Argon Medical Devices
Product Catalog

ARGON
MEDICAL DEVICES

About Argon Medical Devices, Inc.

Argon Medical Devices, Inc. is a global manufacturer of specialty medical products headquartered in Plano, Texas. Argon offers a broad line of medical devices for Interventional Radiology, Vascular Surgery and Interventional Cardiology. Argon has successfully grown into a leading global supplier of devices to the healthcare marketplace. Argon's brand is recognized for producing quality products that improve patient outcomes.

Our products include the Option™ELITE Retrievable Inferior Vena Cava Filter, Cleaner™ Rotational Thrombectomy Systems, and UltraStream™ Chronic Dialysis Catheter. We also offer complete lines of PICC and midline catheters, endomyocardial biopsy forceps, introducer sheaths, pressure transducers, and other vascular products.
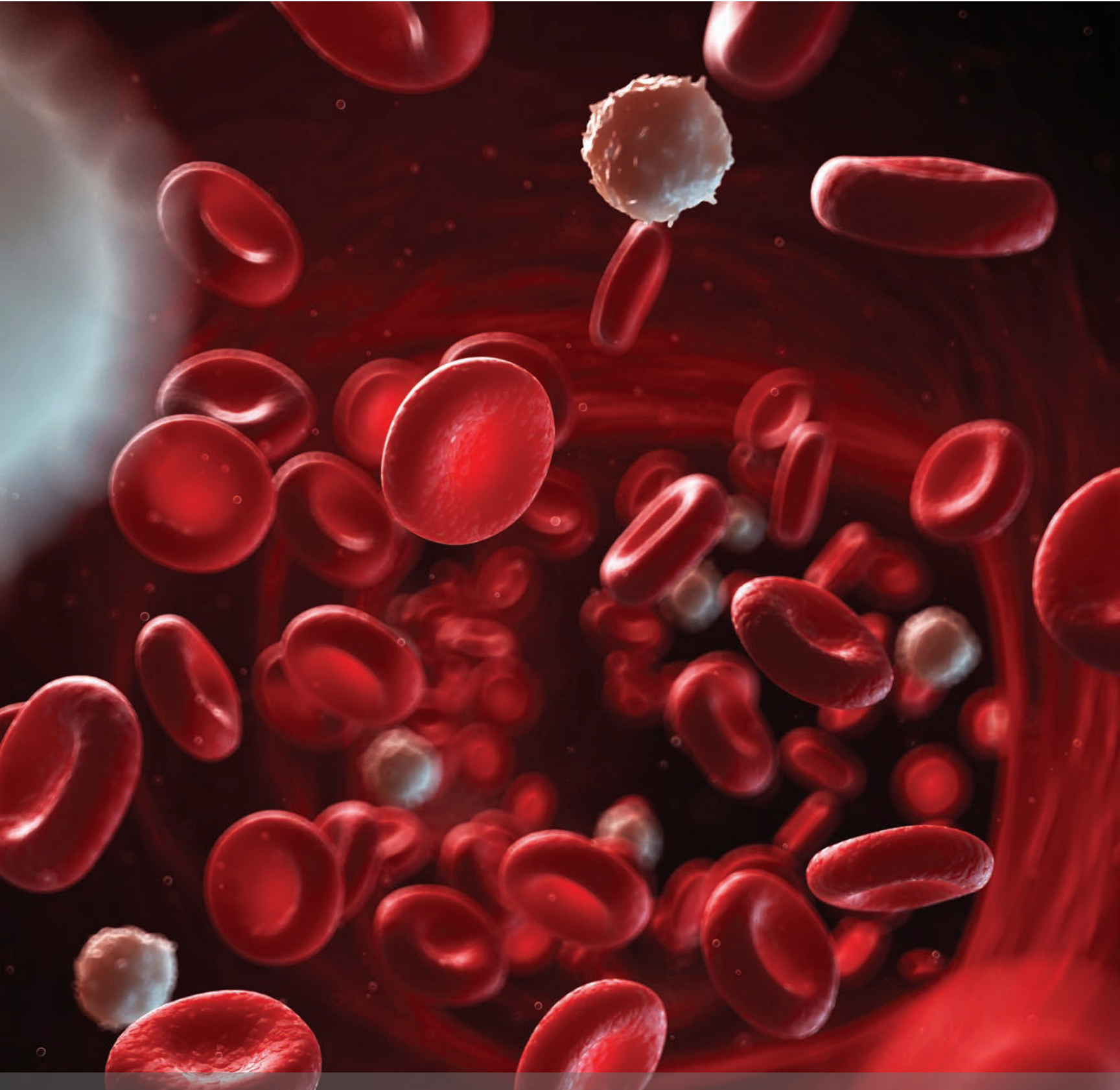
Following the acquisition of Angiotech Pharmaceuticals Interventional business in April 2013, Argon Medical Devices also offers a variety of devices for biopsy, drainage and vascular procedures. Key product lines in this business include BioPince™ Full Core Biopsy Devices, Tru-Core™ II (fully automatic) and SuperCore™ (semi-automatic) Disposable Biopsy Instruments, T-Lok™ Bone Marrow Biopsy Devices, Skater™ Drainage Catheters, and Atrieve™ Vascular Snare.

