When seconds matter, what’s your plan?

PRODUCTS FOR THE DIFFICULT AIRWAY
Establish and maintain an airway, even in the most critical situations.

We designed our airway management products to facilitate successful intubation, airway exchange, and emergency airway access.

At cookairway.com/seconds, you can:

- Discover our comprehensive line of airway products.
- Request a product demonstration.
- Contact a Cook Medical representative who can assist you with your airway action needs.
Contents

Intubation
Frova Intubating Introducer ........................................................................................................... 7
Rapi-Fit® Adapter ............................................................................................................................ 8
Cook® Retrograde Intubation Set ................................................................................................. 9
Aintree Intubation Catheter .......................................................................................................... 11

Airway Exchange
Cook® Airway Exchange Catheter .............................................................................................. 14
Arndt Airway Exchange Catheter Set .......................................................................................... 15
Cook® Airway Exchange Catheter – Extra-Firm with Soft Tip .................................................... 17

Emergency Airway
Arndt Emergency Cricothyrotomy Catheter Set ......................................................................... 20
Patil Emergency Cricothyrotomy Catheter Set ............................................................................ 21
Melker Universal Cuffed Emergency Cricothyrotomy Catheter Set – Seldinger/Surgical .. 22
Melker Cuffed Emergency Cricothyrotomy Catheter Set – Seldinger........................................ 23
Melker Emergency Cricothyrotomy Catheter Set – Seldinger.................................................... 25
Melker Cuffed Emergency Cricothyrotomy Catheter Set – Surgical .......................................... 26
Melker Emergency Special-Operations Cricothyrotomy Catheter Set – Seldinger................. 27
Enk Oxygen Flow Modulator Set ................................................................................................ 28
Emergency Transtracheal Airway Catheter .................................................................................. 29

Difficult Airway Resources
When you can’t intubate but can ventilate, we have a solution.
Intubation

Our intubating introducers allow you to provide oxygen during the initial intubation and can assist with blind, retrograde, and bronchoscopic-guided placement.
Frova Intubating Introducer

Intended to facilitate endotracheal intubation in patients where the visualization of the glottis is inadequate.

FEATURES AND BENEFITS

• The blunt, angled tip helps you properly place the introducer beyond the vocal cords and into the trachea, minimizing trauma to internal structures.

• The optional stiffening cannula adds rigidity to the proximal and middle sections of the catheter, while the distal portion remains flexible.

• The lumen and distal sideports are designed to deliver oxygen.

• The centimeter marks facilitate accurate alignment with endotracheal tubes.

• The removable Rapi-Fit® adapter permits oxygen delivery, if necessary.

COMPONENTS

• Frova Intubating Introducer

• Stiffening cannula

• Rapi-Fit adapter (15 mm connector)

• Rapi-Fit adapter (Luer lock connector)

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Introducer Diameter Fr</th>
<th>Introducer Length cm</th>
<th>For Placement of ETT with ID mm</th>
<th>Includes Adapter Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>G12591</td>
<td>C-CAE-8.0-35-FII</td>
<td>8</td>
<td>35</td>
<td>3 or larger</td>
<td>15 mm and Luer lock</td>
<td>1</td>
</tr>
<tr>
<td>G23646</td>
<td>C-CAE-14.0-70-FII</td>
<td>14</td>
<td>70</td>
<td>6 or larger</td>
<td>15 mm and Luer lock</td>
<td>1</td>
</tr>
<tr>
<td>G23645</td>
<td>C-CAE-14.0-70-Fi</td>
<td>14</td>
<td>70</td>
<td>6 or larger</td>
<td>15 mm and Luer lock</td>
<td>1</td>
</tr>
<tr>
<td>G48303</td>
<td>C-CAE-14.0-70-FIC</td>
<td>14</td>
<td>70</td>
<td>6 or larger</td>
<td>not included</td>
<td>10</td>
</tr>
<tr>
<td>G53517</td>
<td>C-CAE-14.0-70-FIC-SPOPS</td>
<td>14</td>
<td>70</td>
<td>6 or larger</td>
<td>not included</td>
<td>1</td>
</tr>
</tbody>
</table>

1. Endotracheal tube not included.
2. Packaged in a U-shape for portability and easy transportation.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Frova Intubating Introducers

CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

INTENDED USE: The Frova Intubating Introducer is intended to facilitate endotracheal intubation in patients where visualization of the glottis is inadequate. The product has been designed for use by physicians trained and experienced in airway management techniques. Standard techniques for placement of intubation catheters should be employed.

CONTRAINDICATIONS: None known.

