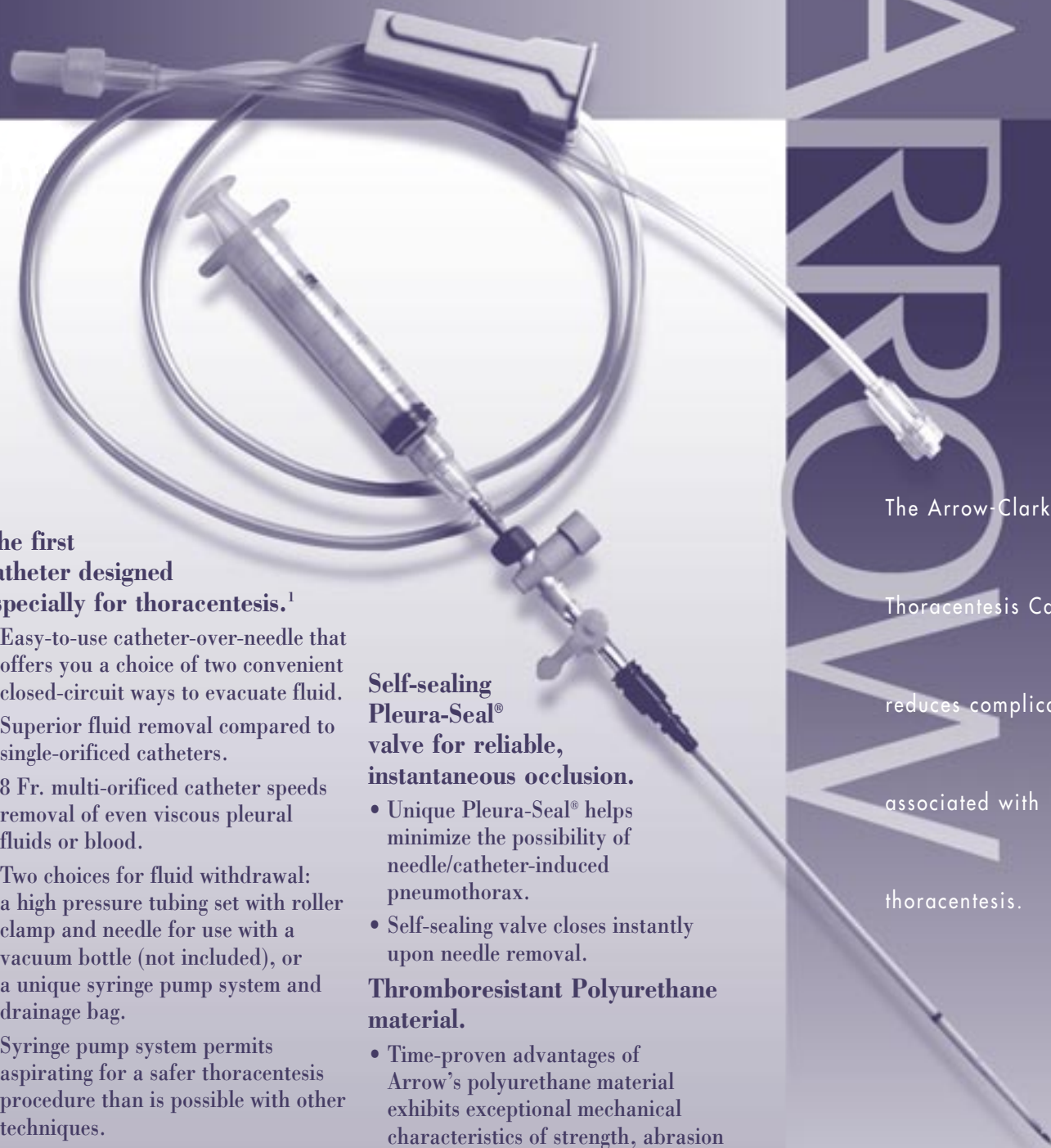


# Arrow-Clarke™ Thoracentesis Catheter with Pleura-Seal® Valve



## The first catheter designed especially for thoracentesis.<sup>1</sup>

- Easy-to-use catheter-over-needle that offers you a choice of two convenient closed-circuit ways to evacuate fluid.
- Superior fluid removal compared to single-orificed catheters.
- 8 Fr. multi-orificed catheter speeds removal of even viscous pleural fluids or blood.
- Two choices for fluid withdrawal: a high pressure tubing set with roller clamp and needle for use with a vacuum bottle (not included), or a unique syringe pump system and drainage bag.
- Syringe pump system permits aspirating for a safer thoracentesis procedure than is possible with other techniques.

## Reduced risk of pneumothorax.

- Fail-safe device designed for thoracentesis protects your patient from possible hazards associated with air aspiration when withdrawing the introducer needle.

## Self-sealing Pleura-Seal® valve for reliable, instantaneous occlusion.

- Unique Pleura-Seal® helps minimize the possibility of needle/catheter-induced pneumothorax.
- Self-sealing valve closes instantly upon needle removal.

## Thromboresistant Polyurethane material.

- Time-proven advantages of Arrow's polyurethane material exhibits exceptional mechanical characteristics of strength, abrasion resistance, and hydrolytic stability.
- Side port also allows the infusion of chemotherapeutic or sclerosing agents.

The Arrow-Clarke™

Thoracentesis Catheter

reduces complications

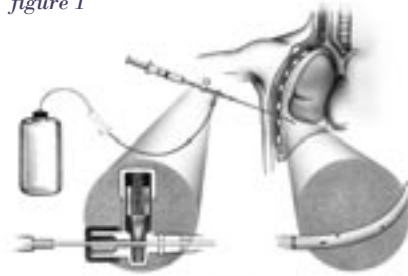
associated with

thoracentesis.