Argon's established sales and marketing infrastructure serves a broad and diversified global customer base through both a direct sales force, and through long-standing relationships with OEMs, strategic partners, and leading medical device distributors.

For more information, or to be contacted by your local Territory Manager, please contact Argon Customer Service at 800.927.4669, fax 903.677.9396 or email Customer.Service@argonmedical.com

Table of Contents

Thrombus Management

- Option™ELITE Inferior Vena Cava Filter System
- Atrieve™ Vascular Snare Kit
- V+Pad™ Hemostasis Pads
- CLEANERXT™ & CLEANER15™ Rotational Thrombectomy System
- EKM Inflation Device

ARGON
MEDICAL DEVICES

Option™ELITE Inferior Vena Cava Filter System

Versatility & Proven Performance

The Option™ELITE inferior vena cava filter protects against recurrent pulmonary embolism (PE). It can be retrieved or remain implanted depending on whether the patient needs short-term or long-term PE protection. With over six years of positive, consistent and proven clinical performance, the Option™ELITE filter has a unique anchoring system that makes retrievals easier. The Option™ELITE is now cleared for delivery using a standard or over-the-wire technique via jugular, femoral, antecubital, or popliteal access.

Filter Attributes

- Unique open apex design for easy snare capture and retention at retrieval
- Open apex design for snare retention at retrieval
- Single piece nitinol construction for enhanced structural integrity
- Electropolished for increased fracture resistence
- Innovative anchor design for stability and retrievability in cava diameters up to 30mm
- Curved anchors for cranial migration prevention
- Anchor grips for caudal migration prevention
- Leg extensions for perforation prevention

Curved Pusher

Valve Cap

Delivery Sheath

Filter Cartridge

Dilator
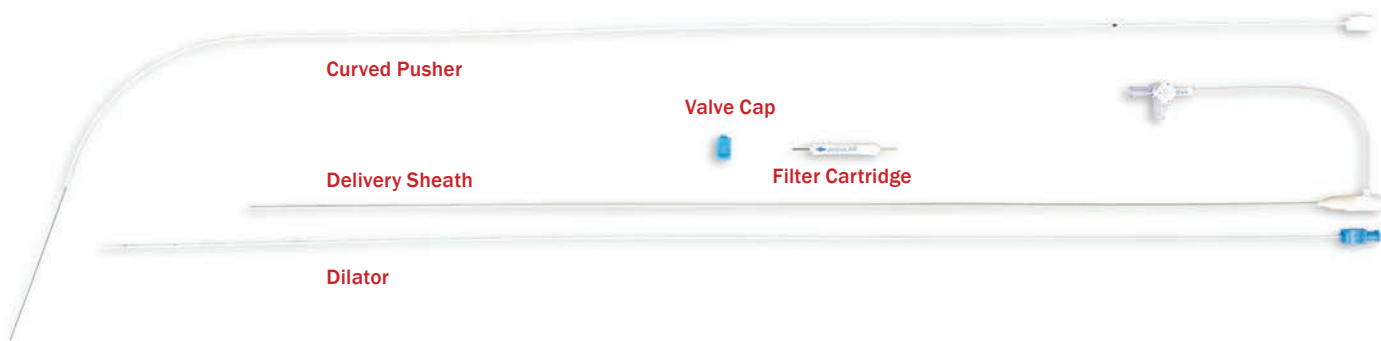
Now Available with a 100cm Delivery Sheath for Popliteal Access

