**DAS Extubation Guidelines: ‘At risk’ algorithm**

**Step 1**
Plan extubation

**Plan**
Assess airway and general risk factors

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

**Step 2**
Prepare for extubation

**Prepare**
Optimise patient and other factors

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

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

**Key question: is it safe to remove the tube?**

**Step 3**
Perform extubation

Yes
- **Awake extubation**
- Advanced Techniques*
  1. Laryngeal mask exchange
  2. Remifentanil technique
  3. Airway Exchange Catheter

No
- **Postpone extubation**
- **Tracheostomy**

**Step 4**
Postextubation care

**Recovery / HDU / ICU**

- Safe transfer
- Handover / communication
- \(O_2\) and airway management
- Observation and monitoring
- General medical and surgical management

*Advanced techniques: require training and experience

Difficult Airway Society Extubation Algorithm 2011