

Intubation checklist

PRIORITY: OXYGENATION CRITICAL AIRWAY OR PREDICTORS OF DIFFICULT INTUBATION USE MAST ALGORITHM

INTUBATOR – PATIENT PREPARATION

- ⊙ Assess and **open airway** using head tilt/ chin lift/Guedel airway if required. Use shoulder roll to optimise head position
- ⊙ Administer **100% oxygen** via facemask (21-40% if univentricular circulation)
- ⊙ If insufficient/absent respiratory effort: commence **facemask ventilation** with Ayres T-piece circuit / self-inflating bag
- ⊙ Ensure **full monitoring** attached and working (ECG, SpO₂(ensure tone volume audible), NIBP)
- ⊙ Consider inserting **NGT** to empty stomach and **aspirate continuously**
- ⊙ Ensure **working iv access**.

ASSISTANT 1 - EQUIPMENT:

- ⊙ Correct sized face mask and Ayre's T-piece
- ⊙ Correct sized Guedel airway
- ⊙ Yankauer sucker to right side of child
- ⊙ Capnography (ETCO₂) calibrated and available
- ⊙ 2 x laryngoscopes and 2 x blades (correct sizes)
- ⊙ 5F bougie and stylet available
- ⊙ Correct sized ETT + one size up/ one size down. Check cuff inflates
- ⊙ 2-5 ml Syringe for inflating cuff
- ⊙ Magill forceps
- ⊙ Stethoscope
- ⊙ ETT tapes & Cavilon

ASSISTANT 2 – DRUGS:

- ⊙ **Ketamine** 1-2 mg/kg
- ⊙ **Rocuronium** 1mg/kg
- ⊙ **iv fluid bolus** 5-20ml/kg Hartmanns (5ml/kg cardiac patients)
- ⊙ **Dilute (Light) Adrenaline (See drug calculator)**
- ⊙ **Morphine +/- Midazolam infusions** (20-80 micrograms/kg/hr) or **Propofol infusion**

CUFFED ETT SIZE: Standard Formula (AGE/4)+3.5

USE uncuffed tubes in children <3kg otherwise use cuffed tubes sized as follows:

>3Kg upto 8 months: 3.0 mm

8 months-2 years: 3.5 mm

2-4 years: 4.0 mm

4-6 years: 4.5 mm

6-8 years: 5.0 mm

LENGTH: ORAL = age/2+12; NASAL = age/2 + 15

LMA Size 1 <5Kg;

Size 1.5 5-10Kg; **Size 2**=10-20Kg;

Size 2.5 20-30Kg;

Size 3 30-50Kg;

Size 4 50-70Kg;

Size 5 70-100Kg;

Size 6 >100Kg