WARNING: Attention should be paid to insertion depth of catheter into the patient’s airway and correct tracheal position of endotracheal tube. Markers on the Frova Intubating Introducer refer to distance from tip of catheter. Catheter and endotracheal tube should not be advanced beyond the carina. - Ensure that the Rapi-Fit Adapter is securely connected to the Frova Intubating Introducer prior to oxygen delivery. Failure to properly secure the adapter to the introducer may result in hypoxia, hypoxiaemia, and serious adverse events. - Oxygen delivery through the Frova Intubating Introducer is not possible without a Rapi-Fit Adapter. Rapi-Fit Adapters are only included in products with an “-1” or “-4” suffix in their product numbers.

POTENTIAL ADVERSE EVENTS: Injury to the epiglottis - Perforation of the phlebifossa, trachea or bronchus - Barotrauma

See package insert for full product information.
Our removable Rapi-Fit® adapters can be used with 15 mm or Luer lock connectors. The adapters allow our airway catheters to be attached to a ventilation device to provide oxygenation during intubation or exchange procedures, if necessary.

To attach
Position the adapter on the catheter. Push the white collar forward and lock the adapter into position.

To remove
Pull the white collar back to release and remove the adapter from the catheter.
Cook® Retrograde Intubation Set

Intended to assist in the placement of an endotracheal tube during difficult or emergency airway access procedures where visualization of the vocal cords is not possible secondary to secretions, blood, and/or anatomic anomalies.

**FEATURES AND BENEFITS**
- Using the Seldinger technique via the cricothyroid membrane for initial access permits retrograde (cephalad) placement of a wire guide that exits orally or nasally.
- The catheter’s tapered tip allows for smoother navigation through the patient’s anatomy.
- Antegrade introduction of a hollow guiding catheter with distal sideports and Rapi-Fit® adapters allows you to provide the patient with oxygen and facilitates placement of an endotracheal tube.

**COMPONENTS**
- Cook Retrograde Intubation Catheter
- Introducer needle
- PTFE introducer needle
- Syringe
- Straight and 3 mm J-tip wire guide with positioning marks
- Hemostat
- Rapi-Fit adapter (15 mm connector)
- Rapi-Fit adapter (Luer lock connector)

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Wire Guide Diameter inch/mm</th>
<th>Wire Guide Length cm</th>
<th>For Placement of ETT* with ID mm</th>
<th>Includes Adapter Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>G09727</td>
<td>C-RETRO-6.0-50-38J-110</td>
<td>6</td>
<td>50</td>
<td>.038/.97</td>
<td>110</td>
<td>2.5 or larger</td>
<td>not included</td>
</tr>
<tr>
<td>G07647</td>
<td>C-RETRO-11.0-70-38J-110</td>
<td>11</td>
<td>70</td>
<td>.038/.97</td>
<td>110</td>
<td>4 or larger</td>
<td>not included</td>
</tr>
<tr>
<td>G10554</td>
<td>C-RETRO-14.0-70-38J-110-CAE</td>
<td>14</td>
<td>70</td>
<td>.038/.97</td>
<td>110</td>
<td>5 or larger 15 mm and Luer lock</td>
<td></td>
</tr>
</tbody>
</table>

* Endotracheal tube not included.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

**Contraindications:**
- Ongoing coagulopathy
- Obstructed cricothyroid anatomy
- Infection of cricothyroid membrane
- Mass (e.g., goiter)

**Warnings:**
- None known

See package insert for full product information.
Aintree Intubation Catheter
Intended for assisted fiberoptic intubation and for uncomplicated, atraumatic endotracheal tube exchange.

FEATURES AND BENEFITS
• The catheter’s inner diameter (ID), lumen, and distal sideports are designed to enhance airflow.
• The large ID permits the use of a bronchoscope, which enhances visualization.
• The centimeter marks facilitate accurate alignment with endotracheal tubes.
• The removable Rapi-Fit® adapter permits oxygen delivery, if necessary.

COMPONENTS
• Aintree Intubation Catheter
• Bronchoscopic port
• Rapi-Fit adapter (15 mm connector)
• Rapi-Fit adapter (Luer lock connector)

### ORDER INFORMATION

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>For Placement of ETT* with ID mm</th>
<th>Includes Adapter Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>G10789</td>
<td>C-CAE-19.0-56-AIC</td>
<td>19</td>
<td>56</td>
<td>4.7</td>
<td>7 or larger</td>
<td>15 mm and Luer lock</td>
</tr>
</tbody>
</table>

*Endotracheal tube not included.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Aintree Intubation Catheter

**CAUTION:** U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

**INTENDED USE:** The Aintree Intubation Catheter has been designed for assisted fiberoptic intubation and for uncomplicated, atraumatic endotracheal tube exchange.