ARROW

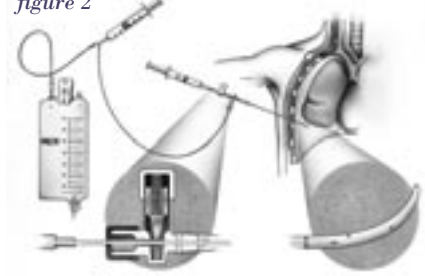
Arrow-Clarke™  
Thoracentesis Catheter  
with Pleura-Seal® Valve

figure 1



To remove fluid with vacuum bottle, tubing with needle and roller clamp should be attached as shown in Figure 1 above. With the tubing and needle inserted in a vacuum bottle, open the roller clamp until the desired flow is obtained.

figure 2



To use the syringe, connect tubing and collection bag as shown above in Figure 2. With stopcock opened, withdraw syringe plunger to aspirate fluid and depress the syringe plunger to expel the fluid through the second one-way valve into the collection bag. Repeat as necessary.

### Ordering Information

Product No.	Description	Per Case
<b>AK-01000</b>	<b>Arrow-Clarke™ Pleura-Seal® Thoracentesis Kit</b>	<b>10/case</b>
One: Vial: Specimen	Two: 5 ml Ampule HCl, 1% Lidocaine Solution	
One: Vial: Specimen	One: Drainage Bag	
One: Vial: Specimen	One: Drape: 18" x 24" with 2-3/4" fenestration, with adhesive	
One: Polyurethane Centesis Device: 8 Fr. Catheter over 18 Ga. x 7-1/2" (19 cm) RW Needle with 3-way Stopcock, Self-Sealing Valve and 5 cc Luer-Lock Syringe	One: CSR Wrap	
One: Injection Needle: 22 Ga. x 1-1/2" (3.81 cm)	Two: Dressing: Adhesive 7.6 cm x 2.5 cm	
One: Injection Needle: 25 Ga. x 1" (2.54 cm)	Five: Gauze Pad(s): 4" x 4"	
One: Syringe: 10 cc Luer-Lock	One: Tubing Set: Drainage with Roller Clamp and 18 Ga. Needle	
One: Syringe: 60 cc Luer-Lock	One: Scalpel: #11	
One: 3 Swabstick Foil Pack 10% Povidone-Iodine	One: Tubing Set with Aspiration/Discharge Device	
<b>CS-01000</b>	<b>Arrow-Clarke™ Pleura-Seal® Thoracentesis Set</b>	<b>10/case</b>
One: Polyurethane Centesis Device: 8 Fr. Catheter over 18 Ga. x 7-1/2" (19 cm) RW Needle with 3-way Stopcock, Self-Sealing Valve and 5 cc Luer-Lock Syringe	One: Tubing Set: Drainage with Roller Clamp and 18 Ga. Needle	
	One: Scalpel: #11	
<b>AK-01000-T</b>	<b>Arrow-Clarke™ Pleura-Seal® Thoracentesis Kit</b>	<b>10/case</b>
One: FEP Centesis Device: 8 Fr. Catheter over 18 Ga. x 7-1/2" (19 cm) RW Needle with 3-way Stopcock, Self-Sealing Valve	Two: 5 ml Ampule HCl, 1% Lidocaine Solution	
One: Vial: Specimen	One: Drainage Bag	
One: Vial: Specimen	One: CSR Wrap	
One: Vial: Specimen	One: Drape: 24" x 30" with 4" fenestration, with adhesive	
One: Injection Needle: 22 Ga. x 1-1/2" (3.81 cm)	Two: Dressing: Adhesive 7.6 cm x 2.5 cm	
One: Injection Needle: 25 Ga. x 1" (2.54 cm)	Five: Gauze Pad(s): 4" x 4"	
One: Syringe: 10 cc Luer-Lock	One: Tubing Set: Drainage with Roller Clamp and 18 Ga. Needle	
One: Syringe: 5 cc Luer-Lock	One: Scalpel: #11	
One: Syringe: 60 cc Luer-Lock	One: Tubing Set with Aspiration/Discharge Device	
One: 3 Swabstick Foil Pack 10% Povidone-Iodine		

For information regarding distribution in your area, contact:

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Fax: 610-478-3199  
Orders-only toll-free fax:  
800-343-2935

Distribution Worldwide.  
Offices in Africa, Canada, Czech Republic, France, Germany, Greece, Holland, Japan, Mexico, Slovakia and Spain.

[www.arrowintl.com](http://www.arrowintl.com)

For more information on Arrow's complete line of innovative products, call your Arrow representative or contact us by calling 800-523-8446 or 610-378-0131.

1 Clarke JM. "A new instrument for thoracentesis." Surgery, Gynecology and Obstetrics. December 1984;587-588.

Caution: Do not suture directly to outside of diameter of catheter tubing.

Caution: Alcohol and acetone can weaken polyurethane material. Therefore, care should be taken when using high concentration of alcohol or acetone when performing routine catheter care and maintenance.

Caution: Due to the risk of exposure to HIV (Human Immunodeficiency Virus) or other blood-borne pathogens, healthcare workers should routinely use "universal blood and body-fluid precautions" in the care of all patients. Caution: U.S. Federal Law limits this device to sale by or on order of a physician. Contents of unopened, undamaged package are sterile.

Contains no medication. Disposable. Refer to package insert for current warnings, precautions, and instructions for use.

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