DAS Extubation Guidelines: Basic algorithm

**Step 1**
Plan extubation

**Plan**
Assess airway and general risk factors

**Step 2**
Prepare for extubation

**Prepare**
Optimise patient and other factors

**Risk Stratify**

- **Low risk**
  - Fasted
  - Uncomplicated airway
  - No general risk factors

- **‘At risk’**
  - Ability to oxygenate uncertain
  - Reintubation potentially difficult and/or general risk factors present

**Step 3**
Perform extubation

- **Low risk algorithm**
- **‘At risk’ algorithm**

**Step 4**
Postextubation care

Recovery or HDU / ICU

**Airway risk factors**
- Known difficult airway
- Airway deterioration (trauma, oedema or bleeding)
- Restricted airway access
- Obesity / OSA
- Aspiration risk

**General risk factors**
- Cardiovascular
- Respiratory
- Neurological
- Metabolic
- Special surgical requirements
- Special medical conditions

**Optimise patient factors**
- Cardiovascular
- Respiratory
- Metabolic / temperature
- Neuromuscular

**Optimise other factors**
- Location
- Skilled help / assistance
- Monitoring
- Equipment

**Difficult Airway Society Extubation Algorithm 2011**