**CONTRAINDICATIONS:** None known.

**WARNING:** Possible allergic reactions should be considered. Do not advance the catheter beyond the carina. Attention should be paid to the depth of insertion of the catheter into the patient’s airway, and to the correct tracheal position of the endotracheal tube. Markers on the catheter refer to distance from the tip of the catheter. Take care not to injure the epiglottis or glottis, or perforate the sinus pyriformis, trachea, or bronchus. Use of the Rapi-Fit adapter for oxygenation may be associated with a risk of barotrauma. Use of an oxygen source should only be considered if the patient has sufficient expiration of the insufflated gas volume. If a high-pressure oxygen source is used for insufflation (e.g., jet ventilator), begin at a lower pressure and work up gradually. Raising chest wall pulse oximetry and oral air flow should be carefully monitored. Ensure proper sizing of the catheter within an endotracheal tube. Failure to do so may cause small fragments to be shaved off during removal of the catheter. To avoid barotrauma, ensure that the tip of the AIC catheter is always above the carina, preferably 2-5 cm.

**POTENTIAL ADVERSE EVENTS:** Barotrauma • Perforation of the bronchi or lung parenchyma • Pneumothorax

See package insert for full product information.
We can help make the exchange process uncomplicated and atraumatic.
Airway Exchange

Our radiopaque exchange catheters are available in a wide range of sizes, and are hollow to allow oxygen delivery during exchange. By maintaining continuous airway access, our products can reduce the chance for adverse patient outcomes due to oxygen deprivation.
Cook® Airway Exchange Catheter
Intended for uncomplicated, atraumatic endotracheal tube exchange.

FEATURES AND BENEFITS
• The blunt tip of the catheter is atraumatic to internal structures.
• The lumen and distal sideports are designed to deliver oxygen.
• The centimeter markings facilitate accurate alignment with endotracheal tubes.
• The removable Rapi-Fit® adapter permits oxygen delivery during an exchange procedure, if necessary.

COMPONENTS
• Cook Airway Exchange Catheter
• Rapi-Fit adapter (15 mm connector)
• Rapi-Fit adapter (Luer lock connector)

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>For Exchange of ETT* with ID mm</th>
<th>Includes Adapter Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>G07833</td>
<td>C-CAE-8.0-45</td>
<td>8</td>
<td>45</td>
<td>1.6</td>
<td>3 or larger</td>
<td>15 mm and Luer lock</td>
</tr>
<tr>
<td>G06732</td>
<td>C-CAE-11.0-83</td>
<td>11</td>
<td>83</td>
<td>2.3</td>
<td>4 or larger</td>
<td>15 mm and Luer lock</td>
</tr>
<tr>
<td>G07873</td>
<td>C-CAE-14.0-83</td>
<td>14</td>
<td>83</td>
<td>3</td>
<td>5 or larger</td>
<td>15 mm and Luer lock</td>
</tr>
<tr>
<td>G05880</td>
<td>C-CAE-19.0-83</td>
<td>19</td>
<td>83</td>
<td>3.4</td>
<td>7 or larger</td>
<td>15 mm and Luer lock</td>
</tr>
</tbody>
</table>

* Endotracheal tube not included.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Cook Airway Exchange Catheters with Rapi-Fit™ Adapters
CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).
INTENDED USE: The Cook Airway Exchange Catheter is intended for uncomplicated, atraumatic endotracheal tube exchange.
CONTRAINDICATIONS: None known.
WARNING: Attention should be paid to insertion depth of catheter into patient's airway and correct tracheal position of replacement endotracheal tube. Markers on the Cook Airway Exchange Catheter refer to distance from tip of catheter. Catheter and endotracheal tube should not be advanced beyond the carina. Ensure proper sizing of the Cook Airway Exchange Catheter within a occluded lumen endotracheal tube. Failure to do so may cause small fragments to be shaved off during removal of the Cook Airway Exchange Catheter. To avoid barotrauma, ensure that the tip of the CAE catheter is always above the carina, preferably 2.5 cm.
POTENTIAL ADVERSE EVENTS: Barotrauma > Perforation of the bronchi or lung parenchyma
See package insert for full product information.
Arndt Airway Exchange Catheter Set

Intended for the exchange of laryngeal mask airways and endotracheal tubes using a fiberoptic bronchoscope, bronchoscopic port, wire guide, and exchange catheter.

