EMERGENCY MEDICINE & TRAUMA PRODUCTS
Cook Medical offers a comprehensive selection of products for emergency medicine to aid in the resuscitation and treatment of your patients. Our devices have been engineered to provide you with simple and minimally invasive solutions for numerous issues critically ill or injured patients face, including airway obstruction, difficulty breathing and loss of fluid.

**Airway**
Airways are usually the initial focus in the resuscitation of a critically ill or injured patient, but sometimes conventional endotracheal intubation can be difficult or even impossible in individuals with challenging anatomy or serious trauma. For these situations, Cook has developed a variety of emergency devices to help you obtain airway access.

**Breathing**
Often the inability to maintain proper air exchange may be a direct result of abnormal chest wall dynamics such as pneumothorax. Cook offers an extensive line of drainage catheters for removing both air and fluid from the pleural space. Available in straight and pigtail designs, these catheters are placed either with the Seldinger technique or by direct puncture.

**Circulation**
Correcting circulation problems is another crucial step in emergency care, because the rapid replacement of fluid volume is imperative in the treatment of shock. Cook’s intraosseous infusion needles can be used to infuse drugs or fluids when intravenous access is not possible during pediatric emergencies.
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Melker Universal Emergency Cricothyrotomy Catheter Set

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

FEATURES & BENEFITS

• Airway access is achieved by percutaneous entry (Seldinger) or surgical technique via the cricothyroid membrane.
• Catheter is cuffed to protect and control airway.

COMPONENTS

Seldinger Technique

• Introducer needle
• FEP catheter introducer needle
• Wire guide
• Curved dilator
• Cuffed airway catheter

Surgical Technique

• #11 safety scalpel
• Trousseau dilator
• Tracheal hook
• Blunt, curved dilator

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.
Melker Emergency Cricothyrotomy Catheter Set
CUFFED
Used for emergency airway access when conventional endotracheal intubation cannot be performed.

FEATURES & BENEFITS
• Airway access is achieved by standard wire-guided (Seldinger) technique via the cricothyroid membrane.
• Subsequent dilation of the tract and tracheal entrance site permits passage of the emergency airway.
• Catheter is cuffed to protect and control airway once placed.
• Airway catheter is radiopaque and has standard 15 mm connector.

COMPONENTS
• Introducer needles
• FEP catheter introducer needle
• Syringe
• Scalpel
• Wire guide
• Curved dilator
• Cuffed airway catheter

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
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<th>Catheter Length cm</th>
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<tr>
<td>G29432</td>
<td>C-TCCSB-500</td>
<td>5</td>
<td>9</td>
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Special Operations*

| G26924       | C-TCCSB-500-SPOPS      | 5                     | 9                  |

*5 mm catheter in a slip peel-pouch package for easy transportation.
Melker Emergency Cricothyrotomy Catheter Set

UNCUFFED

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

FEATURES & BENEFITS

- Airway access is achieved by standard wire-guided (Seldinger) technique via the cricothyroid membrane.
- Subsequent dilation of the tract and tracheal entrance site permits passage of the emergency airway.
- Airway catheter is radiopaque and has standard 15 mm connector.

COMPONENTS

- Introducer needle
- FEP catheter introducer needle
- Syringe
- Scalpel
- Wire guide
- Curved dilator
- Airway catheter

### Order Number | Reference Part Number | Airway Catheter ID mm | Catheter Length cm
---|---|---|---
G06245 | C-TCCS-350 | 3.5 | 3.8
G06246 | C-TCCS-400 | 4 | 4.2
G04652 | C-TCCS-600 | 6 | 7.5

### Special Operations*

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*Combines 4 mm catheter with 6 mm catheter in a slip peel-pouch package for easy transportation.
Aintree Intubation Catheter

Used for fiberoptic-guided placement of endotracheal or nasotracheal tubes. Also used for the exchange of laryngeal mask airway and endotracheal tubes using a fiberoptic bronchoscope.

**FEATURES & BENEFITS**

- Large 4.7 mm inner diameter accepts fiberoptic bronchoscope.
- Blunt tip is atraumatic to internal structures.
- Distal sideports help to ensure sufficient airflow and prevent catheter from whipping during jet ventilation.
- Centimeter markings facilitate accurate placement with endotracheal tubes.
- Removable Rapi-Fit® Adapter with 15 mm and Luer lock connectors permits use of ventilatory device if necessary during exchange procedure.

**COMPONENTS**

- Radiopaque 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>
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¹Endotracheal tube not included.
Difficult Airway

Frova Intubating Introducer
Used to facilitate endotracheal intubation.

