EMERGENCY MEDICINE
and TRAUMA PRODUCTS
Cook Medical offers a comprehensive selection of products for emergency medicine to aid in the resuscitation and treatment of patients. Our devices have been engineered to provide you with simple, minimally invasive solutions for the 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 with either 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 during emergencies when intravenous access is not possible.
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Rapi-Fit® Adapter
Intended to permit the use of a ventilatory device during exchange procedures.

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, exchange, or extubation procedures, if necessary.

Rapi-Fit adapters are included in most sets and the 14 Fr size may be ordered separately in a 15 mm option.

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.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>For Use with Catheter Fr</th>
<th>For Placement of ETT with ID mm</th>
<th>Adapter Type</th>
<th>Quantity</th>
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<tr>
<td>G33019</td>
<td>C-RFA-14.0-15-CAE³</td>
<td>14</td>
<td>6 or larger</td>
<td>15 mm</td>
<td>1</td>
</tr>
</tbody>
</table>

1. Endotracheal tube not included.
2. Rapi-Fit adapters can be used with 15 mm or Luer lock connectors. They are included in most intubation, airway exchange, and staged extubation sets.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.
Frova Intubating Introducer
Intended to facilitate endotracheal intubation in patients where the visualisation of the glottis is inadequate.

FEATURES and BENEFITS
- The blunt, curved tip can be passed blindly into the trachea when visualisation of the glottis is inadequate to guide the placement of the endotracheal tube.
- The optional stiffening cannula adds rigidity to the proximal and middle sections of the catheter, but the distal portion remains flexible.
- The lumen and distal sideports are designed to deliver oxygen.
- The centimetre 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 Fr</th>
<th>Introducer Length cm</th>
<th>For Placement of ETT1 with ID mm</th>
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<th>Quantity</th>
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<td>G12591</td>
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<td>15 mm and Luer lock</td>
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<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>
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<tr>
<td>Without Stiffening Cannula</td>
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<td></td>
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<td>G48303</td>
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<td>6 or larger</td>
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<td>1</td>
</tr>
</tbody>
</table>

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

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
Intended for assisted fibreoptic 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 visualisation.
• The centimetre marks facilitate accurate alignment with endotracheal tubes.
• The removable Rapi-Fit® adapters permit oxygen delivery, if necessary.

COMPONENTS
• Aintree Intubation Catheter
• Bronchoscopic port
• 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 Placement of ETT* with ID mm</th>
<th>Includes Adapter Type</th>
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<tr>
<td>G10789</td>
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<td>56</td>
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<td>7 or larger</td>
<td>15 mm and Luer lock</td>
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</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® Retrograde Intubation Set**

Intended to assist in the placement of an endotracheal tube during difficult or emergency airway access procedures where visualisation 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 the placement of an endotracheal tube.

**COMPONENTS**

- Retrograde Intubation Catheter
- Introducer needle
- PTFE introducer needle
- Syringe
- Straight and 3 mm J-tip wire guide with positioning marks
- Haemostat
- 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>
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<td>.038/.97</td>
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**Replacement Wire Guide²**

<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>
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<th>Includes Adapter Type</th>
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<td>-</td>
<td>.038/.97</td>
<td>110</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

1. Endotracheal tube not included.
2. Haemostat 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 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 centimetre 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>
<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>
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<td>3 or larger</td>
<td>15 mm and Luer lock</td>
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<td>G06732</td>
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<td>83</td>
<td>2.3</td>
<td>4 or larger</td>
<td>15 mm and Luer lock</td>
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<td>G07873</td>
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<td>14</td>
<td>83</td>
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<td>5 or larger</td>
<td>15 mm and Luer lock</td>
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<td>G05880</td>
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<td>19</td>
<td>83</td>
<td>3.4</td>
<td>7 or larger</td>
<td>15 mm and Luer lock</td>
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</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 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 centimetre 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>
<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>
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<th>Includes Adapter Type</th>
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<td>G36402</td>
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<td>100</td>
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<td>5 or larger 15 mm and Luer lock</td>
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*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

Intended for the exchange of laryngeal mask airways and endotracheal tubes using a fibreoptic 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 visualisation 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 manoeuvred.
• Distal sideports facilitate airflow.
• Removable Rapi-Fit® adapters permit the use of an oxygen source during an exchange procedure, if necessary.

COMPONENTS
• Arndt Airway Exchange Catheter
• Amplatz extra-stiff wire guide
• Bronchoscopic port
• 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</th>
<th>Wire Guide Length cm</th>
<th>For Exchange of ETT* with ID mm</th>
<th>Includes Adapter Type</th>
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<td>160</td>
<td>5 or larger</td>
<td>15 mm and Luer lock</td>
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</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.
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. You choose which technique you want to perform.
• The airway catheter is cuffed to protect and control the airway after placement.