**FEATURES AND BENEFITS**

- The set may be used for emergency, urgent, and elective airway management.
- Use of a bronchoscope enhances visualization to facilitate clearer navigation through the patient's anatomy.
- The wire guide can be inserted through the working channel of the bronchoscope, which allows acute angles to be maneuvered.
- Distal sideports facilitate airflow.
- The removable Rapi-Fit® adapter permits the use of an oxygen source during an exchange procedure, if necessary.

**COMPONENTS**

- Arndt Airway Exchange Catheter
- Amplatz Extra-Stiff Support Wire Guide
- Bronchoscopic port
- Rapi-Fit adapter (15 mm connector)
- Rapi-Fit adapter (Luer lock connector)

### Order Information

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Wire Guide Diameter inch</th>
<th>Wire Guide Length cm</th>
<th>For Exchange of ETT with ID mm</th>
<th>Includes Adapter Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>G11920</td>
<td>C-CAE-14.0-70-LMA</td>
<td>14</td>
<td>70</td>
<td>.038</td>
<td>160</td>
<td>5 or larger</td>
<td>15 mm and Luer lock</td>
</tr>
</tbody>
</table>

*Endotracheal tube not included.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Arndt Airway Exchange Catheter Set

**CAUTION:** U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

**INTENDED USE:** The Arndt Airway Exchange Catheter Set is intended for the exchange of laryngeal mask airways (LMA) and endotracheal tubes using a fiberoptic bronchoscope, bronchoscopic port, wire guides and exchange catheter. The product may be used for emergency, urgent and elective airway management. The removable Rapi-Fit® Adapter permits use of ventilatory device, if necessary, during exchange procedure.

**CONTRAINDICATIONS:** None known

**WARNINGS:** Attention should be paid to insertion depth of catheter into patient's airway and correct tracheal position of replacement endotracheal tube. Markers on the exchange catheter refer to distance from tip of catheter. Catheter and endotracheal tube should not be advanced beyond the carina. Ensure proper sizing of the exchange catheter within a double lumen endotracheal tube. Failure to do so may cause small fragments to be shaved off during removal of the exchange catheter.

**POTENTIAL ADVERSE EVENTS:** Airway bleeding • Pneumothorax • Infection • Catheter dislodgement • Hematoma

See package insert for full product information.
**Cook® Airway Exchange Catheter - Extra-Firm with Soft Tip**

Intended for uncomplicated, atraumatic endotracheal tube exchange.

**FEATURES AND BENEFITS**

- The blunt, soft, and flexible tip of the catheter is atraumatic to internal structures. The distal section of the catheter is flexible.
- The extra-firm catheter facilitates the exchange of double-lumen shaft tubes.
- The lumen and distal sideports are designed to deliver oxygen.
- The centimeter markings facilitate accurate alignment with endotracheal tubes.
- The removable Rapi-Fit® adapters permit oxygen delivery during an exchange procedure, if necessary.

**COMPONENTS**

- Cook Airway Exchange Catheter
- Rapi-Fit adapter (15 mm connector)
- Rapi-Fit adapter (Luer lock connector)

### Table: Specifications

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>For Exchange of ETT* with ID mm</th>
<th>Includes Adapter Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>G36401</td>
<td>C-CAE-11.0-100-DLT-EF-ST</td>
<td>11</td>
<td>100</td>
<td>2.3</td>
<td>4 or larger</td>
<td>15 mm and Luer lock</td>
</tr>
<tr>
<td>G36402</td>
<td>C-CAE-14.0-100-DLT-EF-ST</td>
<td>14</td>
<td>100</td>
<td>3</td>
<td>5 or larger</td>
<td>15 mm and Luer lock</td>
</tr>
</tbody>
</table>

* Endotracheal tube not included.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

---

**Cook Airway Exchange Catheters with Rapi-Fit® Adapters**

**CAUTION:** U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

**INTENDED USE:** The Cook Airway Exchange Catheter is intended for uncomplicated, atraumatic endotracheal tube exchange.

**CONTRAINDICATIONS:** None known.

**WARNINGS:** Attention should be paid to insertion depth of catheter into patient’s airway and correct tracheal position of replacement endotracheal tube. Markers on the Cook Airway Exchange Catheter refer to distance from tip of catheter. Catheter and endotracheal tube should not be advanced beyond the carina. Ensure proper sizing of the Cook Airway Exchange Catheter within a double-lumen endotracheal tube. Failure to do so may result in obstruction of the Cook Airway Exchange Catheter. To avoid barotrauma, ensure that the tip of the CAE catheter is always above the carina, preferably 2-3 cm.

