

# Critical Care, Extubation Checklist

From NAP 4 & DAS guidelines by T Housden Oct 2014 (Adapted for Critical Care, NHS Lothian)

Review Date: Oct 2017

## 1 Planning

- **Senior doctor** aware
- **Two** nurses aware
- Talk through the plan and allocate roles
- **Charge nurse informed**
- **Assess airway risk factors:**
  - Previous difficult airway
  - Obesity
  - Aspiration risk
  - Airway trauma/oedema
  - Obstetric patient
- **Assess general risk factors:**
  - Cardiovascular stability
  - Adequate cough & spontaneous ventilation
  - Awake and cooperative
- **Senior doctor present for high risk extubations and REINTUBATION PLAN formulated**

## 2 Preparation

- **Optimise the patient:**
  - 100% oxygen
  - Sit patient up
- **Stop sedation**
- **IV access checked**
- **Ensure adequate fasting**
- **Aspirate NG tube**
- **Check for cuff leak**
- **Inform patient of plan to extubate**
- **Monitoring visible**
  - ECG, SpO<sub>2</sub>, BP, etCO<sub>2</sub>
- **PPE**
- **Prepare for post-extubation care**

## 3 Equipment

- **Suction catheter/closed suction system**
- **Yankauer suction catheter**
- **Suction checked & working**
- **10ml syringe**
- **Scissors to cut tapes**
- **Consider bite block**
- **Airway trolley available**
- **Stethoscope**
- **Post-extubation oxygen delivery ready & connected to O<sub>2</sub> supply**
  - C-Circuit, filter & mask
  - Facemask
  - Non-invasive ventilation

## 4 Extubation

- **Two** nurses aware
- Talk through plans
- **RAISE CONCERNS NOW**
- **PROCEED:**
  - Suction oropharynx
  - Suction tracheal secretions
  - Remove tapes/ties whilst supporting ETT
  - Deflate cuff and remove ETT whilst suctioning
  - Give prepared supplemental oxygen
- **Observe patient for signs of airway or respiratory compromise:**
  - Airway noise
  - Respiratory pattern
  - SpO<sub>2</sub>/RR
- **CALL FOR HELP EARLY**
- Check an ABG 30 minutes post-extubation