COMPONENTS
• Melker Cuffed Cricothyrotomy Catheter
• PTFE catheter introducer needle
• Wire guide
• Syringe
• Scalpel
• Curved dilator
• Safety scalpel
• Trousseau dilator
• Tracheal hook
• Blunt, curved dilator
• Tracheostomy tape
• Needle holder cup
• Gauze sponges
• Drape
• CSR wrap

<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>
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<tbody>
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<td>G32442</td>
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<td>5</td>
<td>7.2</td>
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</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
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 placement.
• The Seldinger special-operations set comes in a slip-peel pouch for easy transportation, and the dilator is preinserted into the airway catheter.

COMPONENTS
• Melker Cuffed Cricothyrotomy Catheter
• Introducer needles
• PTFE catheter introducer needle
• Wire guide
• Syringe
• Curved dilator
• Safety scalpel
• 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>
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Special-Operations Set*

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<td>C-TCCSB-500-SPOPS</td>
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<td>5</td>
<td>7.2</td>
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*Supplied in a slip-peel pouch package for easy transportation. Includes two introducer needles, 5 cm long and 7 cm long. PTFE catheter introducer needle not included. Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.
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 a variety of sizes.
• The Seldinger special-operations set comes in a slip-peel pouch for easy transportation, and the dilator is preinserted into the airway catheter.

COMPONENTS
• Melker Cricothyrotomy Catheter
• Introducer needles
• PTFE catheter introducer needle
• Wire guide
• Syringe
• Curved dilator
• Safety scalpel

### FEATURES and BENEFITS

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Length cm</th>
<th>Catheter ID mm</th>
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**Set Including Tracheostomy Tube Plug**

<table>
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<th>Order Number</th>
<th>Reference Part Number</th>
<th>Small Catheter Length cm</th>
<th>Small Catheter ID mm</th>
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**Special-Operations Set***

<table>
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<th>Small Catheter OD mm</th>
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<th>Large Catheter ID mm</th>
<th>Large Catheter OD mm</th>
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<td>5.94</td>
<td>7.5</td>
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<td>8.8</td>
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</table>

*Supplied in a slip-peel pouch for easy transportation. Includes two introducer needles, 5 cm long and 7 cm long.
PTFE catheter introducer needle not included.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.
FEATURES and BENEFITS
• Airway access is achieved by using the surgical technique via the cricothyroid membrane.
• The surgical set is supplied in a compact package to allow easy storage.
• This comprehensive and compact set provides you with everything you need.
• The airway catheter is cuffed to protect and control the airway after placement.

COMPONENTS
• Melker Cuffed Cricothyrotomy Catheter
• Syringe
• Curved dilator
• Safety scalpel
• Trousseau dilator
• Tracheal hook
• Tracheostomy tape

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Length (cm)</th>
<th>Catheter ID (mm)</th>
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<td>7.2</td>
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Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.
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 stabilise a patient in an emergent situation.

• The wire-reinforced catheter is designed to resist kinking and prevent the airway device from collapsing after placement.

• The catheter connects to Luer lock adapters to allow oxygen delivery.

COMPONENTS

• Enk Oxygen Flow Modulator
• Emergency Transtracheal Airway Catheter
• 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>
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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

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

FEATURES and BENEFITS

• The wire-reinforced catheter is designed to resist kinking and prevent the device from collapsing after placement.

COMPONENTS

• Emergency Transtracheal Airway Catheter

<table>
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<th>Order Number</th>
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Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.
Pneumothorax Set
Trocar
Intended for the relief of simple, spontaneous, or iatrogenic pneumothorax and tension pneumothorax.

FEATURES and BENEFITS
• The adapter on the tubing can be connected to a suction apparatus or to the Cook Chest Drain Valve.
• The radiopaque catheter enhances x-ray visualisation.

COMPONENTS
• Radiopaque pneumothorax catheter
• Cook Chest Drain Valve
• One-way stopcock
• Connecting tube
• Needle

<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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Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.
Wayne Pneumothorax Set
Trocar
Intended for the relief of simple, spontaneous, or iatrogenic pneumothorax and tension pneumothorax.

FEATURES and BENEFITS
- The radiopaque polyurethane material is kink resistant.
- The catheter features multiple sideports to maximise drainage capabilities.
- The small-bore pigtail catheter design helps reduce trauma to internal anatomy.

COMPONENTS
- Wayne Pneumothorax Catheter
- Stainless steel needle obturator
- One-way chest drain valve
- Three-way stopcock
- Connecting tube
- #11 scalpel

<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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Wayne Pneumothorax Set
Seldinger
Intended for the relief of simple, spontaneous, or iatrogenic pneumothorax and tension pneumothorax.

FEATURES and BENEFITS
• Seldinger placement facilitates controlled, minimally invasive catheter introduction.
• The Seldinger set includes echogenic technology for convenience, consistency, and accuracy.
• The radiopaque polyurethane material is kink resistant.
• The catheter features multiple sideports to maximise drainage capabilities.
• The small-bore pigtail catheter design helps reduce trauma to internal anatomy.

