Perform extubation

Prepare for extubation

Plan extubation

Location
Skilled help / assistance
Monitoring
Equipment

Cardiovascular
Respiratory
Metabolic / temperature
Neuromuscular

Optimise patient factors

Optimise other factors
Location
Skilled help / assistance
Monitoring
Equipment

Preoxygenate with 100% oxygen
Suction as appropriate
Insert a bite block (e.g. rolled gauze)
Position the patient appropriately
Antagonise neuromuscular blockade
Establish regular breathing
Ensure adequate spontaneous ventilation
Minimise head and neck movements
Wait until awake (eye opening/obeying commands)
Apply positive pressure, deflate the cuff & remove tube
Provide 100% oxygen
Check airway patency and adequacy of breathing
Continue oxygen supplementation

Safe transfer
Handover / communication
O₂ and airway management
Observation and monitoring
General medical and surgical management
Analgesia
Staffing
Equipment
Documentation

The technique described for awake extubation is a suggested approach. Practice may vary in experienced hands.