

# Emergency Medicine & Trauma



**COOK<sup>®</sup>**



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# Airways

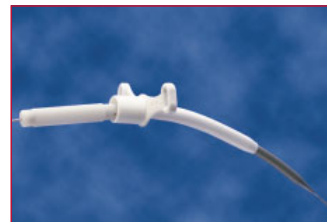
are the initial focus in the resuscitation of the seriously ill or injured patient. Conventional endotracheal intubation, the preferred treatment, may not be possible for patients with difficult anatomy or serious trauma.

For these situations, Cook Critical Care has developed a variety of emergency devices for obtaining an airway, including our retrograde intubation sets. Our intubating catheters, such as the Frova Intubating Introducer, also assist in difficult intubations.

When endotracheal intubation is just not possible and cricothyrotomy is indicated, Cook Critical Care can address that need through our diverse emergency cricothyrotomy sets, such as the Melker.

Our Melker cricothyrotomy set for Special Operations (SPOPS) meets the special needs of military and pre-hospital care providers. This set contains all of the necessary components for successful cricothyrotomy, yet fits into a compact space for easy transport.

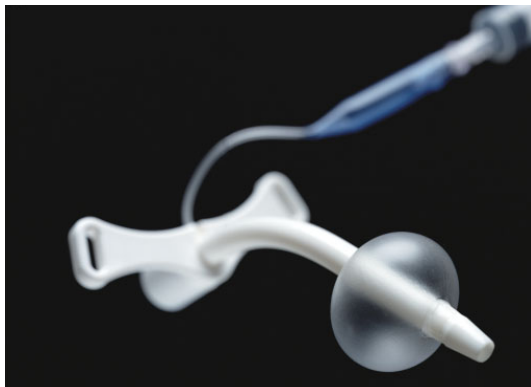
In addition, Cook's Enk flow modulator can provide a bridge from a standard oxygen source to a transtracheal catheter and allows the ability to control the flow of oxygen.



Melker Emergency Cricothyrotomy Catheter Set

## MELKER EMERGENCY CRICOTHYROTOMY CATHETER SETS

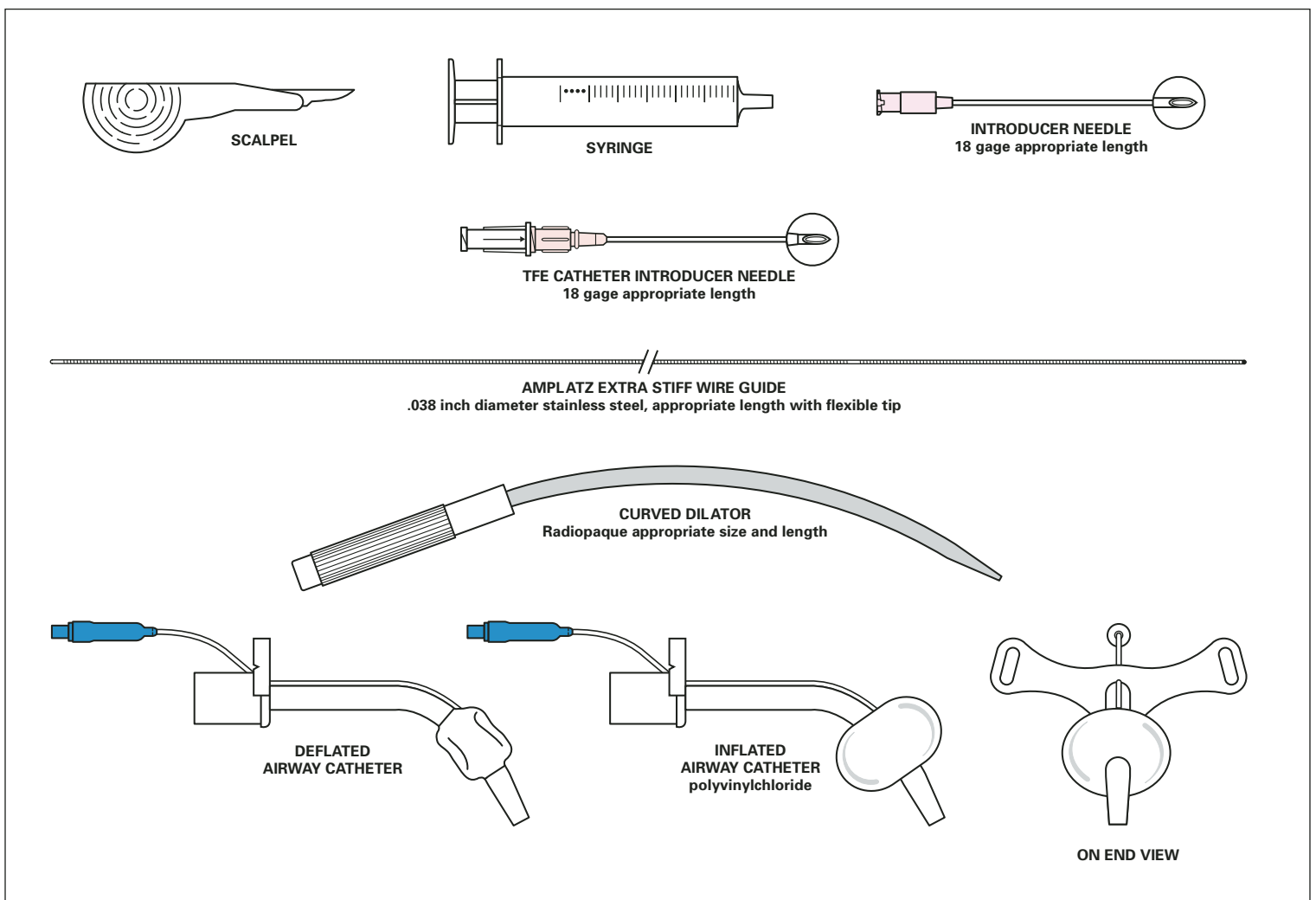
### CUFFED



Used for emergency airway access when conventional endotracheal intubation 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 is cuffed to protect and control airway.
- Airway catheter has radiopaque stripe.

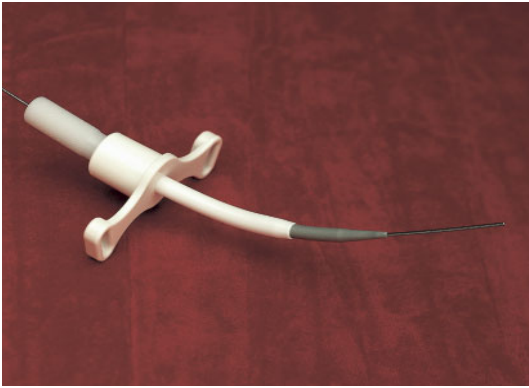
Supplied sterile in peel-open packages. Intended for one-time use.



SET ORDER NUMBER <sup>1</sup>	AIRWAY CATHETER		Global Product Number	Remarks
	Inner Diameter	Length		
C-TCCSB-500	5 mm	9 cm	G29432	
C-TCCSB-500-SPOPS	5 mm	9 cm	G26924	Custom packaged in slip peel-pouch design for easy transportation. Dilator is pre-inserted into airway catheter. Includes two 18 gage introducer needles, 5 cm and 7 cm.

<sup>1</sup>Set consists of items shown above and cloth tracheostomy tape strip for fixation of airway catheter.

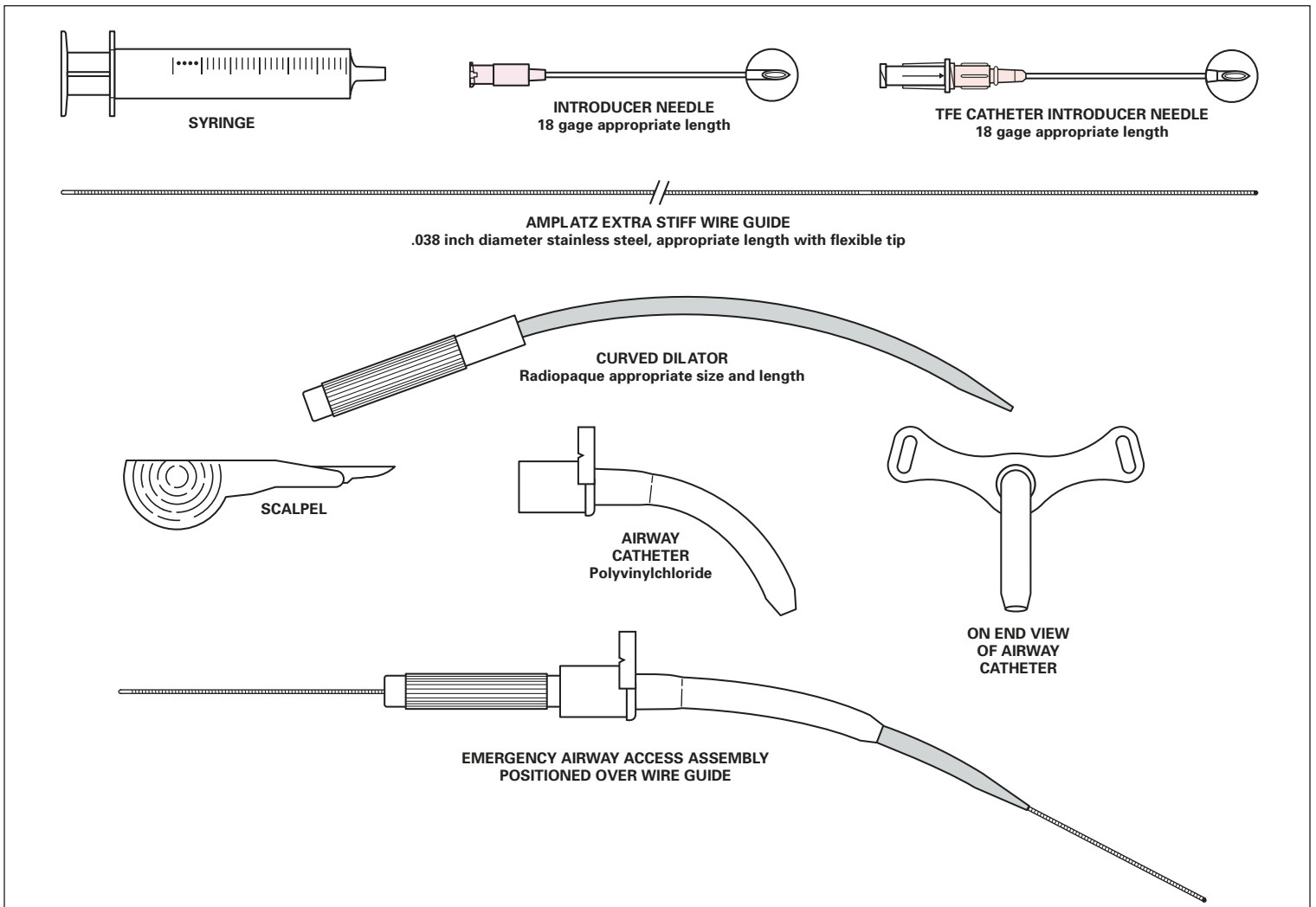
## MELKER EMERGENCY CRICOTHYROTOMY CATHETER SETS



Used for emergency airway access when endotracheal intubation 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.
- Airway catheter has radiopaque stripe.

Supplied sterile in peel-open packages. Intended for one-time use.

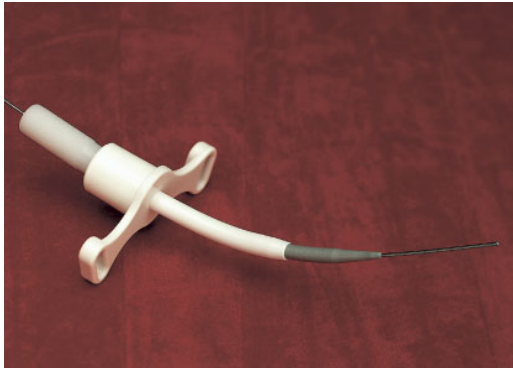


SET ORDER NUMBER <sup>1</sup>	AIRWAY CATHETER		Global Product Number
	Inner Diameter	Length	
C-TCCS-350	3.5 mm	3.8 cm	G06245
C-TCCS-400	4 mm	4.2 cm	G06246
C-TCCS-600	6 mm	7.5 cm	G04652

<sup>1</sup>Sets consist of items shown above and cloth tracheostomy tape strip for fixation of airway catheter.

