVC kit (supplied by SCN)</b> <ul style="list-style-type: none"> <li>• Umbilical catheter 3.5fg + 5.0fg x 2</li> <li>• 3 way tap x 2</li> <li>• 3.0 suture x 2</li> <li>• 2ml syringe x 2</li> </ul>	1



Contents	Number
<ul style="list-style-type: none"> <li>• Chlorhexidine 1% swab sticks x 2</li> <li>• Providine-iodine swabs x 2</li> <li>• Pre-filled Normal Saline 0.9% Syringe 10mL x 4</li> <li>• Disposable Instrument set x 1</li> <li>• Umbilical tape</li> <li>• Gauze x 1</li> </ul>	
<b>Neonatal Resuscitation Extras box</b>	
Airways (000, 00, 0)	1ea
Blood culture bottles - paediatric	2
Paediatric blood tubes (Purple, Green, Chromosomes)	2ea
Yellow top sterile container	2
Intravenous cannula – 20g	3

## References and resources

Australian Resuscitation Council. [The ARC Guidelines \(external website\)](#)

- ANZCOR Guideline 13.1 – Introduction to Resuscitation of the Newborn Infant (2018) (section 5.1 Recommended equipment and drugs)




## Related legislation and policies

Department of Health MP 0086/18: [Recognising and Responding to Acute Deterioration Policy](#)

## Related WNHS policies, procedures and guidelines

WNHS Policy: [Recognising and Responding to Acute Physiological \(Clinical\) Deterioration](#)

Obstetrics & Gynaecology guideline: [Acute Deterioration: Resuscitation and Life Support](#)

Keywords:	resuscitation trolley, checking, defibrillator, adult, neonatal, resuscitation, checking, resusc, equipment		
Document owner:	Obstetrics and Gynaecology Directorate		
Author / Reviewer:	Anaesthetics; SCN Equipment Nurse; Resuscitation Sub-committee		
Date first issued:	Nov 2018 (v1.0)	Version:	2.0
Reviewed dates:	Feb 2019 (v1.2: amendment- check neonatal trolley each shift); March 2019 (v1.3- Minor amendments; Nov 2019 (v1.4- PACU trolley contents amended); <b>August 2020</b> (v2.0)- amendments- brand 'plum pump' changed to 'volumetric pump', masks for airborne precautions added, added GTN, intralipid and glucometer to relevant trolleys	Next review date:	August 2023
Supersedes:	<p><b>Supersedes:</b></p> <ol style="list-style-type: none"> <li>1. In August 2020, Version 2.0 supersedes v1.4 (dated Nov 2019)</li> <li>2. Version 1.3 dated as reviewed Mar 2019</li> <li>3. Version 1.2 dated Feb 2019 (Neonatal amendment (v1.2 RCA rec p.6))</li> <li>4. Version 1.0 dated Nov 2018</li> </ol> <p><b>History:</b> In Nov 2018 amalgamated two individual guidelines on resuscitation trolley equipment checking dating from Sept 2016.</p> <ol style="list-style-type: none"> <li>1. Resuscitation Trolley (Adult) Equipment and Checking (dated Nov 2016)</li> <li>2. Resuscitation Trolley (Neonatal) Equipment and Checking (dated Sept 2016)</li> </ol>		
Endorsed by:	Chair of Resuscitation Sub-Committee (v2.0) PSMSC (v2.0) Obstetrics & Gynaecology Directorate Management Committee (v2.0) [OOS approved with Medical and Midwifery Co directors]	Date:	13/07/2020 30/07/2020 25/08/2020
NSQHS Standards (v2) applicable:	1  Governance, 4  Medication Safety, 8  Recognising & Responding to Acute Deterioration		
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