- The only IVC filter indicated for popliteal access
- Increases efficiency in DVT treatment procedures by eliminating the need for patient repositioning after placement
- Smallest delivery system available with a 5F ID delivery sheath, enabling more access options
- Over six years of positive, consistent and proven clinical performance with very low risk of complications

Over-The-Wire Delivery

By delivering the Option™ELITE over-the-wire, the filter is given a path to follow for a predictable and accurate placement. The additional control provided by the guidewire:

- Stabilizes the filter's apex during deployment
- Places the apex in the center of the IVC
- Positions the filter for easier retrieval
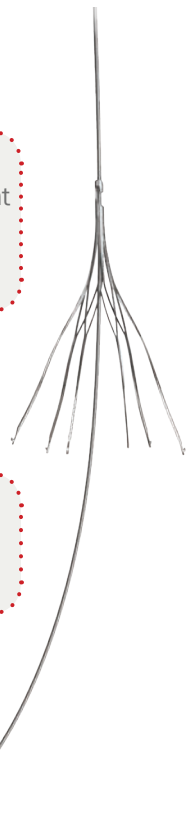
Option™ELITE Inferior Vena Cava Filter System (cont.)

Delivery System Attributes

- A low-profile 5F ID delivery system to reduce trauma at the access site

- A curved pusher to aid centering and resist tilt during deployment

- A universal cartridge for femoral/popliteal or jugular/antecubital delivery

- Available with a 70cm delivery sheath for delivery via jugular and femoral access or 100cm delivery sheath for delivery via antecubital and popliteal access
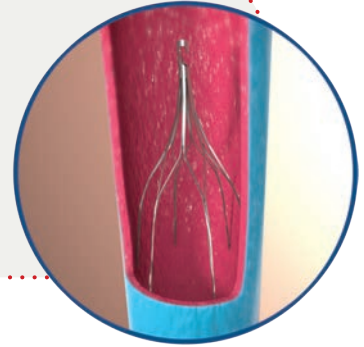
Indications

The Option™ELITE Inferior Vena Cava Filter is intended for the prevention of recurrent PE via placement in the vena cava in the following conditions:

- Pulmonary thromboembolism when anticoagulant therapy is contraindicated

- Failure of anticoagulation therapy in thromboembolic diseases

- Emergency treatment following massive PE when anticipated benefits of conventional therapy are reduced

- Chronic, recurrent PE when anticoagulation therapy has failed or is contraindicated

For a complete list of the warnings, cautions, and delivery instructions, please consult the Option™ELITE directions for use.

Kit Specifications

CATALOG NO	DESCRIPTION	CAVA DIAMETER SUPPORTED	SHEATH LENGTH	SHEATH SIZE
352506070E	Femoral or Jugular Access	up to 30 mm	70 cm	5 Fr ID
352506100E	Antecubital or Popliteal Access	up to 30 mm	100 cm	5 Fr ID
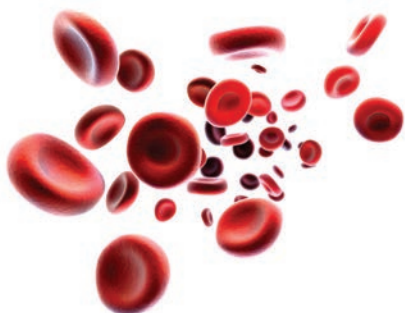
Option™ ELITE
Retrievable Vena Cava Filter
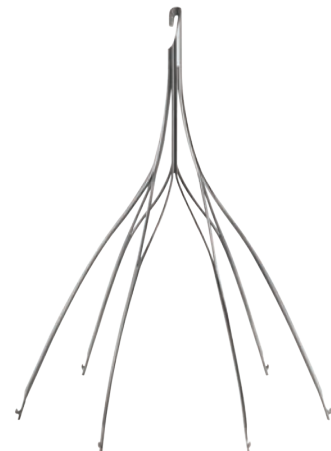
Atrieve™ Vascular Snare Kit

Designed to fit a range of vessel sizes, the presence of three loops increases the probability of foreign body capture and provides a distinct advantage when working in confined spaces.