# MELKER EMERGENCY CRICOTHYROTOMY CATHETER SET

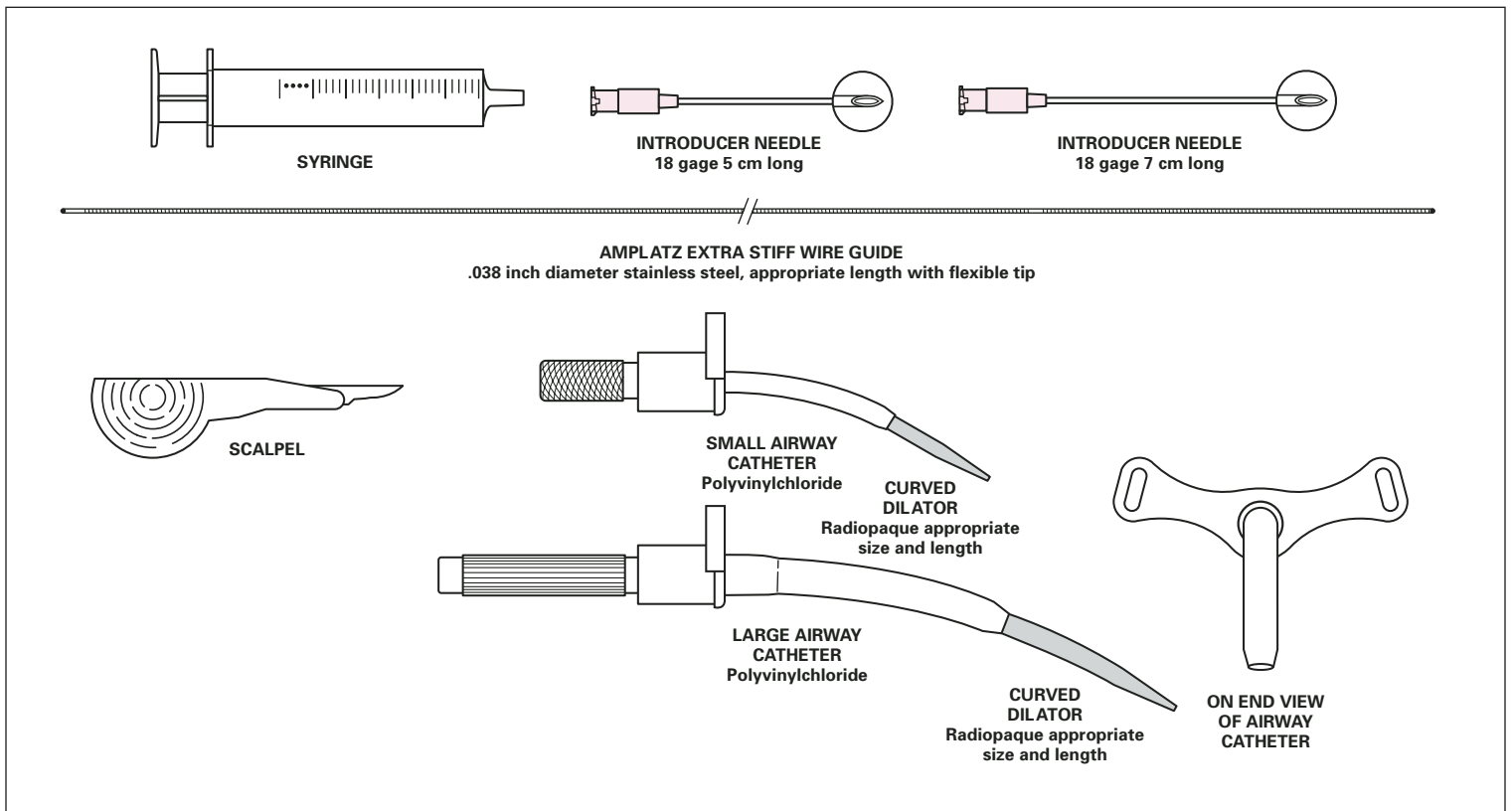
## SPECIAL OPERATIONS



Used for emergency airway access when endotracheal intubation 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.
- Airway catheter has radiopaque stripe.
- Custom packaged in slip peel-pouch design for easy transportation.
- Combines 4.0 mm catheter with a 6.0 mm catheter in one package thereby reducing the number of kits needed in the field.
- Dilators are pre-inserted into airway catheters.

Supplied sterile in peel-open packages. Intended for one-time use.



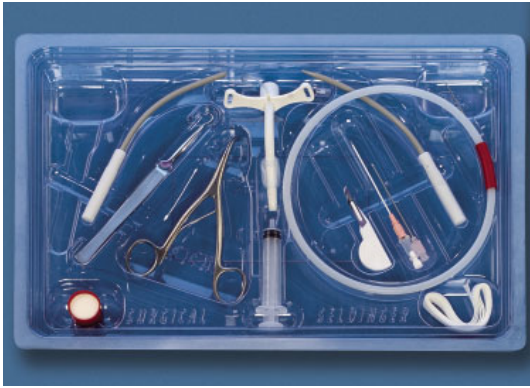
SET ORDER NUMBER <sup>1</sup>	SMALL AIRWAY CATHETER		LARGE AIRWAY CATHETER		Global Product Number
	Inner Diameter	Length	Inner Diameter	Length	
<b>C-TCCS-600-SPOPS</b>	4 mm	4.2 cm	6 mm	7.5 cm	<b>G10699</b>

<sup>1</sup>Set consists of items shown above and cloth tracheostomy tape strip for fixation of airway catheter.

Patent Number 4,677,978



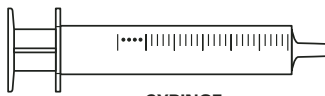
## MELKER UNIVERSAL EMERGENCY CRICOTHYROTOMY CATHETER SET



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

- Airway access is achieved utilizing percutaneous entry (Seldinger) or surgical technique via the cricothyroid membrane. Supplied sterile in peel-open packages. Intended for one-time use.

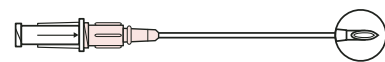
### COMPONENTS USED FOR SELDINGER TECHNIQUE



SYRINGE



INTRODUCER NEEDLE  
18 gage appropriate length



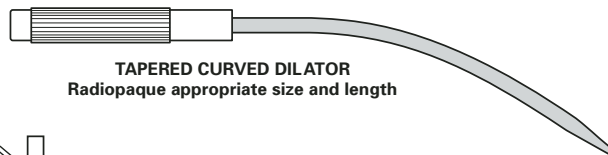
TFE CATHETER INTRODUCER NEEDLE  
18 gage appropriate length



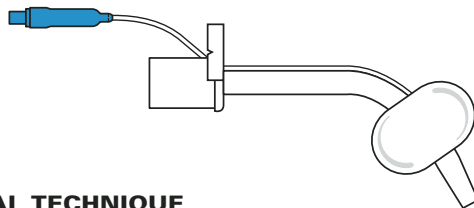
AMPLATZ EXTRA STIFF WIRE GUIDE  
.038 inch diameter stainless steel, appropriate length with flexible tip



SCALPEL

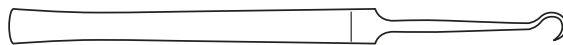


TAPERED CURVED DILATOR  
Radiopaque appropriate size and length

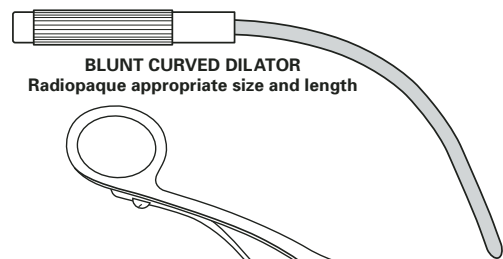


INFLATED AIRWAY CATHETER  
Polyvinylchloride

### COMPONENTS USED FOR SURGICAL TECHNIQUE



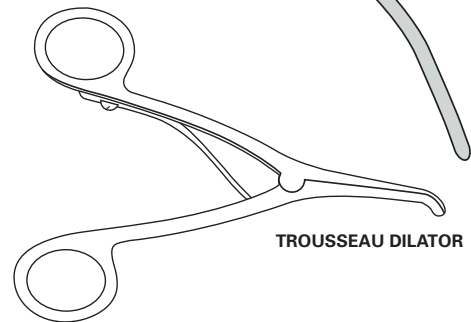
TRACHEAL HOOK



BLUNT CURVED DILATOR  
Radiopaque appropriate size and length



#11 SAFETY SCALPEL



TROUSSEAU DILATOR

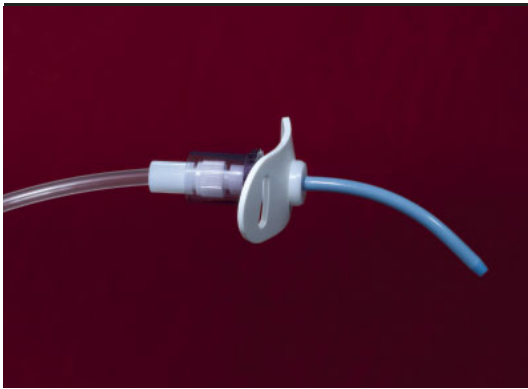
Set includes one airway catheter (shown) to be used with either blunt or tapered dilator.

SET ORDER NUMBER <sup>1</sup>	AIRWAY CATHETER		Global Product Number
	Inner Diameter	Length	
C-TCCSB-500-UNI	5 mm	9 cm	G32193

<sup>1</sup>Set consists of items shown above and drape, gauze pads, povidone-iodine swabsticks and solution, needle holder cup and cloth tracheostomy tape strip for fixation of airway catheter.



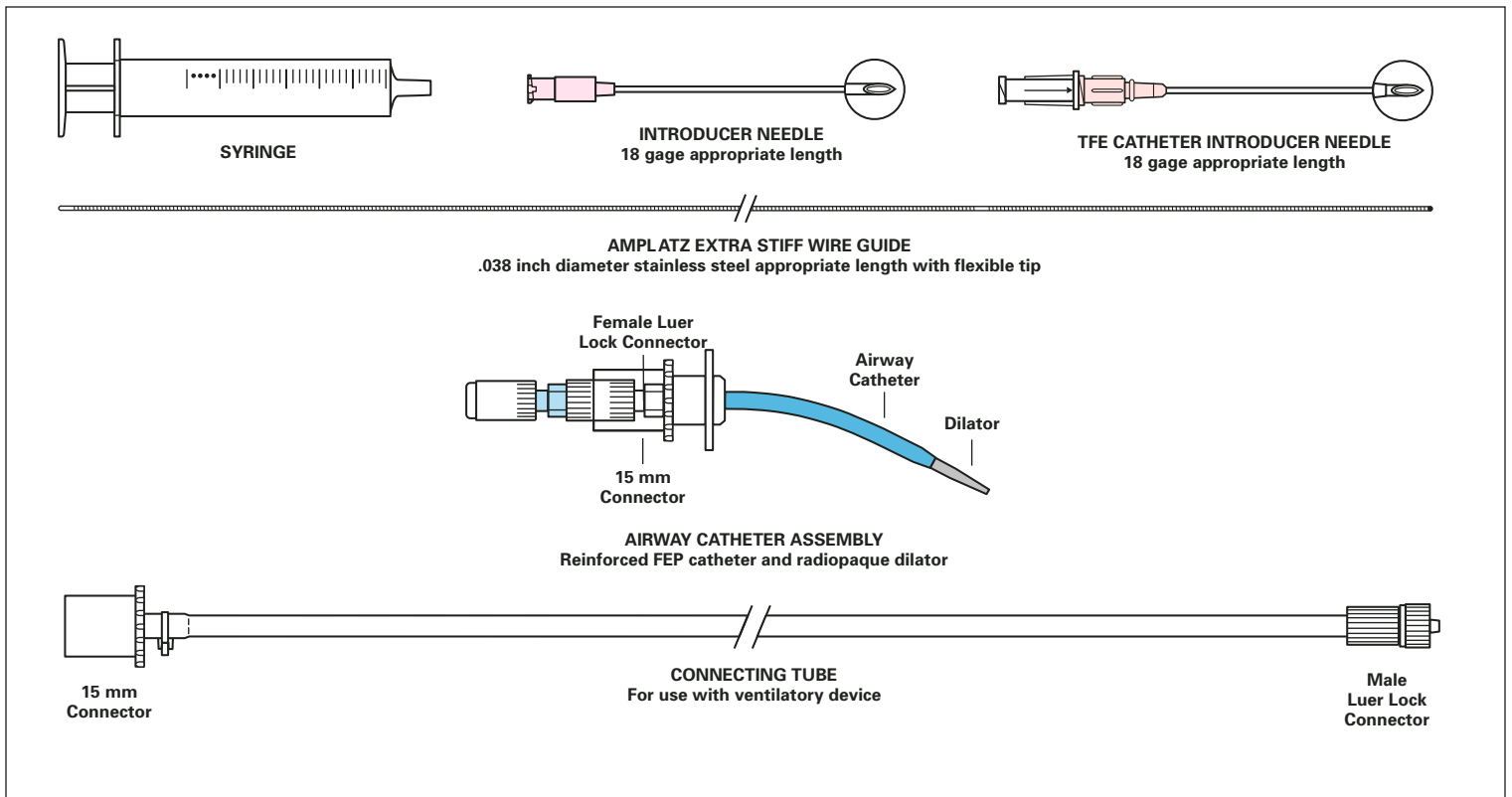
## ARNDT EMERGENCY CRICOTHYROTOMY CATHETER SET



Used for emergency airway access when conventional endotracheal intubation and 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.