COMPONENTS
• Wayne Pneumothorax Catheter
• Pigtail straightening obturator
• One-way chest drain valve
• Three-way stopcock
• Connecting tube
• #11 scalpel
• Wire guide
• 14 Fr dilator
• Needle holder cup

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
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*EchoTip® echogenic introducer needle.

Some products or part numbers may not be available in all markets. Contact your local Cook representative or Customer Service for details.
Cook® Emergency Pneumothorax Set
Intended for emergency relief and temporary management of suspected tension pneumothorax.

FEATURES and BENEFITS
• The catheter can be placed percutaneously by using a catheter-over-needle technique.
• The wire-reinforced catheter is designed to resist kinking and prevent the device from collapsing after placement.
• The Cook Chest Drain Valve permits the re-expansion of the lung, preventing inadvertent backflow of air into the pleural space.

COMPONENTS
• Cook Chest Drain Valve
• Catheter introducer needle
• One-way stopcock
• Connecting tube
• Catheter fixation device
• Syringe
• Transparent tape

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
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Catheter Aspiration Set for Simple Pneumothorax
Intended for relief of simple spontaneous or iatrogenic pneumothorax and tension pneumothorax.

FEATURES and BENEFITS
• Seldinger placement facilitates controlled, minimally invasive catheter introduction.
• The radiopaque catheter enhances x-ray visualisation.

COMPONENTS
• Aspiration catheter
• Three-way stopcock
• Wire guide
• Introducer needle

<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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Simple Pneumothorax Aspiration Accessory Set
Intended for use in conjunction with pneumothorax aspiration catheters if incomplete expansion of the lung persists after mechanical aspiration of air.

FEATURES and BENEFITS
• The set includes the Cook Chest Drain Valve, which permits the re-expansion of the lung. The re-expansion prevents inadvertent backflow of air into the pleural space.

COMPONENTS
• Cook Chest Drain Valve
• Connecting tube

<table>
<thead>
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<th>Order Number</th>
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FEATURES and BENEFITS
• Seldinger placement facilitates controlled, minimally invasive catheter introduction.
• The EchoTip® echogenic introducer needle enhances needle tip visibility under ultrasound imaging.
• The radiopaque catheter enhances x-ray visualisation.
• The marked dilator facilitates controlled insertion of the chest tube into the pleural cavity.

COMPONENTS
• Thal-Quick Chest Tube
• #11 scalpel
• EchoTip echogenic introducer needle
• Wire guide
• Centimetre-marked dilator
• Chest tube inserter

Thal-Quick Chest Tube Set
Single-Lumen
Intended for percutaneous introduction of a chest tube for pleural fluid drainage.

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
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<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
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</table>

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Thal-Quick Chest Tube Set
Double-Lumen
Intended for percutaneous introduction of a chest tube for pleural fluid drainage.

FEATURES and BENEFITS
- An additional lumen is available for aspiration or infusion.
- Sideports are positioned at the distal end of the chest tube.
- The radiopaque catheter enhances x-ray visualisation.
- The marked dilator facilitates controlled insertion of the chest tube into the pleural cavity.

COMPONENTS
- Thal-Quick Chest Tube
- #11 scalpel
- Multipurpose tubing adapter
- Introducer needle
- Wire guide
- Centimetre-marked dilator
- Chest tube inserter
- Needle holder cup

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Catheter Fr</th>
<th>Catheter Length cm</th>
<th>Catheter Sideports</th>
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Dieckmann Intraosseous Infusion Needle

High Density Hub Design

Intended for use as an alternative to intravenous access during paediatric emergencies, permitting the infusion of drugs and fluids.

FEATURES and BENEFITS

- The two laterally opposed sideports positioned near the distal tip of the needle cannula ensure flow if the needle tip is obstructed by posterior bone cortex.

COMPONENTS

- Dieckmann Intraosseous Infusion Needle

<table>
<thead>
<tr>
<th>Order Number</th>
<th>Reference Part Number</th>
<th>Needle gage</th>
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<th>Needle Sideports</th>
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Dieckmann Intraosseous Infusion Needle
Standard Hub Design

Intended for use as an alternative to intravenous access during paediatric emergencies, permitting the infusion of drugs and fluids.

FEATURES and BENEFITS

• The positioning mark that is 1 cm proximal to the needle cannula tip provides a visual reference point for depth determination.

COMPONENTS

• Dieckmann Intraosseous Infusion Needle

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

Intended for use as an alternative to intravenous access during paediatric emergencies, permitting the infusion of drugs and fluids.

FEATURES and BENEFITS

• The positioning mark that is 1 cm proximal to the needle cannula tip provides a visual reference point for depth determination.

COMPONENTS

• Intraosseous Infusion Needle

<table>
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<tr>
<th>Order Number</th>
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