- Multiple, independent, short profile loops with tips on each loop allow for self-sizing to adjust to changing vessel diameter and complete vessel coverage

- Platinum strands provide excellent fluoroscopic visualization

- Shaft and loops made with nitinol wire for 1:1 torque control and kink-resistance

- 15° angled tip (6F and 7F sizes only) on catheter assists with navigation through tortuous anatomy

- Radiopaque band on catheter for increased visibility under fluoroscopy

- Kit includes an Atrieve™ Vascular Snare, delivery catheter, introducer and torque device

Atrieve™ Vascular Snare Kit (Each)

CATALOG NO	DESCRIPTION
381003004	2-4 mm diameter x 175 cm snare, 3.2F x 150 cm catheter
381003008	4-8 mm diameter x 175 cm snare, 3.2F x 150 cm catheter
382006010	6-10 mm diameter x 120 cm snare, 6F x 100 cm catheter
382006015	9-15 mm diameter x 120 cm snare, 6F x 100 cm catheter
382006020	12-20 mm diameter x 120 cm snare, 6F x 100 cm catheter
382007030	18-30 mm diameter x 120 cm snare, 7F x 100 cm catheter
382007045	27-45 mm diameter x 120 cm snare, 7F x 100 cm catheter
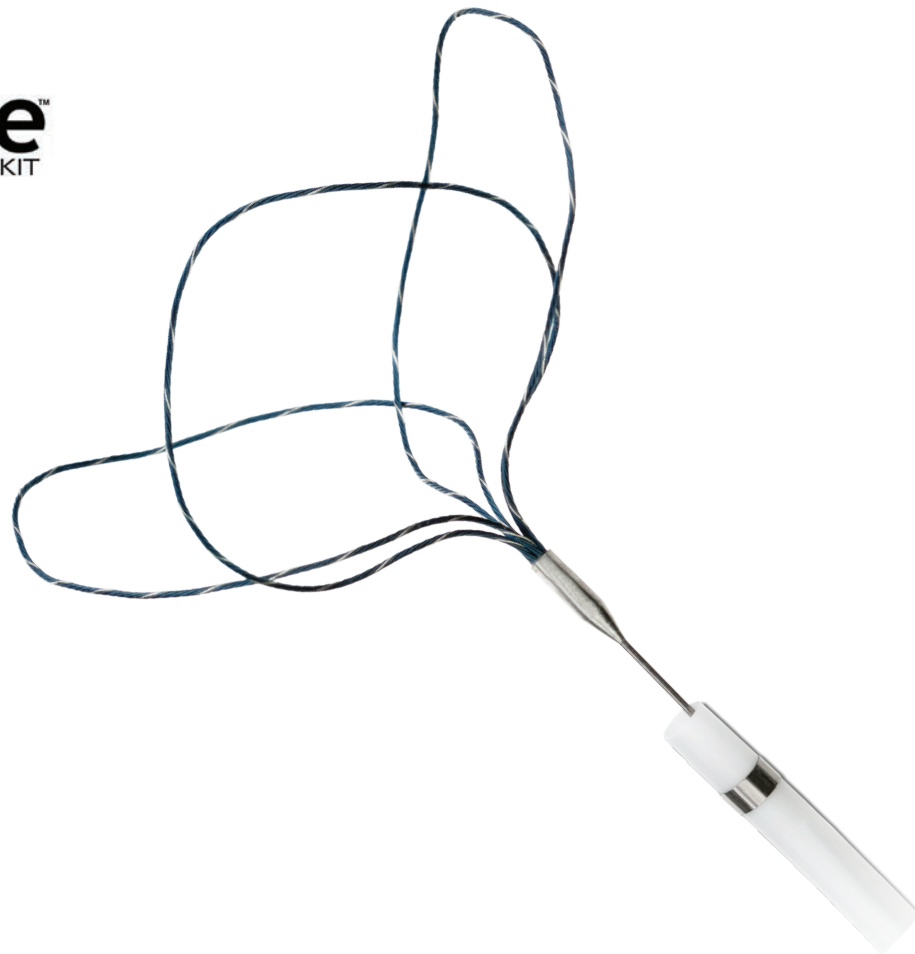
V+Pad™ Hemostasis Pads