Supplied sterile in peel-open packages. Intended for one-time use.



SET ORDER NUMBER <sup>1</sup>	AIRWAY CATHETER		NEEDLE	Global Product Number
	Inner Diameter	Length	Gage	
<b>C-DTJV-9.0-6.0-ARNDT</b>	3 mm	6 cm	18	<b>G08251</b>

<sup>1</sup>Set consists of items shown above, sterile water, scalpel and cloth tracheostomy tape strip for fixation of airway catheter.

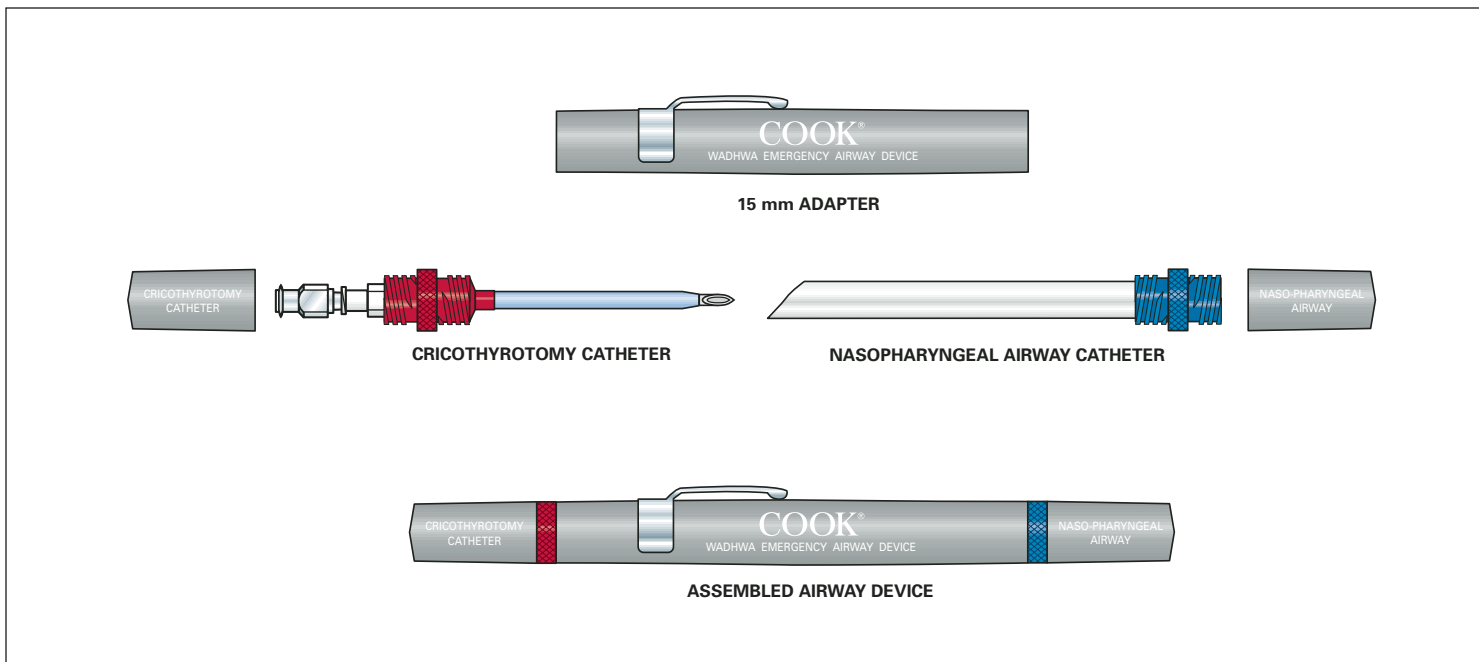
## WADHWA EMERGENCY AIRWAY DEVICE



The Wadhwa Emergency Airway Device is intended for emergency airway access when conventional endotracheal intubation cannot be performed.

- Components of the set include nasopharyngeal airway catheter, cricothyrotomy catheter and 15 mm adapter.
- This device and all of its components require pre-assembly and once assembled are non-sterile.

Intended for one-time use.



ORDER NUMBER	CRICOTHYROTOMY CATHETER		NASOPHARYNGEAL AIRWAY CATHETER		Global Product Number
	French Size	Length	Inner Diameter	Length	
<b>C-WEAD-100</b>	9.0	6 cm	7.0 mm	9.5 cm	<b>G26948</b>

Patent Number 4,893,620

## EMERGENCY TRANSTRACHEAL AIRWAY CATHETERS



Used for emergency airway access when conventional endotracheal intubation cannot be performed. Supplied sterile in peel-open packages. Intended for one-time use.



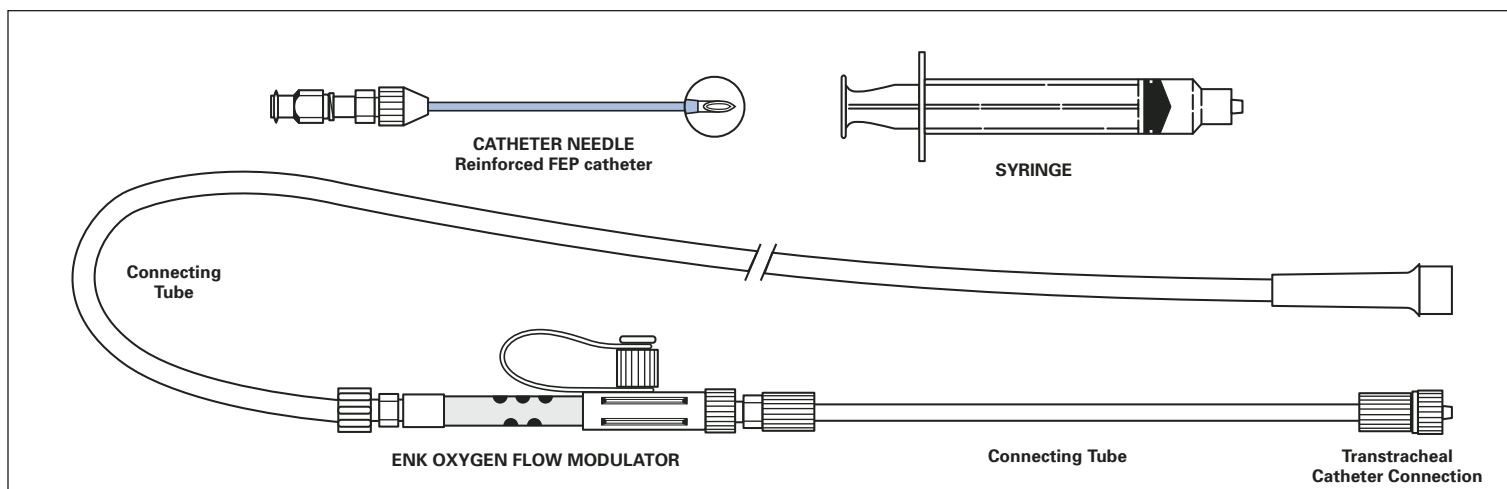
**CATHETER NEEDLE**  
Reinforced FEP catheter

ORDER NUMBER	French Size	CATHETER		NEEDLE	Global Product Number
		Inner Diameter	Length	Gage	
C-DTJV-6.0-5.0-BTT	6.0	2 mm	5.0 cm	15	G10338
C-DTJV-6.0-7.5-BTT	6.0	2 mm	7.5 cm	15	G09413

## ENK OXYGEN FLOW MODULATOR SETS

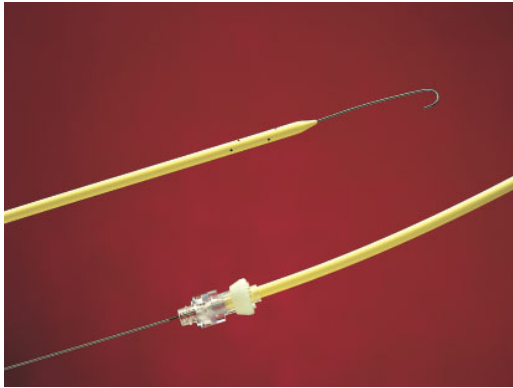


Used with emergency transtracheal catheter ventilation when conventional ventilation by mask or endotracheal tube cannot be performed. The device allows manually controlled oxygen flow. **Please refer to product insert prior to use.** Supplied sterile in peel-open packages. Intended for one-time use.



ORDER NUMBER	CATHETER			NEEDLE	Remarks	Global Product Number
	French Size	Length	Inner Diameter	Gage		
<b>Set</b>						
C-EFMS-100	6.0	7.5 cm	2 mm	15	SET includes items shown above.	G12398
C-EFMS-101	6.0	5.0 cm	2 mm	15	SET includes items shown above.	G13145

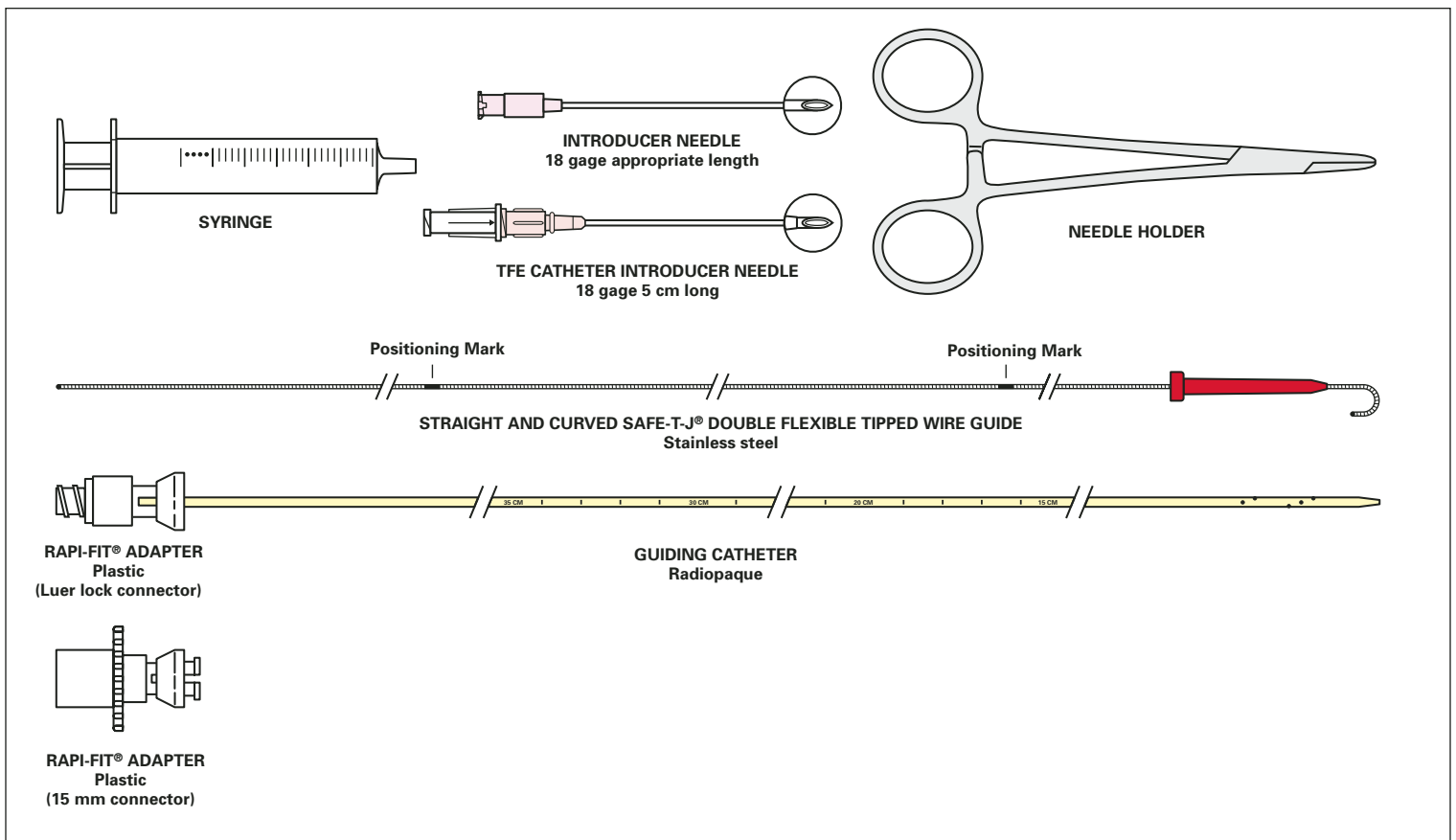
## COOK RETROGRADE INTUBATION SETS WITH RAPI-FIT® ADAPTERS



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

- 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.