FEATURES & BENEFITS

• Blunt, curved tip can be passed blindly into the trachea when visualization of the glottis is inadequate to guide placement of endotracheal tube.
• Distal sideports help ensure sufficient airflow and prevent catheter from whipping during jet ventilation.
• Centimeter markings facilitate accurate placement with endotracheal tubes.
• Radiopaque to enhance x-ray visualization.
• Removable Rapi-Fit® Adapter with 15 mm and Luer lock connectors permits use of ventilatory device if necessary during intubation procedure.
• Memory retention allows shaping to individual preferences and needs.

COMPONENTS

• Radiopaque 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 OD mm</th>
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\(^1\)Endotracheal tube not included.
\(^2\)Supplied in boxes of 10.

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Cook® Airway Exchange Catheter

Used to facilitate uncomplicated, atraumatic endotracheal tube exchange.

FEATURES & BENEFITS

• Blunt tip is atraumatic to internal structures.
• Distal sideports help ensure sufficient airflow and prevent catheter from whipping during jet ventilation.
• Centimeter markings facilitate accurate placement with endotracheal tubes.
• Radiopaque to enhance x-ray visualization.
• Removable Rapi-Fit® Adapter with 15 mm and Luer lock connectors permits use of ventilatory device if necessary during exchange procedure.

COMPONENTS

• Radiopaque 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>
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1Endotracheal tube not included.
### Enk Oxygen Flow Modulator Set

Used with emergency transtracheal catheter ventilation when conventional ventilation by mask or endotracheal tube cannot be performed.

#### FEATURES & BENEFITS
- Allows manually controlled oxygen flow.
- Kink-resistant, wire-reinforced catheter prevents collapse once placed.
- Includes Emergency Transtracheal Airway Catheter tubing for attachment to oxygen source and Enk flow modulator.

#### COMPONENTS
- Catheter needle
- Syringe
- Enk Oxygen Flow Modulator
- Emergency Transtracheal Airway Catheter tubing

### Order Information

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<th>Order Number</th>
<th>Reference Part Number</th>
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<td>7.5</td>
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</table>
Cook® Retrograde Intubation Set
Used to assist in the placement of an endotracheal tube during difficult airway access procedures.

FEATURES & BENEFITS
- Initial access using the Seldinger technique via the cricothyroid membrane permits retrograde (cephalad-directed) placement of a wire guide exiting orally or nasally.
- Antegrade introduction of a hollow guiding catheter with distal sideports and Rapi-Fit® Adapters allows patient oxygenation and facilitates placement of an endotracheal tube.

COMPONENTS
- Introducer needle
- FEP introducer needle
- Syringe
- Wire guide with positioning marks
- Guiding catheter
- Rapi-Fit Adapter (15 mm connector)
- Rapi-Fit Adapter (Luer lock connector)
- Hemostat

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<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>
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<td>C-RETRO-14.0-70-38J-110-CAE</td>
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<td>70</td>
<td>0.38</td>
<td>110</td>
<td>straight and 3 mm &quot;J&quot;</td>
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</table>
Simple Pneumothorax Aspiration Accessory Set

Used in conjunction with pneumothorax aspiration catheters if incomplete expansion of the lung persists after mechanical aspiration of air.

FEATURES & BENEFITS
- Cook Chest Drain Valve permits continued re-expansion of the lung by natural forces, preventing inadvertent backflow of air into the pleural space.

COMPONENTS
- Cook Chest Drain Valve
- Connecting tube

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<table>
<thead>
<tr>
<th>Order Number</th>
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<th>Connecting Tube Fr</th>
<th>Connecting Tube Length cm</th>
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</table>
Cook® Emergency Pneumothorax Set

Used for emergency relief and temporary management of suspected tension pneumothorax.

FEATURES & BENEFITS
- Catheter-over-needle placement facilitates controlled, minimally invasive catheter introduction.
- Reinforced catheter prevents collapse.

COMPONENTS
- Catheter introducer needle
- Molnar disk
- Syringe

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Needle gage</th>
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<td>8.7</td>
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<td>lancet</td>
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<td>Prehospital Set</td>
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<td>G55522</td>
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<td>8.5</td>
<td>8.7</td>
<td>15</td>
<td>lancet</td>
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</table>

*Supplied with Cook Chest Drain Valve, one-way stopcock, connecting tube, catheter fixation device, transparent tape.
# Centesis and Drainage

## Pneumothorax Set

Used for relief of simple, spontaneous or iatrogenic pneumothorax and tension pneumothorax.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Material</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
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<td>PTFE</td>
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<td></td>
<td>G03302 C-TPT-200</td>
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<td>18</td>
<td>20</td>
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</table>

### FEATURES & BENEFITS
- Trocar placement.
- Adapter on tubing can be connected to a suction apparatus or the Cook Chest Drain Valve.
- Radiopaque catheter enhances x-ray visualization.