**POTENTIAL ADVERSE EVENTS:** Barotrauma - Perforation of the bronch or lung parenchyma

See package insert for full product information.
When you can’t intubate or ventilate, our tools help you gain emergency airway access.
Emergency Airway

We offer a variety of emergency cricothyrotomy kits for use with Seldinger or surgical methods. Some of our kits include a cuffed airway catheter, and we offer products for emergency transtracheal airway catheter ventilation.
Arndt Emergency Cricothyrotomy Catheter Set

Intended for emergency airway access when endotracheal intubation and/or ventilation cannot be performed.

FEATURES AND BENEFITS

- Airway access is achieved by using the Seldinger technique via the cricothyroid membrane.
- Subsequent dilation of the tract and tracheal entrance site permits passage of the emergency airway.

COMPONENTS

- Arndt Emergency Cricothyrotomy Catheter
- Vinyl connecting tube
- Introducer needle
- PTFE catheter introducer needle
- Amplatz Extra-Stiff Support Wire Guide
- 6 mL syringe
- #11 blade thumb scalpel
- Tracheostomy tape

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Wire Diameter inch</th>
<th>Wire Length cm</th>
<th>Catheter Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G08251</td>
<td>C-DTJV-9.0-6.0-ARNDT</td>
<td>9</td>
<td>6</td>
<td>.038</td>
<td>30</td>
<td>18</td>
<td>4</td>
</tr>
</tbody>
</table>

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Arndt Emergency Cricothyrotomy Catheter Set

CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

INTENDED USE: The Arndt Emergency Cricothyrotomy Catheter Set is used for emergency airway access when endotracheal intubation and/or ventilation cannot be performed. Airway access is achieved utilizing percutaneous entry (Seldinger) technique via the cricothyroid membrane. Subsequent dilation of the tract and tracheal entrance site permits passage of the emergency airway catheter.

CONTRAINDICATIONS: None known

WARNINGS: The Arndt Emergency Cricothyrotomy Catheter Set is not specifically designed for pediatric applications. Use with pediatric patents should be determined by attending physicians. Use in children below the age of 12 is not recommended. Consideration should be given to the following medical and anatomic conditions: Distorted anatomy - Subcutaneous abscess - Hematoma - Post-operative scarring/radiation - Congenital abnormalities or systemic thrombolytic therapy

POTENTIAL ADVERSE EVENTS: Bleeding - Pneumothorax - Pneumomediastinum - Subcutaneous emphysema - Tracheoesophageal fistula - Cutaneous fistula - Infection - Hematoma - Catheter dislodgement

See package insert for full product information.
Patil Emergency Cricothyrotomy Catheter Set

Intended for emergency airway access when conventional endotracheal intubation cannot be performed.

FEATURES AND BENEFITS

- Airway access is achieved by using direct percutaneous puncture via the cricothyroid membrane.
- Catheter is coil reinforced and kink resistant, and has a standard 15 mm connector and Luer lock connector to allow oxygen delivery.

COMPONENTS

- Patil Emergency Cricothyrotomy Catheter
- #15 mini scalpel
- Needle introducer assembly
- 5 mL syringe
- Tracheostomy tape

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>Catheter Needle gage</th>
</tr>
</thead>
<tbody>
<tr>
<td>G08950</td>
<td>C-DTJV-6.0-6.0-PATIL</td>
<td>6</td>
<td>6</td>
<td>2</td>
<td>19</td>
</tr>
<tr>
<td>G07796</td>
<td>C-DTJV-9.0-6.0-PATIL</td>
<td>9</td>
<td>6</td>
<td>3</td>
<td>19</td>
</tr>
</tbody>
</table>

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Patil Emergency Cricothyrotomy Catheter Set

CAUTION: U.S. Federal law restricts this device to sale by or on the order of a physician or properly licensed practitioner.

INTENDED USE: The Patil Emergency Cricothyrotomy Catheter Set is intended for emergency airway access when conventional endotracheal intubation cannot be performed.

CONTRAINdications: None known

WARNINGS: None known

POTENTIAL ADVERSE EVENTS: Bleeding • Pneumothorax • Pneumomediatinum • Subcutaneous emphysema • Tracheoesophageal fistula • Cutaneous fistula • Infection • Hematoma • Catheter dislodgement

See package insert for full product information.
Melker Universal Cuffed Emergency Cricothyrotomy Catheter Set
Seldinger/Surgical
Intended to establish emergency airway access when endotracheal intubation cannot be performed.

FEATURES AND BENEFITS
• The universal set provides all the components you need in one package to perform a cricothyrotomy with either the Seldinger or the surgical technique.
• The airway catheter is cuffed to protect and control the airway after it is placed.