Supplied sterile in peel-open packages. Intended for one-time use.

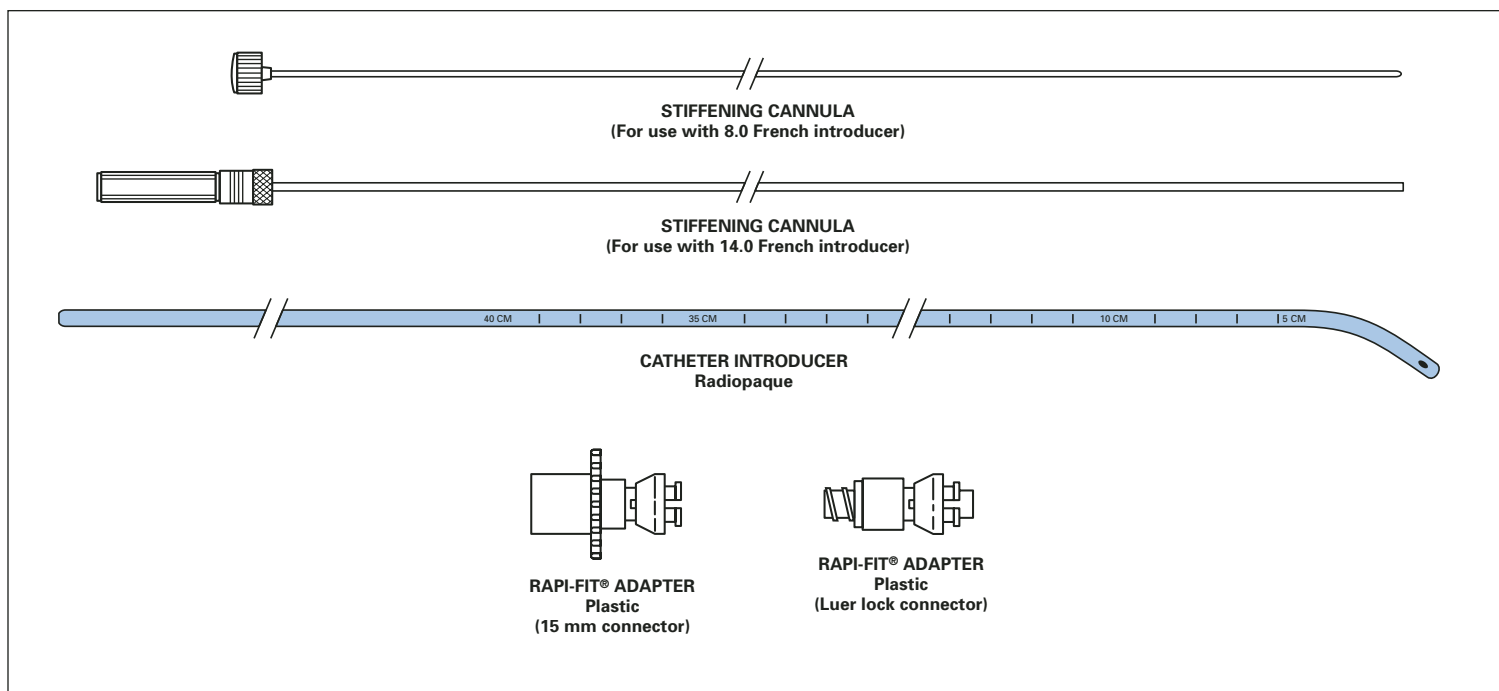


ORDER NUMBER	CATHETER		WIRE GUIDE			Use with Endotracheal Tube with Inner Diameter	Global Product Number
	French Size	Length	Diameter	Length	Tip		
<b>Set</b>							
<b>C-RETRO-6.0-50-38J-110</b>	6.0	50 cm	.038 inch	110 cm	straight and 3 mm "J"	2.5 mm or larger	<b>G09727</b>
<b>C-RETRO-11.0-70-38J-110</b>	11.0	70 cm	.038 inch	110 cm	straight and 3 mm "J"	4.0 mm or larger	<b>G07647</b>
<b>C-RETRO-14.0-70-38J-110-CAE</b>	14.0	70 cm	.038 inch	110 cm	straight and 3 mm "J"	5.0 mm or larger	<b>G10554</b>
<b>Replacement Wire Guide</b>							
<b>C-DOC-38-110-0-3-RETRO</b>			.038 inch	110 cm	straight and 3 mm "J"		<b>G07622</b>

## FROVA INTUBATING INTRODUCERS



Used to facilitate endotracheal intubation and to allow simple endotracheal tube exchange. Use of removable Rapi-Fit® Adapter permits use of ventilatory device if necessary during exchange procedure. Supplied sterile in peel-open packages. Intended for one-time use.



ORDER NUMBER	CATHETER			Use in Replacement of Endotracheal Tube with Inner Diameter	Global Product Number
	French Size	Length	Inner Diameter		
<b>With Stiffening Cannula</b>					
<b>C-CAE-8.0-35-FII</b>	8.0	35 cm	1.6 mm	3 mm or larger	<b>G12591</b>
<b>C-CAE-14.0-65-FII</b>	14.0	65 cm	3 mm	6 mm or larger	<b>G11915</b>
<b>Without Stiffening Cannula</b>					
<b>C-CAE-14.0-65-FI</b>	14.0	65 cm	3 mm	6 mm or larger	<b>G13307</b>

Patent Number 5,052,386

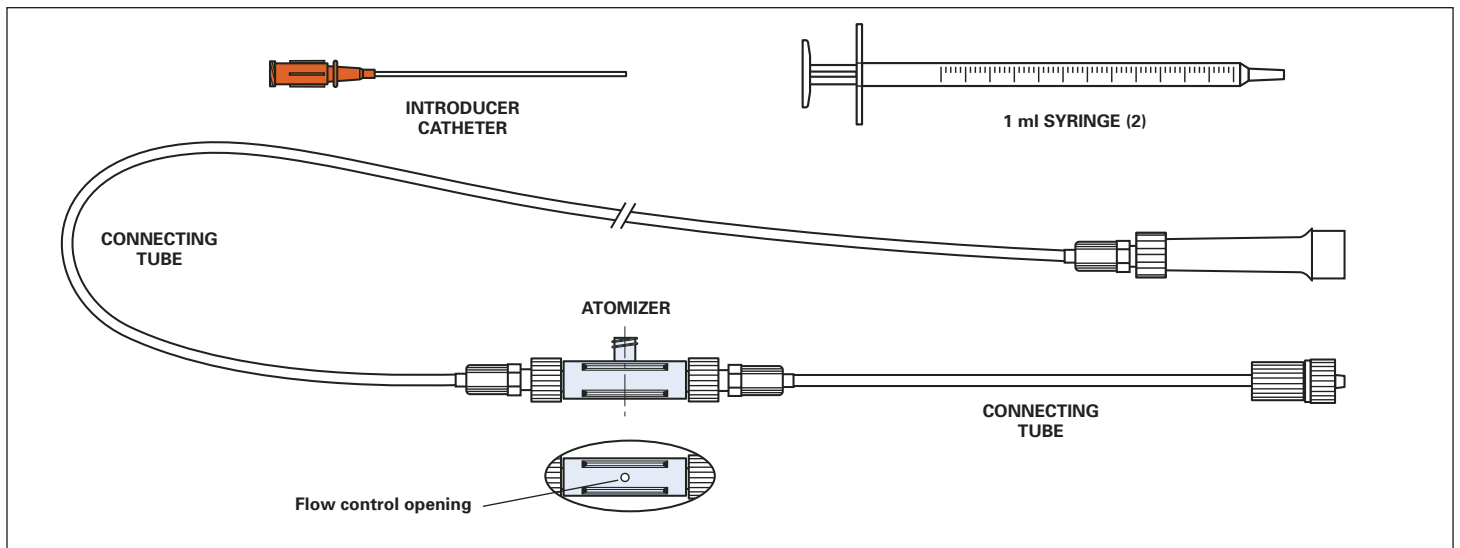
## ENK FIBEROPTIC ATOMIZER SET



Used for atomizing local anesthetics in connection with flexible fiberoptic intubation techniques. The Enk Fiberoptic Atomizer Set provides adequate topical anesthesia by atomizing small doses of local anesthetics through the working channel of the bronchoscope using flow oxygen.

- Reduced doses of anesthetics together with the atomizer effect enhance patient comfort.
- Repeated administration of local anesthetic solutions and flow oxygen ("spray as you go") keeps the front lens clear during bronchoscope advancement.

Supplied sterile in peel-open packages. Intended for one-time use



**ORDER  
NUMBER**

**Set**

**C-EFNS-100**

**Global  
Product  
Number**

**G27286**



## MANAGEMENT OF THE DIFFICULT AIRWAY CD-ROM



Management  
of the Difficult Airway  
version 2.0

**COOK®**

### Objectives:

- A practical and concise introduction to management of the difficult airway.

### Topics Include:

- An interactive tutorial computer program with text, diagrams, pictures and video.
- Planning and recognition of many potential problems.
- Many routine/emergency management techniques.

### Minimum System Requirements:

- 16MB RAM
- 640 x 480 pixel color display with 256 colors
- Sound card and speakers
- CD-ROM drive
- Microsoft Windows 95; Apple system 7.5 or higher
- Quicktime v2.5 or higher

**ORDER  
NUMBER**

**C-CD-AIRWAY-1**

**Global  
Product  
Number**

**G09848**

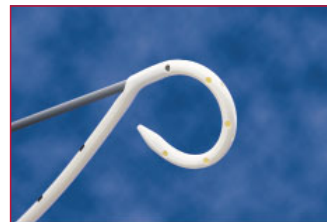
**B**reathing is the next primary concern in emergency situations. If proper ventilation can't be achieved, little else matters.

Often, the inability to maintain proper air exchange may be a direct result of abnormal chest wall dynamics such as pneumothorax.

Cook Critical Care's comprehensive line of drainage catheters are engineered and designed to treat spontaneous and tension pneumothorax by removing air from the pleural space. Other devices, such as our Thal-Quick chest tube sets help facilitate fluid drainage.

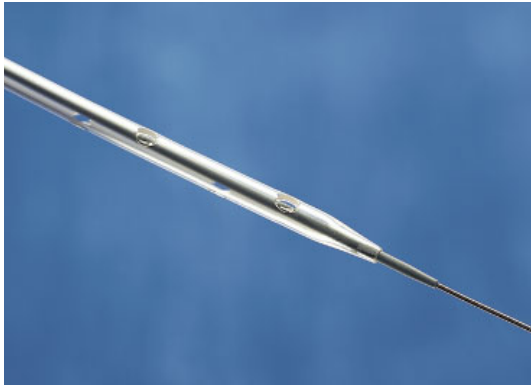
These drainage catheters include both straight and pigtail designs that utilize either the Seldinger technique or direct puncture for placement. Most of Cook's pneumothorax sets include an adapter on the tubing for connection to a suction apparatus or a Cook Chest Drain Valve to enable effective drainage.

To address the special needs of pre-hospital transport, the Cook Emergency Pneumothorax Set and the Nightengale Pneumothorax Set are compact and designed for quick access.



