

Neonatal Intubation Pause

Read aloud before commencing all intubation episodes

ASK YOURSELF, DO YOU NEED HELP?

JUSTIFICATION

- What is the reason for intubation?
- Have you informed the parents?

EQUIPMENT

- Have you sized an appropriate mask and attached a Pedi-cap CO2 detector?
- Neopuff gas flow set between 6 – 8 l/min?
- Oxygen blender set appropriately (same as baby is currently receiving)?
- Is the Neopuff delivering 20/5mmHg (preterm) or 30/5mmHg (term)?
- Is a self-inflating bag available in cot-space?
- Is the suction on, checked and working with catheter attached?
- Have you got a stethoscope?
- Is laryngoscope/video-laryngoscope (VL) working with a bright light?
 - VL can be used for infants >1.25kg and considered for infants >1kg.
- Is an appropriate blade fitted? (Too small a blade may get you into trouble).
- Do you have the correct size ET tube?
 - What length are you inserting to at the lips?
- Have you got equipment required to secure the ET tube?
 - ET holder (correct size) with ties attached
 - Small forceps
 - Suture and orange needle

DRUGS AND MONITORING

- Has the cannula been checked and flushed?
- Intubation drugs prescribed? (see box)
- Intubation drugs checked and prepared?
- ECG and SpO₂ monitoring on?

ENVIRONMENT

- Has thermal stability been ensured?
 - Doors into nursery closed/screens up
 - Baby in plastic bag if <1500g
 - Warm blankets over baby
 - Appropriately sized woollen hat
- Is a ventilator available, checked and working?
- Gastric tube aspirated to empty stomach?

Body wt (kg)	ETT Size (mm)	Length at lips (cm)	Blade size (miller)	VL	F&P mask size
0.5	2.5	6	00/000		XS
0.75	2.5	6.5	0/00		XS
1	2.5	7	0/00		S
1.5	2.5	7.5	0/00	S0	S
2	2.5 / 3	8	0/00	S0	S
2.5	3	8.5	1/0	S1/S0	M
3	3 / 3.5	9	1/0	S1/S0	M
3.5	3.5	9.5	1/0	S1/S0	M/L
4	4	10	1/0	S1/S0	M/L

TEAM

- Is the nursing Team Leader aware of intubation?
- Is the middle grade tier Doctor/ANNP present?
- Does the Consultant need to be aware of this intubation?
(Avoid multiple attempts without support)
- Clarify team roles:
 - Who is intubating?
 - Who is administering drugs?
 - Who is passing equipment (ETT/Suction)?
 - Who will provide cricoid pressure?

VIDEO-LARYNGOSCOPE

- Plug in at cot-side if inadequate charge.
- Turn on using power button (bottom left corner of screen).
- Open and attach single-use blade.
- Undertake procedure – asking an assistant to lift upper lip can expand direct view.
- Dispose of blade in clinical waste after procedure.

SAFETY NET

- What is the planned course of action if intubation is not successful ?
- **Is everyone happy to proceed?**