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, as 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.
Contents

Difficult Airway
4 Melker Universal Emergency Cricothyrotomy Catheter Sets
5 Melker Emergency Cricothyrotomy Catheter Sets - Cuffed
6 Melker Emergency Cricothyrotomy Catheter Sets - Uncuffed
7 Aintree Intubation Catheter
8 Frova Intubating Introducer
9 Cook Airway Exchange Catheter
10 Enk Oxygen Flow Modulator Sets
11 Cook Retrograde Intubation Set

Centesis and Drainage
12 Cook Chest Drain Valve
13 Simple Pneumothorax Aspiration Accessory Set
14 Cook Emergency Pneumothorax Set
   Cook Emergency Pneumothorax Set—Pre-Hospital Set
15 Pneumothorax Sets and Trays
16 Wayne Pneumothorax Catheters—Trocar
17 Wayne Pneumothorax Catheters—Seldinger
18 Thal-Quick Chest Tube Sets
19 Thal-Quick Chest Tube Trays

Volume Resuscitation
20 Disposable Intraosseous Infusion Needles—Dieckmann Modification
21 Disposable Intraosseous Infusion Needles—Standard Tip Design

Educational Materials
22 Difficult Airway
23 Centesis and Drainage
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.

COMPONENTS

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

Surgical Technique
- #11 safety scalpel
- Trousseau dilators
- Tracheal hook
- Blunt, curved dilator
- Trach tape

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
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<td>G32193</td>
<td>C-TCCSB-500-UNI</td>
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</table>
Melker Emergency Cricothyrotomy Catheter Sets
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
• Two 18 gage introducer needles, 5 and 7 cm
• FEP catheter introducer needle
• Syringe
• Scalpel
• Wire guide
• Curved dilator
• Cuffed airway catheter

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
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<th>Catheter ID mm</th>
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Special Operations *

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

**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

## Intended for one-time use.

### Product Information

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<tr>
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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 to accept 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)

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
<th>For Placement of ET Tubes1 w/ID mm</th>
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1Endotracheal tube not included.
**Cook Retrograde Intubation set with Rapi-Fit® Adapter**

Used to assist in the placement of an endotracheal tube during difficult airway access procedures.

**FEATURES & BENEFITS**

- Initial access utilizing 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**

- **Radiopaque catheter**
- **Rapi-Fit Adapter (15 mm connector)**
- **Rapi-Fit Adapter (Luer lock connector)**

Intended for one-time use.

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**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)

Intended for one-time use.

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<table>
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<tr>
<th>Global Product Number</th>
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<td><strong>Without Stiffening Cannula</strong></td>
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<td><strong>Without Stiffening Cannula and without Rapi-Fit Adapter</strong></td>
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<td>65</td>
<td>3.0</td>
<td>≥ 6</td>
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</table>

1. Endotracheal tube not included.
2. Supplied as box of 10 catheters only.
Cook Airway Exchange Catheter
Used to facilitate uncomplicated, atraumatic endotracheal tube exchange.

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 exchange procedure.

COMPONENTS
• Radiopaque catheter
• Rapi-Fit Adapter (15 mm connector)
• Rapi-Fit Adapter (Luer lock connector)

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
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<th>Catheter ID mm</th>
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</table>

1Endotracheal tube not included.
Enk Oxygen Flow Modulator Sets
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 to prevent 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

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
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<td>7.5</td>
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</tbody>
</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

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Wire Guide Diameter in</th>
<th>Wire Guide Length cm</th>
<th>Wire Guide Tip</th>
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</thead>
</table>
Cook Chest Drain Valve
Used in conjunction with a pleural drainage catheter to help remove air from the pleural cavity.

FEATURES & BENEFITS
- One-way valve allows air to flow out of the pleural space when open, then closes to prevent air from re-entering.
- Can be used during transport of patients who require pleural drainage catheters to be in place for longer durations, or for outpatient procedures.

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
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<tbody>
<tr>
<td>G36370</td>
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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

<table>
<thead>
<tr>
<th>Global Product Number</th>
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Intended for one-time use.
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

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
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</table>

¹ Set also includes Cook Chest Drain Valve, tinted ChloraPrep®, one-way stopcock, transparent tape, alcohol prep.
² Set also includes Cook Chest Drain Valve, one-way stopcock, transparent tape.
³ Set also includes tinted ChloraPrep.
⁴ Set includes catheter introducer needle in a slip peel-pouch package for easy transportation.
# Pneumothorax Sets and Trays

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

## 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

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Catheter Material</th>
<th>Catheter Fr</th>
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</table>
Wayne Pneumothorax Catheters

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

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
<th>Needle Gage</th>
<th>Needle Length cm</th>
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<tbody>
<tr>
<td>Trocar Sets</td>
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<td>G09922</td>
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<td>20</td>
<td>19</td>
<td>16.5</td>
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</table>
Wayne Pneumothorax Catheters

SELDINGER

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

COMPONENTS

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

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
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<td>19</td>
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</table>

*Tray also contains 22 and 25 gage needle, ChloroPrep®, gauze sponges, syringes, lidocaine, drape, suture with needle and needle holder cup.