COMPONENTS
• Melker Cuffed Emergency Cricothyrotomy Catheter
• Introducer needle
• PTFE catheter introducer needle
• 12 mL syringe
• #15 mini scalpel
• Amplatz Extra-Stiff Support Wire Guide
• Curved dilator
• Trousseau dilator
• Tracheal hook
• Blunt, curved dilator
• Tracheostomy tape
• Needle holder cup
• Ten gauze sponges
• Drape
• ChloraPrep®

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>Catheter OD mm</th>
<th>Wire Diameter inch</th>
<th>Wire Length cm</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G32442</td>
<td>C-TCCSB-500-UNI-CA</td>
<td>9</td>
<td>5</td>
<td>7.2</td>
<td>.038</td>
<td>40</td>
<td>18</td>
<td>7</td>
</tr>
</tbody>
</table>

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Melker Universal Cricothyrotomy Catheter Set
CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician or properly licensed practitioner.
INTENDED USE: The Melker Universal Cricothyrotomy Catheter Set is intended to establish emergency airway access when endotracheal intubation cannot be performed.
Airway access is achieved utilizing either percutaneous entry (Seldinger) technique or surgical technique via the cricothyroid membrane.
CONTRAINDICATIONS: No absolute contraindications known.
WARNINGS: The Melker Universal Cricothyrotomy Catheter Set is not specifically designed for pediatric applications. Use with pediatric patients should be determined by attending physicians. Consideration should be given to the following medical and anatomic conditions: Distorted anatomy, Subcutaneous abscess, Hematoma, Postoperative swelling/inflammation, Scoliosis, or systemic thrombolytic therapy.
See package insert for full product information.

ChloraPrep® is a registered trademark of Carefusion 2200, Inc.
Melker Cuffed Emergency Cricothyrotomy Catheter Set
Seldinger

Intended to establish emergency airway access when endotracheal intubation cannot be performed.

FEATURES AND BENEFITS

• Airway access is achieved by using the Seldinger technique via the cricothyroid membrane.
• The airway catheter is cuffed to protect and control the airway after it is placed.

COMPONENTS

• Melker Cuffed Emergency Cricothyrotomy Catheter
• Introducer needle
• PTFE catheter introducer needle
• 6 mL syringe
• #15 mini scalpel
• Amplatz Extra-Stiff Support Wire Guide
• Curved dilator
• Tracheostomy tape
• Needle holder cup

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>Catheter OD mm</th>
<th>Wire Diameter inch</th>
<th>Wire Length cm</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G29432</td>
<td>C-TCCSB-500</td>
<td>9</td>
<td>5</td>
<td>7.2</td>
<td>.038</td>
<td>40</td>
<td>18</td>
<td>7</td>
</tr>
</tbody>
</table>

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Melker Cuffed Emergency Cricothyrotomy Catheter Set

CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

INTENDED USE: The Melker Cuffed Emergency Cricothyrotomy Catheter Set is intended to establish emergency airway access when endotracheal intubation cannot be performed. Airway access is achieved utilizing the surgical technique via the cricothyroid membrane.

CONTRAINDICATIONS: None known.

WARNINGS: The Melker Cuffed Emergency Cricothyrotomy Catheter Set is not specifically designed for pediatric applications. Use with pediatric patients should be determined by the attending physician. Consideration should be given to the following medical and anatomic conditions and/or therapies: - Distorted anatomy - Subcutaneous abscess - Necrotic tissue - Scarring/radiation - Coagulopathies or systemic thrombolytic therapy

See package insert for full product information.
Melker Emergency Cricothyrotomy Catheter Set

Seldinger

Intended to establish emergency airway access when endotracheal intubation cannot be performed.

**FEATURES AND BENEFITS**

- Airway access is achieved by using the Seldinger technique via the cricothyroid membrane.
- The uncuffed airway catheter comes in three sizes.

**COMPONENTS**

- Melker Emergency Cricothyrotomy Catheter
- Introducer needle
- PTFE catheter introducer needle
- 6 mL syringe
- #15 mini scalpel
- Amplatz Extra-Stiff Support Wire Guide
- Curved dilator
- Tracheostomy tape

### Order Number | Reference Part Number | Catheter Length cm | Catheter ID mm | Catheter OD mm | Wire Diameter inch | Wire Length cm | Needle Gauge | Needle Length cm
--- | --- | --- | --- | --- | --- | --- | --- | ---
G06245 | C-TCCS-350 | 3.8 | 3.5 | 5.1 | 0.38 | 30 | 18 | 4
G06246 | C-TCCS-400 | 4 | 4.2 | 5.9 | 0.38 | 30 | 18 | 4
G04652 | C-TCCS-600 | 7.5 | 6 | 8.8 | 0.38 | 40 | 18 | 7

Set Including Tracheostomy Tube Plug

G07546 | C-TCCS-400-TT | 7.5 | 4 | 5.9 | 0.38 | 40 | 18 | 7

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

**Melker Cuffed and Uncuffed Emergency Cricothyrotomy Catheter Sets**

**CAUTION:** U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

**INTENDED USE:** Melker Cuffed and Uncuffed Emergency Cricothyrotomy Catheter Sets are intended to establish emergency airway access when endotracheal intubation cannot be performed. Airway access is achieved using percutaneous entry (Seldinger) technique via the cricothyroid membrane. Subsequent dilation of the tract and tracheal entrance site permits passage of the emergency airway catheter.