Wayne Pneumothorax Set

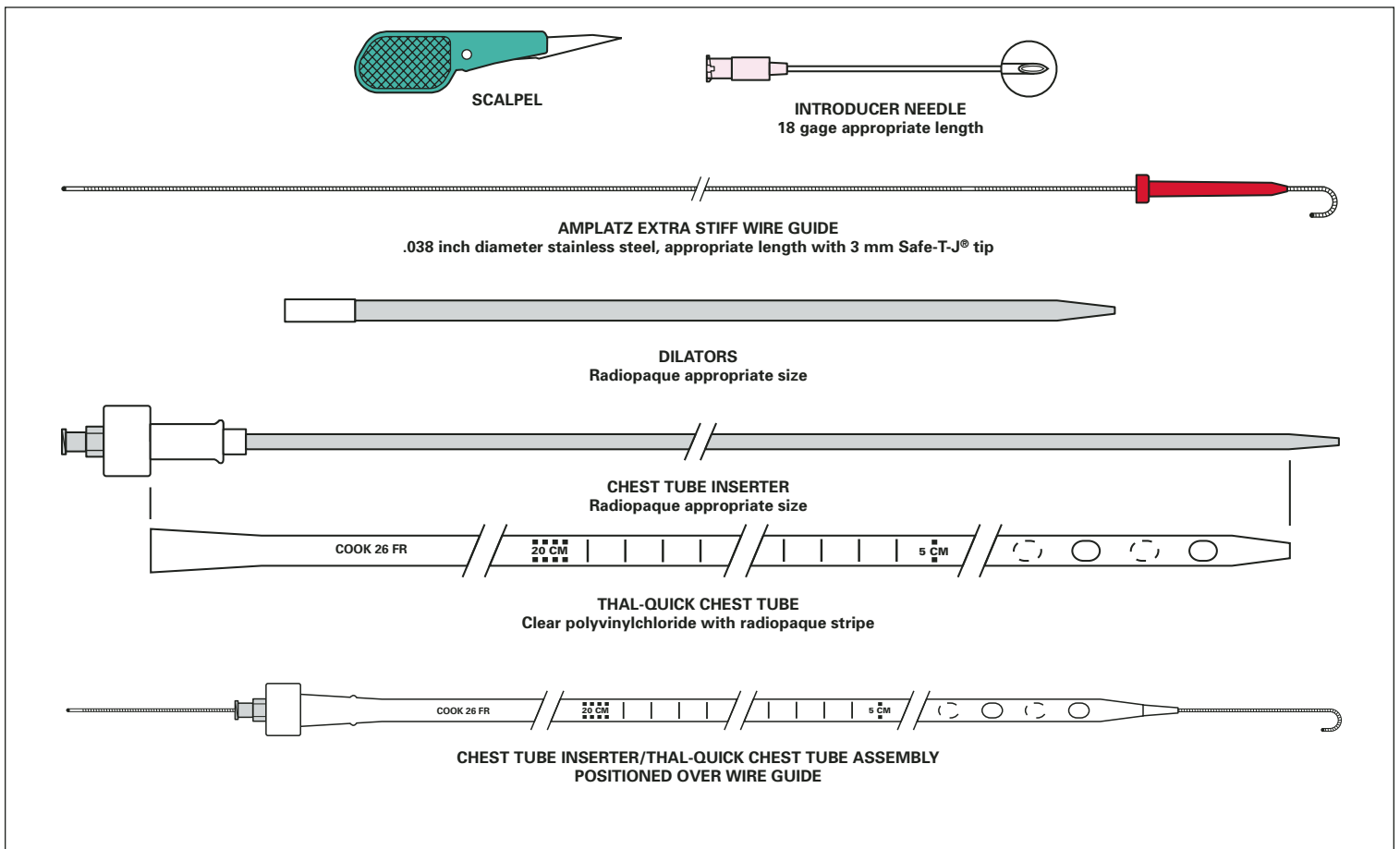
## THAL-QUICK CHEST TUBE SETS AND TRAYS



Used for pleural fluid drainage. Chest tube placement is facilitated utilizing standard percutaneous entry (Seldinger) technique.

- The chest tube inserter, fitted to the chest tube, provides a smooth transition for ease of insertion over the wire guide.
- Sideports are positioned at the distal end of the chest tube.

Supplied sterile in peel-open packages. Intended for one-time use.



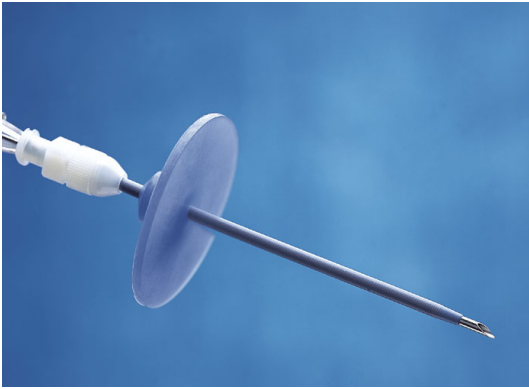
## THAL-QUICK CHEST TUBE SETS AND TRAYS

ORDER NUMBER	THAL-QUICK CHEST TUBE			Global Product Number
	French Size	Length	Sideports	
<b>Sets<sup>1</sup></b>				
<b>C-TQTS-800</b>	8.0	18 cm	3	<b>G06786</b>
<b>C-TQTS-1000</b>	10.0	20 cm	3	<b>G06787</b>
<b>C-TQTS-1200</b>	12.0	22 cm	3	<b>G05161</b>
<b>C-TQTS-1400</b>	14.0	41 cm	4	<b>G05777</b>
<b>C-TQTS-1600</b>	16.0	41 cm	4	<b>G04891</b>
<b>C-TQTS-1800</b>	18.0	41 cm	4	<b>G05453</b>
<b>C-TQTS-2000</b>	20.0	41 cm	4	<b>G05454</b>
<b>C-TQTS-2400</b>	24.0	41 cm	4	<b>G04137</b>
<b>C-TQTS-2600</b>	26.0	41 cm	4	<b>G04138</b>
<b>C-TQTS-2800</b>	28.0	41 cm	4	<b>G04139</b>
<b>C-TQTS-3200</b>	32.0	41 cm	4	<b>G07243</b>
<b>C-TQTS-3600</b>	36.0	41 cm	4	<b>G07241</b>
<b>Trays<sup>2</sup></b>				
<b>C-TQTSY-800</b>	8.0	18 cm	3	<b>G06791</b>
<b>C-TQTSY-1000</b>	10.0	20 cm	3	<b>G06885</b>
<b>C-TQTSY-1200</b>	12.0	22 cm	3	<b>G05464</b>
<b>C-TQTSY-1400</b>	14.0	41 cm	4	<b>G07090</b>
<b>C-TQTSY-1600</b>	16.0	41 cm	4	<b>G05462</b>
<b>C-TQTSY-1800</b>	18.0	41 cm	4	<b>G05461</b>
<b>C-TQTSY-2000</b>	20.0	41 cm	4	<b>G05463</b>
<b>C-TQTSY-2400</b>	24.0	41 cm	4	<b>G04220</b>
<b>C-TQTSY-2600</b>	26.0	41 cm	4	<b>G04225</b>
<b>C-TQTSY-2800</b>	28.0	41 cm	4	<b>G04226</b>
<b>C-TQTSY-3200</b>	32.0	41 cm	4	<b>G07242</b>
<b>C-TQTSY-3600</b>	36.0	41 cm	4	<b>G07244</b>

<sup>1</sup>All sets include the items shown on the previous page.

<sup>2</sup>All trays consist of items shown on the previous page and the following items: 25 gage needle, 22 gage needle, lidocaine, povidone-iodine swabsticks, fenestrated drape, gauze sponges, disposable syringes, suture with needle, povidone-iodine ointment, CSR wrap, prep tray and needle holder cup.

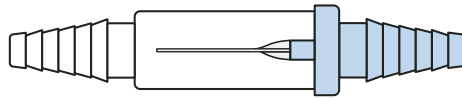
## COOK EMERGENCY PNEUMOTHORAX SET



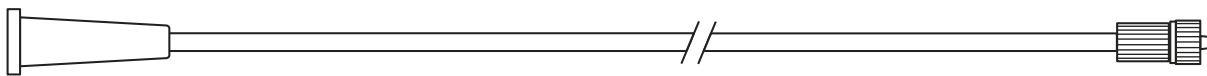
Used to treat simple and tension pneumothorax. Supplied sterile in peel-open packages. Intended for one-time use.



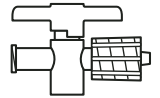
**CATHETER INTRODUCER NEEDLE**  
Reinforced radiopaque FEP catheter and stainless steel, appropriate length needle



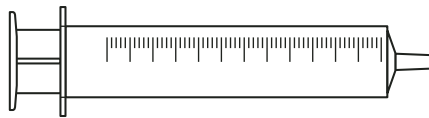
**COOK CHEST DRAIN VALVE**  
Latex free



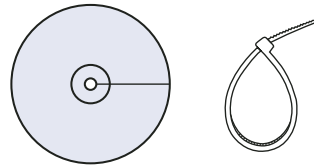
**CONNECTING TUBE**  
Polyvinylchloride



**ONE-WAY STOPCOCK**  
Clear plastic



**SYRINGE**



**MOLNAR DISC WITH PULL TIE**

SET ORDER NUMBER <sup>1</sup>	CATHETER		NEEDLE		CONNECTING TUBE	Global Product Number
	French Size	Length	Gage	Point	Length	
<b>C-TPTS-8.5-6.0-FSNS</b>	8.5	6.0 cm	15	lancet	30 cm	<b>G13722</b>

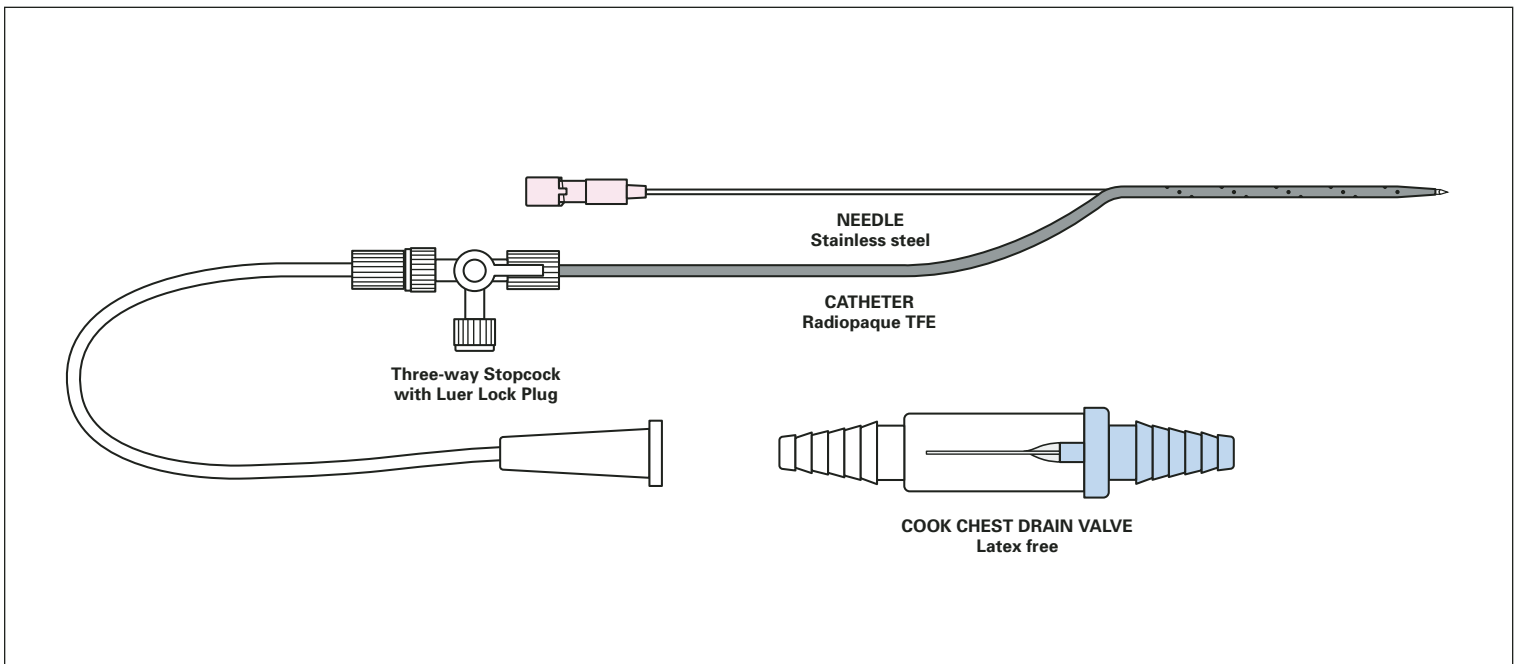
<sup>1</sup>Set consists of items shown above and the following items: alcohol prep, povidone-iodine swabstick and porous transparent tape.

## NIGHTENGALE PNEUMOTHORAX SET



Used to treat spontaneous and tension pneumothorax in emergency situations.

- Set is preassembled to expedite access procedure and packaged appropriately for emergency transport.
  - Three-way stopcock permits manual evacuation of air without disconnecting from Cook Chest Drain Valve if indicated.
- Supplied sterile in peel-open packages. Intended for one-time use.



