# Neonatal Resuscitation Equipment Checklist

Under date of inspection, initial boxes to indicate the equipment is present, functional and within expiry date. If a discrepancy is identified, document details in the discrepancies register.

Frequency as per hospital policy: [ ]

**Month / Year:**

<table>
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<tr>
<th>Hospital:</th>
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<td>Department:</td>
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<td>1</td>
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</tbody>
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## Resuscitation Space
- Resuscitation cot with overhead heater and light (e.g. Resuscilato®)
- Clock with timer in seconds
- Towels, linen
- Polyethylene bag/sheet x 2 each
- Small and large baby bonnets/hats
- Skin temperature sensor and cover
- Pulse oximeter (+/- ECG machine if available)
- Neonatal pulse oximeter sensor and disposable foam band tape or self-adherent bandage
- Neonatal stethoscope

## Paperwork
- Neonatal resuscitation record
- QCG Neonatal resuscitation reference chart

## Oxygen and Air
- Medical air and oxygen (reticulated and/or cylinders)
- Flow meter (up to 15L/minute)
- Gas cylinder key
- Air/oxygen blender or Y connector and tubing
- Oxygen/air mix flowrate guides

## Suction Equipment
- Suction unit (negative pressure 100mmHg)
- Suction tubing
- Endotracheal tube meconium aspirator
- Suction catheters: sizes 5F, 6F, 8F, 10F, 12F x 3 each

## Airway and Breathing Support
- Self-inflating resuscitation bag: 240mL neonatal with PEEP valve (0–10cm) and removable oxygen reservoir and tubing
- T-piece device and circuit with test lung (e.g. Neopuff™)
- Face masks (either):
  - Reusable (e.g. Laerdal™) sizes 00, 0/1
  - Disposable (e.g. Fisher & Paykel™) sizes 35mm, 42mm, 60mm
- Laryngoscope handle and blades: sizes 00, 0, 1 x 1–2 each
- Spare batteries and bulbs (unless fibreoptic laryngoscope)
- Supraglottic airway (e.g. Laryngeal Mask Airway™ [LMA]): size 1 (2–5kg)
- Syringe: 5mL
- Endotracheal tubes (disposable, uncuffed with no Murphy eye): sizes 2.5 mm, 3.0 mm, 3.5 mm, 4.0 mm, x 2 each
- ETT stylet/introducers x 2
- Lubricant gel (sterile)
- Neonatal Magill’s forceps
- Paediatric end-tidal carbon dioxide detector (e.g. Pedi-cap™)
- Tapes to secure ETT (e.g. hydrocolloid dressing [Comfeel™] and brown tape [Leukoplast™])
- Scissors (sterile)
- Oropharyngeal airways: sizes 00 (4cm), 0 (5cm), 1 (6cm) x 1–2 each

## Gastric Tube
- Gastric tubes: sizes 6F and 8F x 2 each
- Syringes: 10mL x 2

## Pneumothorax
- Thoracentesis kits x 2, each with:
  - Non-retractable butterfly needle: size 23G
  - Three-way tap
  - Syringe (luer lock): 20 or 30mL
  - Alcohol antiseptic wipes x 2
  - Penlight torch/transilluminator
## Neonatal Resuscitation Equipment Checklist (continued)

### UVC Access
- **Umbilical catheters**: 3.5F and 5F x2 each
- **Umbilical catheter set or**:
  - Drapes (disposable) x2
  - Gauze squares x2
  - Needle holder
  - Forceps
  - Tape measure (sterile)
  - Cord ties x2
  - Scalpel blade (22) and holder
  - Scissors (sterile)
  - Three-way taps x2
  - IV bungs x2
  - Syringes (luer lock): sizes 5mL, 10mL x2 each
- **0.9% sodium chloride ampoules 10mL or 10mL prefilled syringes (e.g. BD PosiFlush™) x6 (60mL total)**
- **Blunt needles**: size 18G x3
- **Suture silk or catgut**: size 3.0
- **Alcohol antiseptic wipes x3**
- **Skin preparation solution (as per local policy)**:
  - Less than 28 weeks gestation – aqueous chlorhexidine 0.1% (if available)
- **Tapes** – hydrocolloid dressing (e.g. Comfeel®), 25mm wound closure strips (Steristrips™), brown tape (e.g. Leukoplast®), occlusive dressing (e.g. 3M™ Tegaderm™)

### IV Access
- **IV cannulas**: 24G x2
- **Elastic tourniquet**
- **Blunt needles**: size 18G x3
- **Syringes (luer lock)**: sizes 3mL x2
- **0.9% sodium chloride 10mL ampoules x5**
- **Extension tubing/IV T-piece**
- **Three-way taps x2**
- **Needle free valve bungs x2**
- **Skin preparation solution (as per local policy)**
- **Basic dressing pack**
- **Neonatal arm boards**: various sizes
- **Tapes** – IV securement dressing (e.g. 3M™ Tegaderm™), conformable adhesive retention tape (e.g. Hypafix®), small (12 mm) wound closure strips (e.g. Steristrips™), brown tape (e.g. Leukoplast®), transparent film dressing (e.g. 3M™ Tegaderm™)
- **Intraosseous access kit** (if available) (e.g. Arrow EZ-IO® 18 system or Cook® 50mm):
  - Location of kit (including IO gun if applicable): ............................................................

### Emergency Medications and Fluids
- **Adrenaline (epinephrine) 1:10,000 ampoules x2 (protected from light)**
- **0.9% sodium chloride IV solution 500mL bag**
- **10% glucose IV solution 500mL bag**
- **Alcohol antiseptic wipes x6**
- **Syringes (luer lock)**: sizes 50mL, 20mL, 10mL, 5mL, 1mL x3 each
- **Blunt needles**: size 18G x4
- **Needles**: size 19G x4
- **Blood filter**

### IV Labels
- **0.9% sodium chloride**
- **Adrenaline (epinephrine)**

### Additional Equipment
- If humidification required: adaptor 15m/10f-10m neonatal; humidification T-piece circuit; humidifier chamber; sterile water for injection 1L bag

### Discrepancies Register

<table>
<thead>
<tr>
<th>Date reported</th>
<th>Problem (stock/faulty/missing/expired)</th>
<th>Reported to</th>
<th>Action</th>
<th>Name (print)</th>
<th>Signature</th>
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