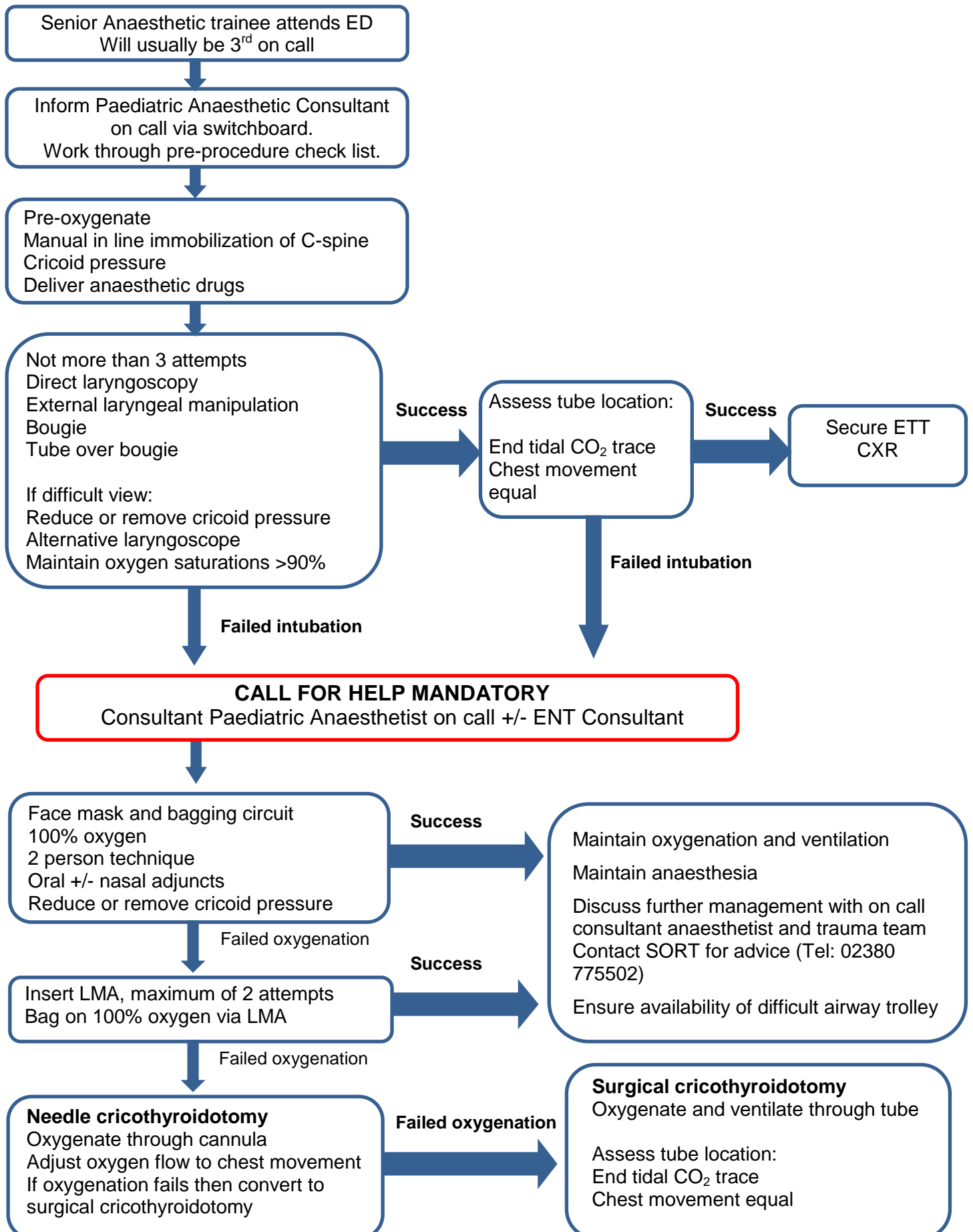


# Anaesthesia in Paediatric Major Trauma

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## Paediatric Trauma Guidelines

### Emergency anaesthesia flow chart for children with major trauma in the RSCH or RACH emergency department



**RSI (Rapid Sequence Induction) Checklist**

**1. Prepare Team and Patient**

**2. Prepare Equipment**

**3. Prepare for difficulty**

**Pre-oxygenate**

- 100% O<sub>2</sub> applied
- Good facemask seal with CO<sub>2</sub> trace.

**Has airway been assessed?**

**Do you need more help?**

**Is patient's position optimised?**

- Consider ramped position
- Loosen rigid collar with MILS (Manual In-Line Stabilisation)

**Is IV access patent with IV Fluids running?**

**Roles allocated?**

Including:

- First Intubator
- Second Intubator
- Intubator's assistant
- Cricoid pressure
- Drugs
- MILS (if indicated)

**Is all monitoring on?**

Including capnography  
Is the BP cycling every 3 minutes?

**Is all equipment available and checked?**

Including:

- Working suction
- 2 Endo Tracheal tubes – correct size?  
Cuffed or uncuffed?
- 2 laryngoscopes
- Self-inflating bag/Water's Circuit/  
Guedel/ NPA
- Bougie
- Supraglottic airway
- Difficult airway trolley

**Ventilator ready?**

**Are all drugs available?**

Including: induction agent, NMJ blockers, vasopressors, long acting NMJ blocker, maintenance agent, infusion device for maintenance agent.

**What is the plan for a difficult intubation?**

DISCUSS:

- Plan A: RSI with different blade
- Plan B: e.g. Bag Mask Ventilation
- Plan C: e.g. iGeL
- Plan D: e.g. Needle Cricothyroid / surgical airway

**Have you access to the relevant equipment, including alternative airway?**  
**YES**

**DO NOT START UNTIL AVAILABLE**

**Are there any specific complications anticipated?**  
**YES**  
**NO**

**DO YOU NEED MORE HELP?**

**SILENCE WHEN INTUBATING**

## Emergency checklist for Rapid Sequence Induction

### IF ARREST OR PERIARREST SITUATION WITH SATS

#### DROPPING DESPITE OPTIMIISATION:

1. Oxygen
2. IV access
3. Drugs
4. Laryngoscope
5. Suction
6. Bougie
7. Tube
8. Syringe
9. CO<sub>2</sub> Monitoring
10. Bag – Valve – Mask

## Paediatric Trauma Guidelines

### Suggested drug choice for anaesthesia in children with major trauma within the RSCH or RACH emergency departments