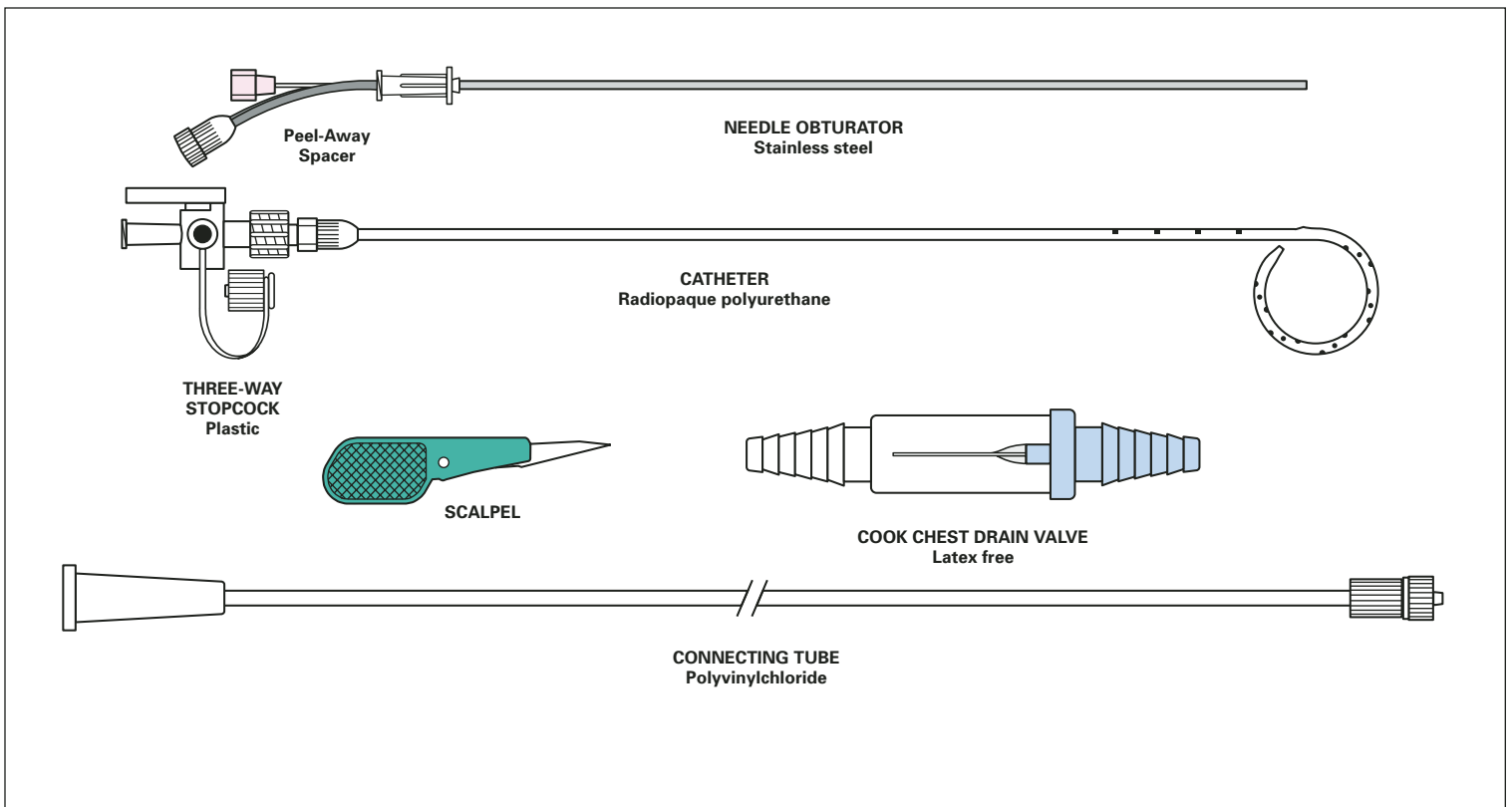
SET ORDER NUMBER <sup>1</sup>	CATHETER			NEEDLE			Global Product Number
	French Size	Length	Side- ports	Gage	Length	Point	
<b>C-TPT-100-NTG</b>	9.0	21.5 cm	20	18	20 cm	trocar	<b>G05282</b>

<sup>1</sup>Set consists of items shown above and the following items: 25 gage needle, lidocaine, povidone-iodine swabsticks, disposable syringe and disposable scalpel.

## WAYNE PNEUMOTHORAX SETS



Used for the relief of simple, spontaneous, iatrogenic and tension pneumothorax. Supplied sterile in peel-open packages. Intended for one-time use.



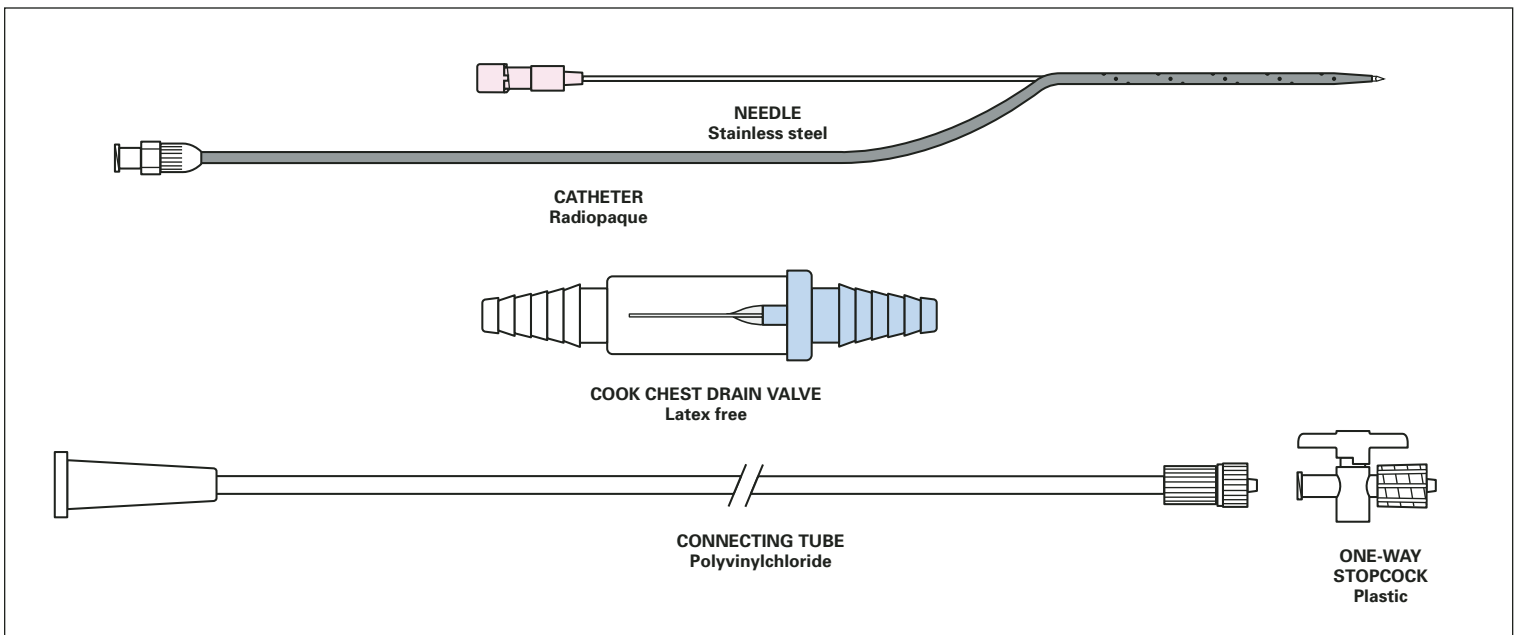
SET ORDER NUMBER	CATHETER			NEEDLE OBTURATOR			CONNECTING TUBE	Global Product Number
	French Size	Length	Side-ports	Gage	Length	Point	Length	
C-UTPT-1020-WAYNE	10.2	29 cm	20	19	16.5 cm	trocar	30 cm	G09922
C-UTPT-1400-WAYNE	14.0	29 cm	20	19	16.5 cm	trocar	30 cm	G07910



## PNEUMOTHORAX SETS

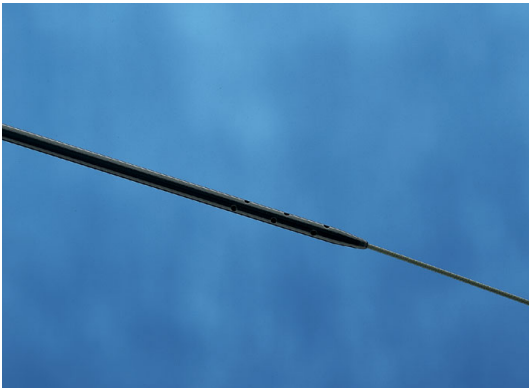


Used to treat spontaneous and tension pneumothorax. The adapter on the tubing can be connected to a suction apparatus or the Cook Chest Drain Valve. Supplied sterile in peel-open packages. Intended for one-time use.

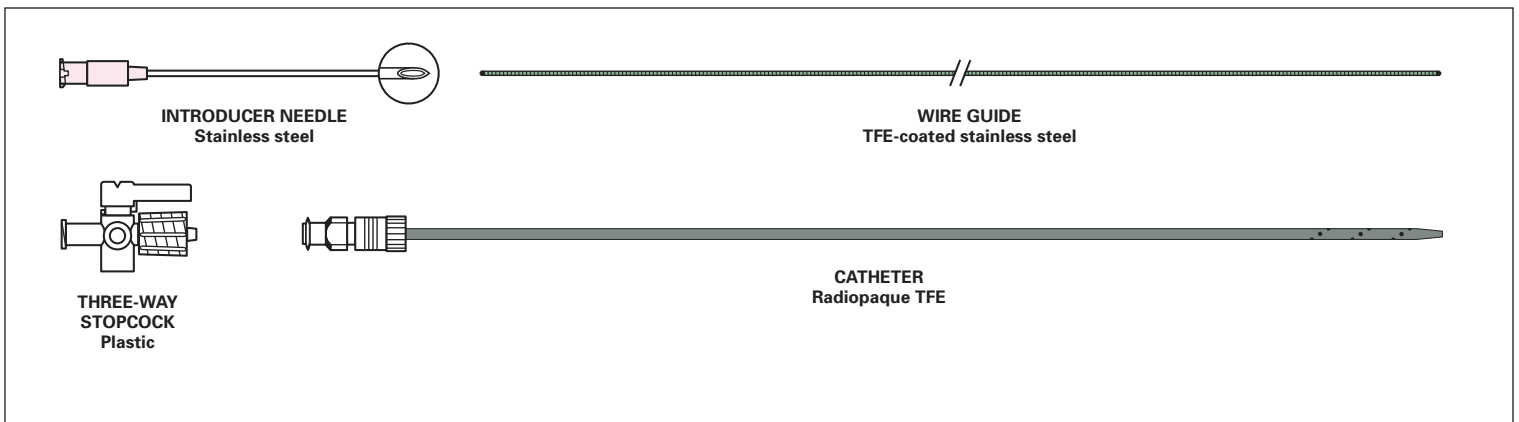


SET ORDER NUMBER	CATHETER			NEEDLE			CONNECTING TUBE	Remarks	Global Product Number
	French Size	Length	Side-ports	Gage	Length	Point	Length		
<b>Pediatric</b>									
C-TPTP-100	6.3	19 cm	6	21	12 cm	trocar	20 cm	Catheter is radiopaque TFE.	G03465
<b>Standard</b>									
C-TPT-100	9.0	29 cm	20	18	20 cm	trocar	30 cm	Catheter is radiopaque TFE.	G03301
C-TPT-200	10.2	29 cm	20	18	20 cm	trocar	30 cm	Catheter is radiopaque polyurethane.	G03302

## CATHETER ASPIRATION SET FOR SIMPLE PNEUMOTHORAX

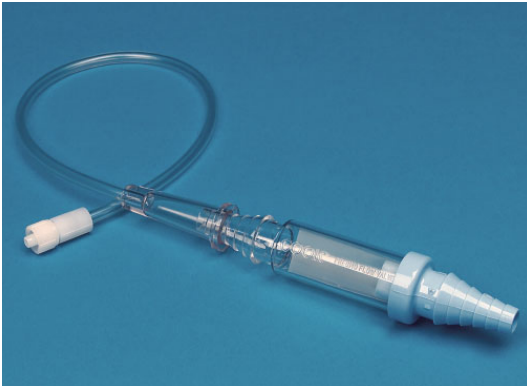


Used to treat simple pneumothorax. Use of standard percutaneous entry (Seldinger) technique facilitates controlled, atraumatic catheter introduction. Supplied sterile in peel-open packages. Intended for one-time use.