**CONTRAINDICATIONS:** No absolute contraindications known.

**WARNINGS:** The Melker Cuffed and Uncuffed Emergency Cricothyrotomy Catheter Sets are not specifically designed for pediatric applications. Use with pediatric patients should be determined by attending physician. Consideration should be given to the following medical and anatomic conditions: Obstructed anatomy, Subcutaneous abscess, Hematoma, Post-operative scar/craniotomy + Coagulopathy or systemic thrombolytic therapy.

See package insert for full product information.
Melker Cuffed Emergency Cricothyrotomy Catheter Set
Surgical
Intended to establish emergency airway access when endotracheal intubation cannot be performed.

FEATURES AND BENEFITS
• This comprehensive and compact set provides you with everything you need.
• Airway access is achieved by using the surgical technique via the cricothyroid membrane.
• The surgical set is supplied in a compact package for easy storage.
• The airway catheter is cuffed to protect and control the airway after it is placed.

COMPONENTS
• Melker Cuffed Emergency Cricothyrotomy Catheter
• Safety scalpel
• Trousseau dilator
• Tracheal hook
• Blunt, curved dilator
• 6 mL syringe
• Tracheostomy tape

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>Catheter OD mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G30488</td>
<td>C-TCCSB-500-SUR</td>
<td>9</td>
<td>5</td>
<td>7.2</td>
</tr>
</tbody>
</table>

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Melker Cuffed Emergency Cricothyrotomy Catheter Set
CAUTION: U.S. federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioner).

INTENDED USE: The Melker Cuffed Emergency Cricothyrotomy Catheter Set is intended to establish emergency airway access when endotracheal intubation cannot be performed. Airway access is achieved utilizing the surgical technique via the cricothyroid membrane.

CONTRAINdications: None known

WARNINGS: The Melker Cuffed Emergency Cricothyrotomy Catheter Set is not specifically designed for pediatric applications. Use with pediatric patients should be determined by the attending physician. Consideration should be given to the following medical and anatomic conditions and/or therapies - Distorted anatomy - Subcutaneous abscess - Hematoma - Scarring/radiation - Congestive edema or systemic thrombolytic therapy

See package insert for full product information.
Melker Emergency Special-Operations Cricothyrotomy Catheter Set
Seldinger
Intended to establish emergency airway access when endotracheal intubation cannot be performed.

FEATURES AND BENEFITS
• Supplied in a slip-peel pouch for easy transportation.
• The dilators are preinserted into the airway catheters for quick access.
• Uses the Seldinger technique via the cricothyroid membrane for less invasive access.
• The special-operations set includes two introducer needles, 5 cm and 7 cm long, to address a variety of patient anatomies.
• The Melker Emergency Cuffed Cricothyrotomy Catheter is cuffed to protect and control the airway after it is placed. The set with the uncuffed catheter comes with two airway catheter size options.

COMPONENTS
• Melker Emergency Cricothyrotomy Catheter
• Two 18 gage introducer needles, 5 cm and 7 cm long
• 6 mL syringe
• #15 mini scalpel
• Amplatz Extra-Stiff Support Wire Guide
• Curved dilator
• Tracheostomy tape

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>Catheter OD mm</th>
<th>Wire Diameter inch</th>
<th>Wire Length cm</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special-Operations Set–Cuffed</td>
<td>G26924 C-TCCSB-500-SPOPS</td>
<td>9</td>
<td>5</td>
<td>7.2</td>
<td>.038</td>
<td>40</td>
<td>18</td>
<td>5,7</td>
</tr>
<tr>
<td>Special-Operations Set–Uncuffed</td>
<td>G10699 C-TCCS-600-SPOPS</td>
<td>4.2, 7.5</td>
<td>4, 6</td>
<td>6, 8.8</td>
<td>.038</td>
<td>40</td>
<td>18</td>
<td>5,7</td>
</tr>
</tbody>
</table>

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Melker Cuffed Emergency Cricothyrotomy Catheter Set

CAUTION: U.S. Federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioners).

