Safety S.T.E.P.P card

Intubation & Extubation

Brighton and Sussex University Hospitals NHS Trust
Trevor Mann BABY UNIT

START HERE

Situation checks

- Nurse in charge aware
- Senior Clinician aware
- Other Emergencies covered
- Team well-being

Think Problems

- Predicted difficulties?
- Help available and how to contact ?

Equipment checks

Monitor
- HR or ECG
- O2 Saturations
- EtCO2

Cotside
- Neopuff/BVM
- Correct Mask size
- Suction/NG tube
- Oxygen blender
- Resuscitation trolley

Airway kit
- ETT (size +/-1) & stylet
- Laryngoscope
  - Bulb check
  - Blade size
  - Consider video
- Select fixation method

Circulation
- IV access flushed & secure
- Drugs prepared?

Prepare

Patient
- Optimise safe positioning
- Aspirate NG tube

People *(allocate names to roles)*
- Team leader
- Airway
- Assisting
- Giving drugs
- Timing or scribing

Plan
- Verbalise plan A
- What is Plan B and C?
- Team agree to proceed?

Proceed

Please Safety Pause & update parents afterwards

Date: 0/0/0 Version 4. TMBU human factors team

Gestation	Estimate weight	ETT size	ETT at the lips
23-24	**0.5kg**	2 - 2.5	5.5cm
25-26	**0.75kg**	2.5	6cm
27-29	**1kg**	2.5 - 3.0	6.5cm
30-32	**1.5kg**	3.0	7cm
33-34	**2kg**	3.0 - 3.5	7.5cm
35-37	**3kg**	3.5	8cm
38-40	**3.5kg**	3.5 - 4.0	8.5cm
41-43	**4kg**	4.0	9cm

Drug doses:

Fentanyl: 1 microgram/kg

Atropine: 15 microgram/kg

Suxamethonium: 2mg/kg