Introduce staged extubation into your airway management strategy.
Extubation Failure

Even with well-designed protocols, postextubation airway failure remains a significant risk in all patient populations. In addition to the obvious safety issues, it also requires additional time, documentation and resources.

“…the critically ill intensive care patient suffers extubation failure regularly (0.4%-25%). Patients with a known or suspected difficult airway represent a patient cohort who may benefit from an extubation strategy involving reversible extubation.”

Factors contributing to high-risk extubation include:
- Obesity
- History of obstructive sleep apnea
- Upper airway obstruction
- Requirement of additional airway device during induction of anesthesia
- Elderly patients
- Patients requiring continuous intravenous sedation
- Difficult intubations

What Is Staged Extubation?

Staged extubation uses a Staged Extubation Wire to maintain continuous airway access and a Staged Reintubation Catheter to facilitate a successful reintubation if required.

Benefits of staged extubation:
- A study with an airway catheter showed a fivefold higher success rate of first-attempt reintubation
- Avoidance of complications associated with failed or difficult reintubation
- Ability to trial extubation earlier while maintaining secure airway access

Product Features

Enhanced Patient Comfort

Soft, tapered and kink-resistant wire is coated in a polymeric jacket to assure minimal irritation while in position.

Maintained Access

Staged Reintubation Catheter allows quick access and oxygen delivery to help stabilize the patient.

Total Airway Control

With the Staged Extubation Set, in addition to Cook’s comprehensive airway management product offering, you can control the airway from intubation, exchange, extubation and reintubation.
**Staged Reintubation Catheter**

- Polymeric jacket on extubation wire assures minimal irritation while in place.
- Rapi-Fit® adapters permit use of oxygen source to deliver oxygen.
- Distal sideports ensure sufficient air flow and prevent whipping during use with oxygen source.
- Soft, blunt tip is atraumatic to internal structures.

**Staged Extubation Wire**

- .035 inch wire diameter provides a low profile for patient's comfort.
- Nitinol wire core provides a reliable track for reintubation catheter while remaining flexible enough for coiling and providing increased patient comfort.
- Polymeric jacket on extubation wire assures minimal irritation while in place.
Depth markings facilitate proper positioning by aligning with the corresponding centimeter mark on the endotracheal tube.

Depth markings facilitate correct positioning by aligning with the patient’s anatomy.

**Procedural Steps**

1. **Advance the Staged Extubation Wire into the endotracheal tube (ETT) to the predetermined depth.**
2. **Remove the ETT.**
3. **Leave the wire in place while the patient remains in a monitored environment.**
4. **In the event that the patient requires reintubation, pass the Staged Reintubation Catheter over the Staged Extubation Wire.**
5. **Pass the ETT over the catheter and into the optimal position within the patient’s trachea.**
6. **Remove the wire and catheter, and connect the ETT to an oxygen source.**

**Note:** This Quick Reference Card is an outline highlighting the insertion and removal process for the Cook Staged Extubation Set. The Suggested Instructions for Use booklet should be consulted for a more thorough examination of the insertion and removal protocol, indications, contraindications, warnings and precautions.
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“The preformulated extubation strategy should include... a consideration of the short-term use of a device that can serve as a guide for expedited reintubation... The device may be rigid to facilitate intubation and/or hollow to facilitate ventilation.”

- Practice Guidelines for Management of the Difficult Airway
COOK STAGED EXTUBATION SET

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Not all part numbers shown on this product information sheet may be approved for sale in all regulatory jurisdictions. Consult with your local Cook representative or customer service center for details.

References