INTENDED USE: The Melker Cuffed Emergency Cricothyrotomy Catheter Set is intended to establish emergency airway access when endotracheal intubation cannot be performed. Airway access is achieved utilizing the surgical technique via the cricothyroid membrane.

CONTRAINDICATIONS: None known

WARNINGS: The Melker Cuffed Emergency Cricothyrotomy Catheter Set is not specifically designed for pediatric applications. Use with pediatric patients should be determined by the attending physician. Consideration should be given to the following medical and anatomic conditions and/or therapies: - Distorted anatomy - Subcutaneous abscess - Hematoma - Scarring/hyalization - Coagulopathy or systemic thrombolytic therapy

See package insert for full product information.
Enk Oxygen Flow Modulator Set

Intended for emergency transtracheal catheter ventilation when conventional ventilation by mask or endotracheal tube cannot be performed.

FEATURES AND BENEFITS

• The set provides clinicians with a compact solution for quickly establishing an airway and using jet ventilation to stabilize a patient in an emergent situation.
• The wire-reinforced catheter is designed to resist kinking and prevent the airway device from collapsing after it is placed.
• The catheter connects to Luer lock adapters to allow oxygen delivery.

COMPONENTS

• Enk Oxygen Flow Modulator
• Reinforced FEP catheter with introducer needle
• Vinyl connecting tube
• Syringe

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>Catheter Needle gage</th>
<th>Connecting Tube Length cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>G13145</td>
<td>C-EFMS-101</td>
<td>6</td>
<td>5</td>
<td>2</td>
<td>15</td>
<td>210</td>
</tr>
<tr>
<td>G12398</td>
<td>C-EFMS-100</td>
<td>6</td>
<td>7.5</td>
<td>2</td>
<td>15</td>
<td>210</td>
</tr>
</tbody>
</table>

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.

Emergency Transtracheal Airway Catheter with Enk Oxygen Flow Modulator

CAUTION: U.S. Federal law restricts this device to sale by or on the order of a physician (or properly licensed practitioners).

INTENDED USE: The Emergency Transtracheal Airway Catheter is intended for emergency airway access when conventional endotracheal intubation cannot be performed. The Enk Oxygen Flow Modulator allows manually controlled oxygen flow and is intended for emergency transtracheal catheter ventilation when conventional ventilation by mask or endotracheal tube cannot be performed.

CONTRAINDICATIONS: None known

WARNINGS: Firm control must be applied to the transtracheal catheter to maintain position fully within the trachea at all times during use. High oxygen pressure may cause an unsecured catheter to become dislodged from the airway, resulting in subcutaneous emphysema. The Emergency Transtracheal Airway Catheter with Enk Oxygen Flow Modulator is not specifically designed for pediatric applications. Use with pediatric patients should be determined by attending physician.

POTENTIAL ADVERSE EVENTS: Aspiration - Barotrauma - Bleeding - Catheter dislodgment - Hematoma - Pneumomediastinum - Subcutaneous emphysema - Tracheoesophageal fistula

See package insert for full product information.
Emergency Transtracheal Airway Catheter

Intended for emergency airway access when conventional endotracheal intubation cannot be performed.

FEATURES AND BENEFITS

• The catheter is coil reinforced to prevent kinking.

COMPONENTS

• Emergency Transtracheal Airway Catheter
• Preassembled introducer needle
• Reinforced FEP catheter

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>Catheter Needle gage</th>
</tr>
</thead>
<tbody>
<tr>
<td>G10338</td>
<td>C-DTJV-6.0-5.0-BTT</td>
<td>6</td>
<td>5</td>
<td>2</td>
<td>15</td>
</tr>
<tr>
<td>G09413</td>
<td>C-DTJV-6.0-7.5-BTT</td>
<td>6</td>
<td>7.5</td>
<td>2</td>
<td>15</td>
</tr>
</tbody>
</table>

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.
When seconds matter, what’s your plan?

At cookairway.com/seconds, you can:

- Discover our comprehensive line of airway products.
- Request a product demonstration.
- Contact a Cook Medical representative who can assist you with your airway action needs.
Difficult Airway Resources

All resource content is for informational purposes only. Cook Medical makes no claims regarding the accuracy or completeness of any information at these sites.

**Education & Training**

The Airway Site
theairwaysite.com

Airway On Demand
airwayondemand.com

AIME (Airway Interventions & Management in Emergencies)
aimeairway.ca

**Societies**

Society for Airway Management
samhq.com

Difficult Airway Society
das.uk.com

American Society of Anesthesiologists
asahq.org

American College of Emergency Physicians
acep.org