### COMPONENTS
- Needle
- Radiopaque catheter
- Cook Chest Drain Valve
- One-way stopcock
- Connecting tube
Wayne Pneumothorax Set

**TROCAR**

Used for the relief of simple, spontaneous, iatrogenic and tension pneumothorax.

**FEATURES & BENEFITS**
- Seldinger or trocar placement.
- Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
- Enlarged sideports enhance drainage of air.
- Radiopaque catheter enhances x-ray visualization.

**COMPONENTS**
- Trocar Set
  - Needle obturator
  - Pigtail catheter
  - Cook Chest Drain Valve
  - Scalpel
  - Three-way stopcock
  - Connecting tube

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
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</table>
Wayne Pneumothorax Set

Seldinger Set

Used for the relief of simple, spontaneous, iatrogenic and tension pneumothorax.

COMPONENTS

- EchoTip® echogenic introducer needle
- Introducer needle
- Wire guide
- Dilator
- Pigtail catheter
- Cook Chest Drain Valve
- Scalpel
- Three-way stopcock
- Connecting tube

Order Number | Reference Part Number | Catheter Fr | Catheter Length cm | Catheter Sideports | Needle gage | Needle Length cm
---|---|---|---|---|---|---
Seldinger Set | G11182 C-UTPT-1400-WAYNE-112497 | 14.0 | 29 | 19 | 18 | 5, 9
Centesis and Drainage

Thal-Quick Chest Tube Set
Used for pleural fluid drainage.

FEATURES & BENEFITS
• Percutaneous (Seldinger) placement facilitates controlled, minimally invasive catheter introduction.
• EchoTip® echogenic introducer needle enhances needle tip visibility under ultrasound imaging.
• Radiopaque catheter enhances x-ray visualization.
• Centimeter-marked dilator facilitates controlled insertion of chest tube into the pleural cavity.

COMPONENTS
• Scalpel
• EchoTip echogenic introducer needle
• Amplatz Extra-Stiff Wire Guide
• Marked dilator
• Chest tube inserter
• Thal-Quick Chest Tube

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
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Disposable Intraosseous Infusion Needle

**DIECKMANN MODIFICATION – STANDARD HUB DESIGN**

Used as an alternative to intravenous access, permitting infusion of drugs and fluids during pediatric emergencies.

**FEATURES & BENEFITS**
- Two laterally opposed sideports positioned near needle cannula distal tip ensure proper flow if needle tip is obstructed by posterior bone cortex.
- Positioning mark 1 cm proximal to needle cannula tip provides visual reference point for depth determination.

<table>
<thead>
<tr>
<th>Order Number</th>
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**Dieckmann Modification – Stainless Steel Hub Design**

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<td>G10722</td>
<td>C-DIN-15.5-3.0-T45-DKM-HD</td>
<td>15.5</td>
<td>3</td>
</tr>
</tbody>
</table>
Disposable Intraosseous Infusion Needle

STANDARD TIP DESIGN

Used as an alternative to intravenous access, permitting infusion of drugs and fluids during pediatric emergencies.

FEATURES & BENEFITS

- Positioning mark 1 cm proximal to needle cannula tip provides visual reference point for depth determination.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
</tr>
</thead>
</table>
| Standard Tip Design
Trocar
G05202       | C-DIN-14-3.0-T45       | 14.0        | 3                |
G04320       | C-DIN-16-3.0-T45       | 16.0        | 3                |
G04153       | C-DIN-16-4.0-T45       | 16.0        | 4                |
G06606       | C-DIN-18-2.5-T45       | 18.0        | 2.5              |
G04431       | C-DIN-18-3.0-T45       | 18.0        | 3                |
G04087       | C-DIN-18-4.0-T45       | 18.0        | 4                |
## Educational Materials

### Difficult Airway

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
<th>Media</th>
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</thead>
<tbody>
<tr>
<td>CC-DD-FROVA-0904-033-03EN</td>
<td>Frova Intubating Introducer</td>
<td>CD-ROM</td>
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<tr>
<td>CC-BDS-TCCS-ML-200905</td>
<td>Melker Emergency Cricothyotomy Catheter</td>
<td>CD-ROM</td>
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<tr>
<td>CC-BD-AIC-ML-EN-200806</td>
<td>Aintree Intubation Catheter</td>
<td>DVD</td>
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<td>CC-BD-DACD-EN-200807</td>
<td>Difficult Airway Products</td>
<td>CD-ROM</td>
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</tbody>
</table>

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.
Centesis and Drainage

DVD

CC-BD-CAD-EN-200904