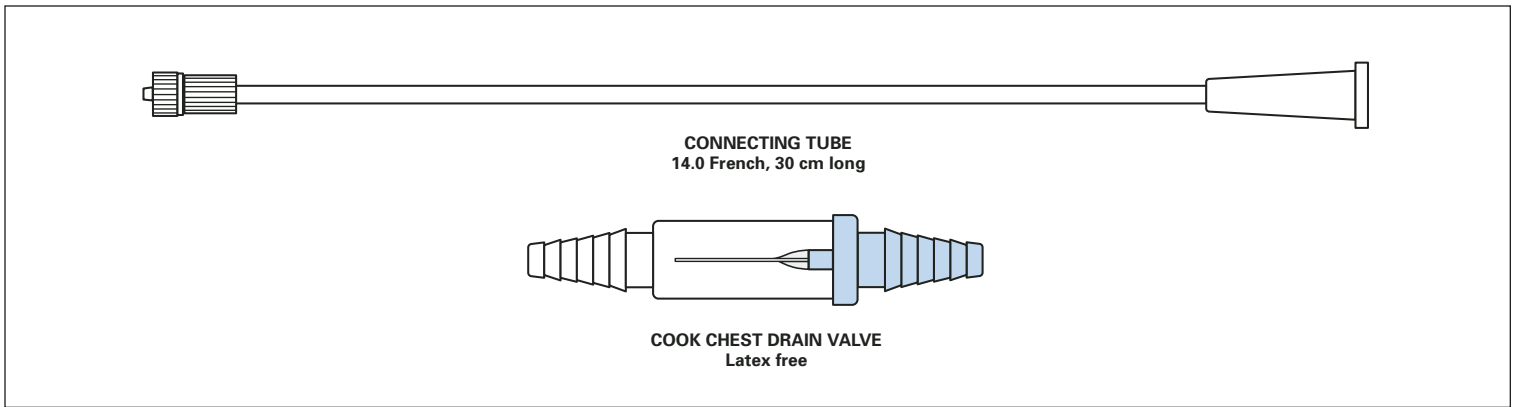


SET ORDER NUMBER	CATHETER			WIRE GUIDE		NEEDLE		Global Product Number
	French Size	Length	Side- ports	Diameter	Length	Gage	Length	
<b>C-CASP-901-FORD</b>	9.0	25 cm	10	.038 inch	50 cm	18	7 cm	<b>G05296</b>

## SIMPLE PNEUMOTHORAX ASPIRATION ACCESSORY SET



Used in conjunction with the pneumothorax aspiration catheter described on the previous page if incomplete expansion of the lung persists after mechanical aspiration of air. Connection of the one-way Cook Chest Drain Valve to the catheter permits continued re-expansion of the lung by natural forces, preventing inadvertent backflow of air into the pleural space. Supplied sterile in peel-open packages. Intended for one-time use.



**SET  
ORDER  
NUMBER**

Remarks

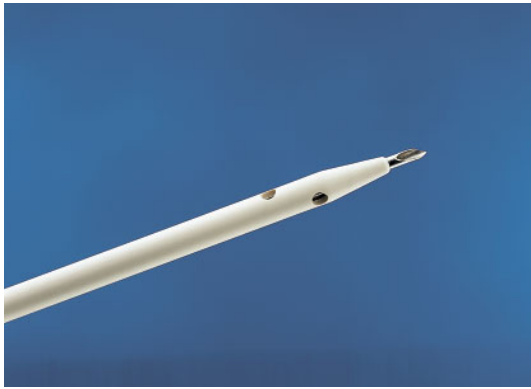
**Global  
Product  
Number**

**C-CASP-A-FORD**

SET consists of items shown above.

**G05297**

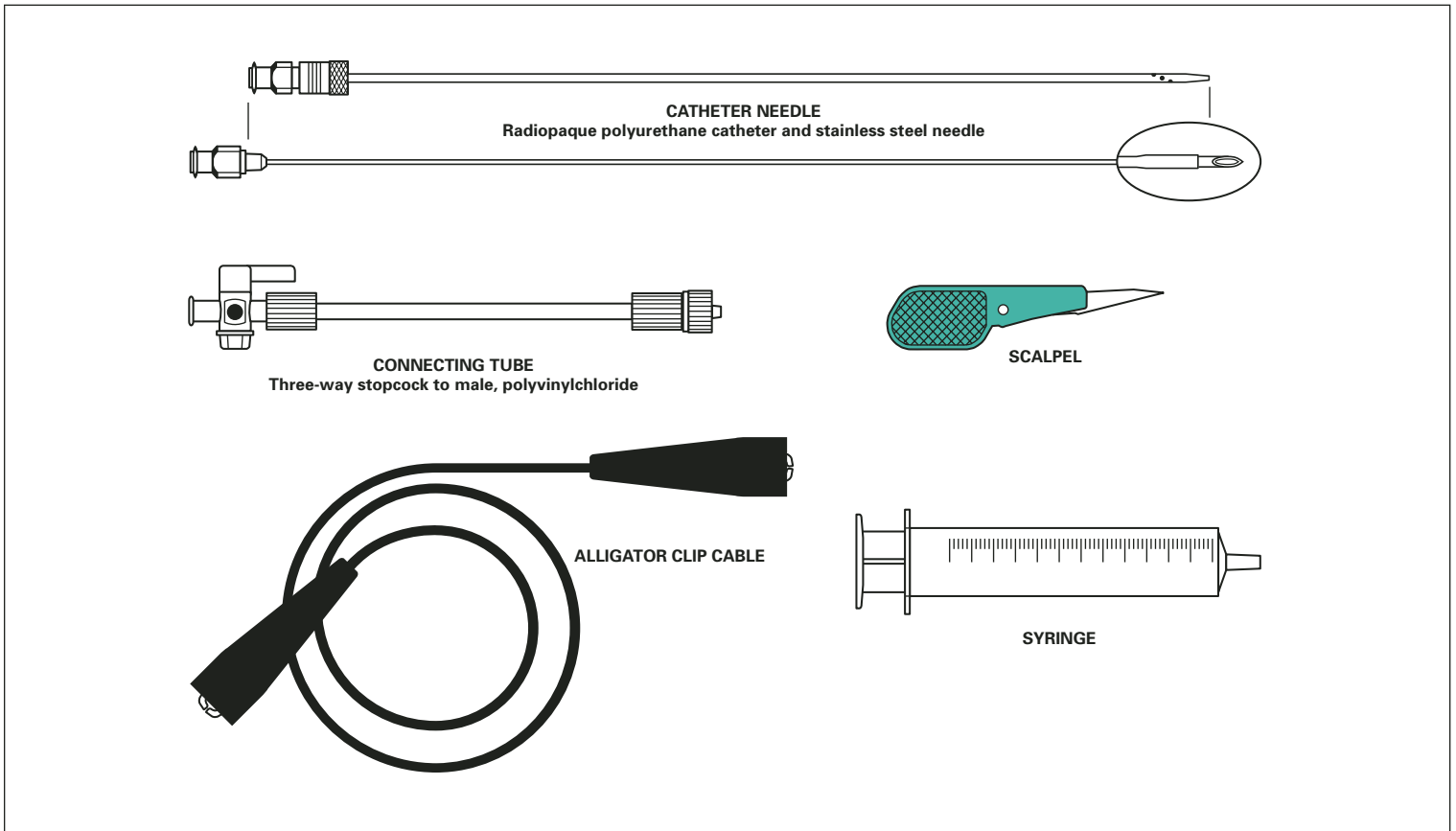
## EMERGENCY PERICARDIOCENTESIS SET AND TRAY



Used to drain fluid from the pericardial sac.

- Coaxial catheter needle allows one-step emergency access.
- The “alligator clip” cable is attached to the hub of the needle for constant electrocardiographic monitoring during insertion.

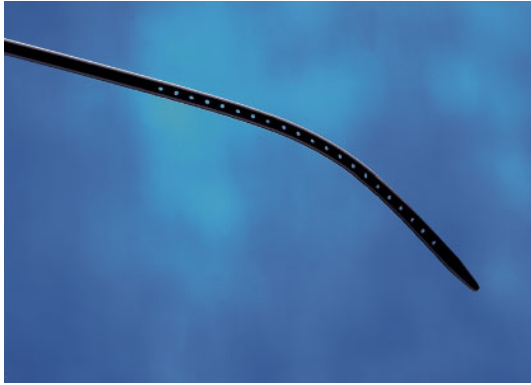
Supplied sterile in peel-open packages. Intended for one-time use.



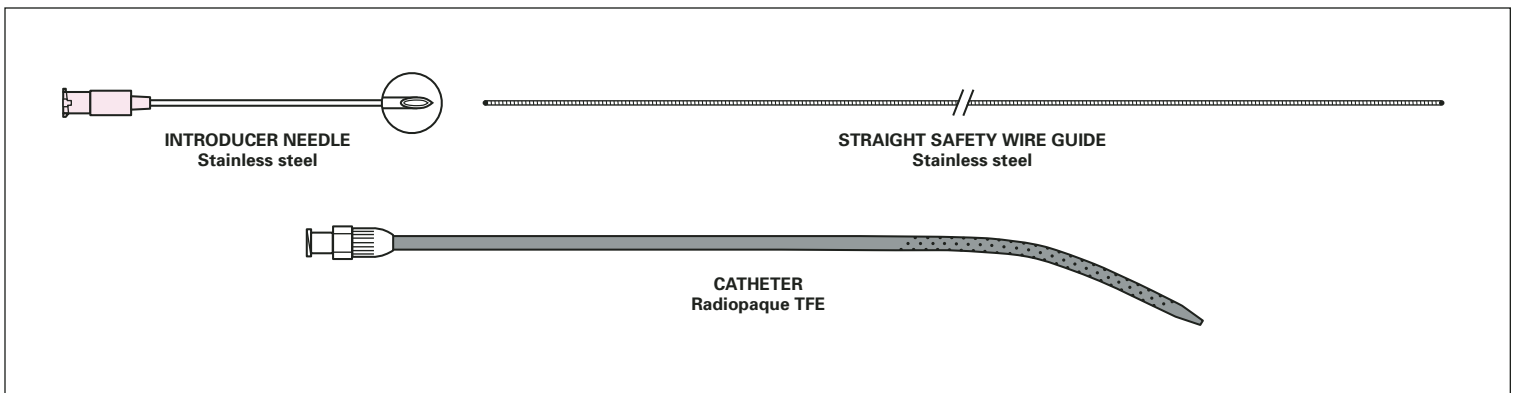
ORDER NUMBER	CATHETER				NEEDLE		CONNECTING TUBE	Global Product Number
	French Size	Length	Side-ports	Sideport Diameter	Gage	Length	Length	
<b>Set</b>								
<b>C-PCS-1000-SPAC</b>	10.0	19 cm	2	.065 inch	18	21 cm	7.5 cm	<b>G05250</b>
<b>Tray<sup>1</sup></b>								
<b>C-PCSY-1000-SPAC</b>	10.0	19 cm	2	.065 inch	18	21 cm	7.5 cm	<b>G05298</b>

<sup>1</sup>Tray consists of items shown above and the following items: 25 gage needle, 22 gage needle, lidocaine, povidone-iodine swabsticks, fenestrated drape, gauze sponges, disposable syringe, suture with needle, povidone-iodine ointment, CSR wrap, prep tray and needle holder cup.

## PERITONEAL LAVAGE SET AND TRAY



Used to infuse and withdraw rinsing solutions in the peritoneal cavity. Supplied sterile in peel-open packages. Intended for one-time use.



ORDER NUMBER	CATHETER			WIRE GUIDE		NEEDLE		Global Product Number
	French Size	Length	Side-ports	Diameter	Length	Gage	Length	
<b>Set</b>								
<b>C-PLS-901</b>	9.0	20 cm	90	.038 inch	40 cm	18	7 cm	<b>G05267</b>
<b>Tray<sup>1</sup></b>								
<b>C-PLSY-901</b>	9.0	20 cm	90	.038 inch	40 cm	18	7 cm	<b>G05268</b>

<sup>1</sup>Tray consists of items shown above and the following items: 25 gage needle, 22 gage needle, lidocaine, povidone-iodine swabsticks, fenestrated drape, gauze sponges, disposable syringes, disposable scalpel, suture with needle, povidone-iodine ointment, CSR wrap, prep tray and needle holder cup.

**C**irculation is the third, crucial step in emergency care for critically ill patients. Rapid replacement of fluid volume is imperative in the treatment of shock.

Cook Critical Care's catheters, needles and fittings aid greatly in the replacement of fluid volume. They include large bore catheters with volume adapters to provide increased flow. The large bore catheters are also available in both long and short lengths to enable central venous or peripheral placement.

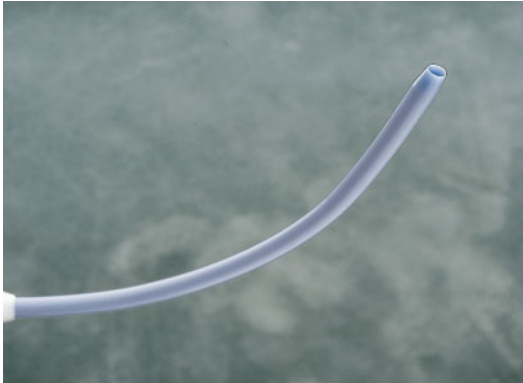
Additionally, we offer a variety of intraosseous infusion needles that can be used to infuse drugs and/or fluids when intravenous access is not possible during pediatric emergencies.