ChloroPrep is a registered trademark of CareFusion 2200, Inc.
Thal-Quick Chest Tube Sets

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.
• 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

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Fr</th>
<th>Length cm</th>
<th>Sideports</th>
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<tbody>
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<tr>
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<td>C-TQTS-3600</td>
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<td>4</td>
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</tbody>
</table>
**Thal-Quick Chest Tube Trays**

Used for pleural fluid drainage.

**COMPONENTS**

- Scalpel
- EchoTip® echogenic introducer needle
- Amplatz Extra-Stiff Wire Guide
- Dilators
- Chest tube inserter
- Thal-Quick Chest Tube
- 25 and 22 gage needle
- Lidocaine
- Chlorhexidine
- Fenestrated drape
- Gauze sponges
- Disposable syringes
- Suture with needle
- Povidone-iodine ointment
- CSR wrap
- Prep tray
- Needle holder cup

Intended for one-time use.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Fr</th>
<th>Length cm</th>
<th>Sideports</th>
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<td>G07244</td>
<td>C-TQTSY-3600</td>
<td>36.0</td>
<td>41</td>
<td>4</td>
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</tbody>
</table>
Disposable Intraosseous Infusion Needles
DIECKMANN MODIFICATION – STANDARD HUB DESIGN

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

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>Global Product Number</th>
<th>Order Number</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
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<tbody>
<tr>
<td>Dieckmann Modification – Standard Hub Design Trocar</td>
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<td>G04958</td>
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<td>G10722</td>
<td>C-DIN-15.5-3.0-T45-DKM-HD</td>
<td>15.5</td>
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</tbody>
</table>
Disposable Intraosseous Infusion Needles

STANDARD TIP DESIGN

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

FEATURES & BENEFITS

- Positioning mark 1 cm proximal to needle cannula tip provides visual reference point for depth determination.
- Optional silicone Molnar disc and pull tie may be used to stabilize needle at skin level.

<table>
<thead>
<tr>
<th>Global Product Number</th>
<th>Order Number</th>
<th>Needle gage</th>
<th>Needle Length cm</th>
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<tbody>
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<td>Trocar</td>
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<tr>
<td><strong>With Molnar Disc</strong></td>
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</table>
Management of the Difficult Airway
CD-ROM
CC-BD-DACD-EN-200807

Aintree Intubation Catheter
DVD
CC-BD-AIC-ML-EN-200806

Melker Emergency Cricothyrotomy Catheter
CD-ROM
CC-BDS-TCCS-ML-200905

Frova Intubating Introducer
CD-ROM
CC-C-FROVA-0604-033-02EN
Centesis and Drainage
DVD
CC-BD-CAD-EN-200904
Customer Service Centers

EMEA: EDI – www.cookmedical.com/edi.do
Distributors: +353 61239240, ssc.distributors@cookmedical.com
Austria: +43 179567121, oe.orders@cookmedical.com
Belgium: +32 27001633, be.orders@cookmedical.com
Denmark: +45 38487607, da.orders@cookmedical.com
France: +33 171230269, fr.orders@cookmedical.com
Germany: +49 6950072804, de.orders@cookmedical.com
Hungary: +36 17779199, hu.orders@cookmedical.com
Ireland: +353 61239252, ie.orders@cookmedical.com
Italy: +39 0269682853, it.orders@cookmedical.com
Netherlands: +31 202013367, nl.orders@cookmedical.com
Norway: +47 23162968, no.orders@cookmedical.com
Poland: +48 223060159, pl.orders@cookmedical.com
Spain: +34 912702691, es.orders@cookmedical.com
Sweden: +46 858769468, se.orders@cookmedical.com
Switzerland - French: +41 448009609, fr.orders@cookmedical.com
Switzerland - Italian: +41 448009609, it.orders@cookmedical.com
United Kingdom: +44 2073654183, uk.orders@cookmedical.com

Americas: EDI – www.cookmedical.com/edi.do
Phone: +1 812.339.2235, 800.457.4500, Fax: 800.554.8335,
E-mail: orders@cookmedical.com

Australia:
Phone: +61 738411188, 1800777222, Fax: +61 738411288, 1800077283,
E-mail: caucustserv@cookmedical.com

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