Disposable Intraosseous Infusion Needle

# COOK ACCESS PLUS®

## LUER LOCK HIGH-VOLUME INFUSION INTRODUCER TRAY

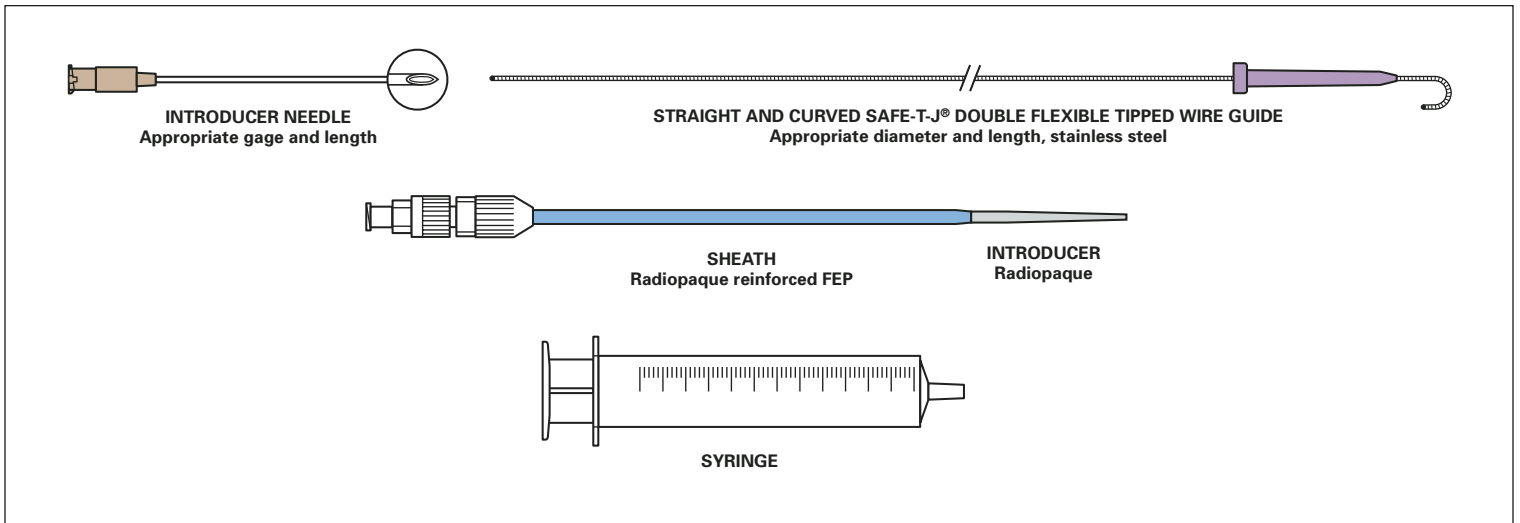


Used for high-volume replacement of fluids and introduction of balloon, electrode, closed or non-tapered end and other catheters.

- Cook Access Plus® Introducers feature a uniquely fabricated sheath designed to provide maximum flexibility without kinking or compression.
- Luer lock fitting on the dilator prevents slippage during introduction over the wire guide.

**The maximum diameter of the instrument or catheter to be introduced should be determined to ensure its passage through the sheath.<sup>1</sup>**

Supplied sterile in peel-open packages. Intended for one-time use.



ORDER NUMBER	<sup>1</sup> INTRODUCER	WIRE GUIDE		SHEATH	DILATOR	Global Product Number
	French Size	Diameter	Tip	Length	Type	
<b>Tray<sup>2</sup></b>						
<b>C-FSSIY-9.0-35-J-13.0</b>	9.0	.035 inch	straight and 3 mm "J"	13.0 cm	Coons	<b>G09467</b>

<sup>2</sup>Tray consists of items shown above and the following items: 25 gage needle, 22 gage needle, lidocaine, povidone-iodine swabsticks, fenestrated drape, gauze sponges, disposable syringe, disposable scalpel, suture with needle, povidone-iodine ointment, CSR wrap and prep tray.

Patent Numbers 4,705,511; 4,657,772



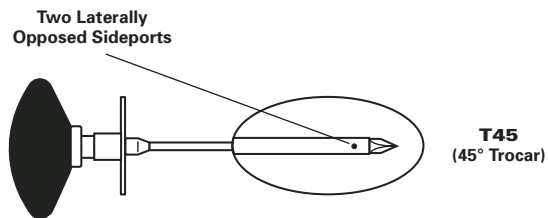
## DISPOSABLE INTRAOSSEOUS INFUSION NEEDLE DIECKMANN MODIFICATION – STAINLESS STEEL HUB DESIGN



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

- Two laterally opposed sideports positioned near the distal tip of the needle cannula ensure flow if needle tip is obstructed by posterior bone cortex.
- Stainless steel hub design provides additional stability.
- **Refer to complete instructions for placement in product insert.**

Supplied sterile in peel-open packages. Intended for one-time use.



**ORDER  
NUMBER**

**C-DIN-15.5-3.0-T45-DKM-HD**

**Gage**

15.5

**Length**

3 cm

**Global  
Product  
Number**

**G10722**

## DISPOSABLE INTRAOSSEOUS INFUSION NEEDLES

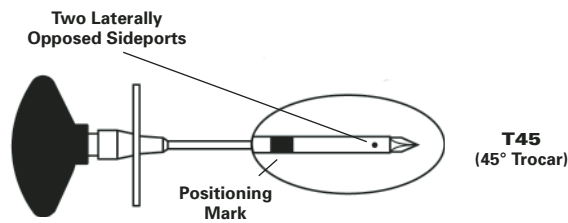
### DIECKMANN MODIFICATION – STANDARD HUB DESIGN



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

- Two laterally opposed sideports positioned near the distal tip of the needle cannula ensure 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.
- **Refer to complete instructions for placement in product insert.**

Supplied sterile in peel-open packages. Intended for one-time use.



**ORDER NUMBER**

Gage

Length

**Global Product Number**

**Trocar**

<b>C-DIN-14-3.0-T45-DKM</b>	14	3 cm	<b>G05312</b>
<b>C-DIN-14-4.0-T45-DKM</b>	14	4 cm	<b>G06226</b>
<b>C-DIN-16-2.5-T45-DKM</b>	16	2.5 cm	<b>G05986</b>
<b>C-DIN-16-3.0-T45-DKM</b>	16	3 cm	<b>G04958</b>
<b>C-DIN-16-4.0-T45-DKM</b>	16	4 cm	<b>G04954</b>
<b>C-DIN-18-3.0-T45-DKM</b>	18	3 cm	<b>G05133</b>

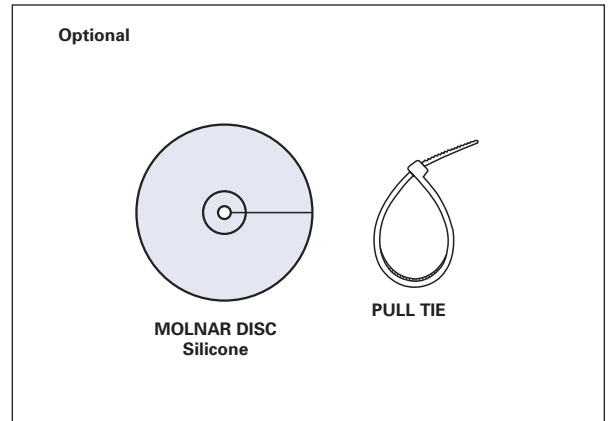
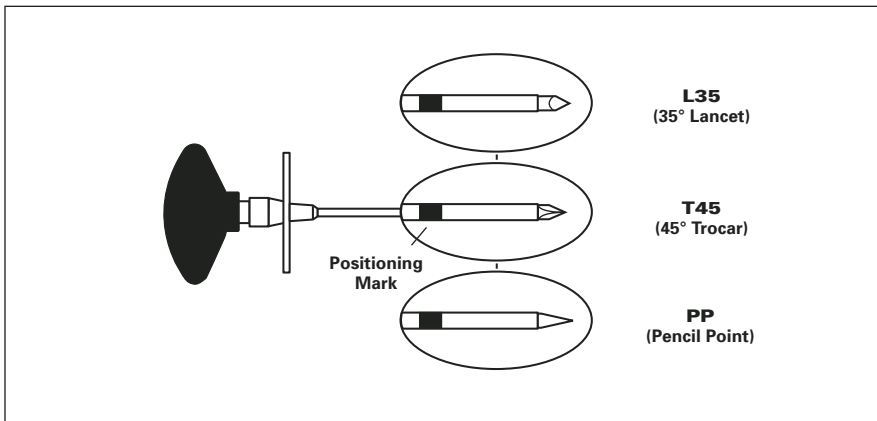
## DISPOSABLE INTRAOSSEOUS INFUSION NEEDLES

### STANDARD TIP DESIGNS



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

- Positioning mark 1 cm proximal to needle cannula tip provides visual reference point for depth determination.
  - Molnar disc and pull tie may be used to stabilize needle at skin level.
  - **Refer to complete instructions for placement in product insert.**
- Supplied sterile in peel-open packages. Intended for one-time use.



ORDER NUMBER	Gage	Length	Global Product Number
<b>Lancet</b>			
C-DIN-16-3.0-L35	16	3 cm	G04321
C-DIN-16-4.0-L35	16	4 cm	G03994
C-DIN-18-2.5-L35	18	2.5 cm	G07003
C-DIN-18-3.0-L35	18	3 cm	G04436
C-DIN-18-4.0-L35	18	4 cm	G03984
<b>Trocar</b>			
C-DIN-14-3.0-T45	14	3 cm	G05202
C-DIN-14-4.0-T45	14	4 cm	G05153
C-DIN-16-3.0-T45	16	3 cm	G04320
C-DIN-16-4.0-T45	16	4 cm	G04153
C-DIN-18-2.5-T45	18	2.5 cm	G06606
C-DIN-18-3.0-T45	18	3 cm	G04431
C-DIN-18-4.0-T45	18	4 cm	G04087
<b>With Molnar Disc</b>			
C-DIN-16-3.0-T45-M	16	3 cm	G04505
C-DIN-18-3.0-T45-M	18	3 cm	G04481
C-DIN-18-4.0-T45-M	18	4 cm	G04172
<b>Pencil Point</b>			
C-DIN-18-3.0-PP	18	3 cm	G04358
C-DIN-18-4.0-PP	18	4 cm	G04093

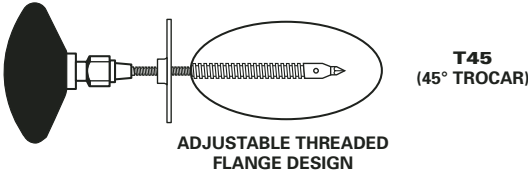
### INTRAOSSUEOUS INFUSION NEEDLE WITH ADJUSTABLE FLANGE



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

- **AF** suffix denotes needle with adjustable threaded flange design.
- Adjustable threaded flange design allows control of needle insertion depth.
- **Refer to complete instructions for placement in product insert.**

Supplied sterile in peel-open packages. Intended for one-time use.



**ORDER NUMBER**

**C-SDIN-15.5-3.0-T45-AF**

**Gage**

15.5

**Length**

3 cm

**Global Product Number**

**G07698**

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## VIDEOTAPES

VHS (1/2 inch) videotapes are available. Allow 1-2 weeks for delivery. For listing of updates or additional information on available videotapes, contact COOK CRITICAL CARE.

<b>ORDER NUMBER</b>		<b>ORDER NUMBER</b>	
<b>C-VC-16</b>	<b>PERCUTANEOUS INSERTION OF THE THAL-QUICK CHEST TUBE</b> AUTHORS: A. P. Thal, M.D., F.A.C.S., K. L. Quick, B.S.N., Department of Surgery, Northeastern Regional Hospital, Las Vegas, New Mexico. (Duration: 4 min.)	<b>C-VC-26</b>	<b>EMERGENCY INTRAOSSEOUS INFUSION</b> AUTHOR: E. Johnson, M.D., Loma Linda University Medical Center, Loma Linda, California. (Duration: 28 min.)
<b>C-VC-18</b>	<b>INSERTION OF THE MELKER EMERGENCY CRICOTHYROTOMY CATHETER</b> AUTHOR: R. Melker, M.D., Ph.D., Shands Hospital, University of Florida, Gainesville, Florida. (Duration: 6 min.)	<b>C-VC-39</b>	<b>COOK PNEUMOTHORAX CATHETER SET WAYNE PNEUMOTHORAX CATHETER SET</b> AUTHOR: M.A. Wayne, M.D., F.A.C.E.P., Medical Director, Whatcom County Emergency Medical Service, Bellingham, Washington. (Duration: 5 min.)
<b>C-VC-25</b>	<b>INSERTION OF A COOK INTRAOSSEOUS NEEDLE</b> AUTHOR: E. Johnson, M.D., Loma Linda University Medical Center, Loma Linda, California. (Duration: 7 min.)	<b>C-VC-43</b>	<b>COOK RETROGRADE INTUBATION SETS</b> AUTHOR: W. Rosenblatt, Yale-New Haven Hospital, Yale University, New Haven, Connecticut.

## POSTERS

Cook Airway Exchange Catheters (C-P-CAE800)

Melker Emergency Cricothyrotomy Catheter Sets (C-P-TCCS800)

Cook Retrograde Intubation Sets (C-P-RETRO800)

Seldinger Technique (C-P-ST899)

Pediatric Emergency – Intraosseous Infusion for Administration of Fluids and Drugs (C-P-DIN800)

Available upon request from Cook Critical Care.

## SLIDES

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