The V+Pad™ Hemostasis Pad is a topical, hydrophilic wound dressing intended for use in the local management of bleeding wounds, such as vascular access sites and percutaneous catheters or tubes. V+Pad™ promotes coagulation at access sites.

- Controls bleeding at central venous and arterial catheter sites. May be cut for easy placement around vascular access catheters
- Double-stitched, woven gauze composition
- D-glucosamine enriched gauze fibers to promote clotting
- Procedure reminder stickers included for removal within 24 hours

V+Pad™ Hemostasis Pads (Box of 10)	
CATALOG NO	DESCRIPTION
3935	V+Pad™ Hemostasis Pad, approx. 4 cm x 4 cm

V+Pad™

Because Time Is Critical

CLEANER XT™ & CLEANER 15™ Rotational Thrombectomy System

The only wall-contacting rotational thrombectomy system indicated for mechanical declotting and infusion of thrombolytics in the peripheral vasculature.

CLEANER XT™
Rotational Thrombectomy System

For greater steerability & effective maceration in smaller lumen vessels

- Low profile (.035", 6F) guidewire-like design enables excellent steerability through vessel tortuosity
- Improved drive shaft design increases efficiency of power transfer and torque
- 9mm sinusoidal wire amplitude ideal for removal of wall-adherent thrombus in small lumens

CLEANER XT™ Rotational Thrombectomy System

CATALOG NO	CATHETER OD	LENGTH	SINUSOIDAL WIRE AMPLITUDE
700009XT	6F	65cm	9mm
700109XT	6F	135cm	9mm

CLEANER 15™
Rotational Thrombectomy System
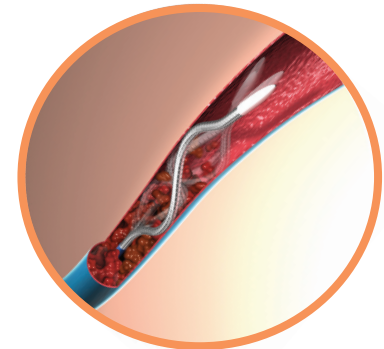
For powerful & effective maceration in larger lumen vessels

- Larger wire diameter (.044", 7F) improves pushability and performance
- Increased torque and power provides efficient thrombus maceration
- 15mm sinusoidal wire amplitude ideal for removal of wall-adherent thrombus in large lumens

CLEANER 15™ Rotational Thrombectomy System

CATALOG NO	CATHETER OD	LENGTH	SINUSOIDAL WIRE AMPLITUDE
700015	7F	65cm	15mm
700115	7F	135cm	15mm
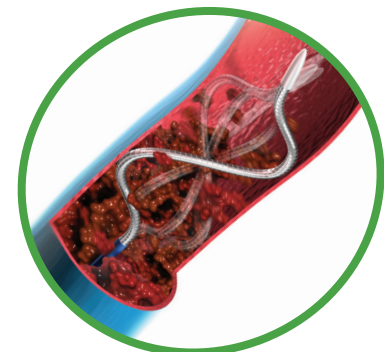
Indications for Use
- The CLEANER XT™ and CLEANER 15™ Rotational Thrombectomy Systems are indicated for mechanical declotting of native vessel dialysis fistulae and synthetic dialysis access grafts.
- The CLEANER XT™ and CLEANER 15™ Rotational Thrombectomy Systems are indicated for mechanical declotting and controlled and selective infusion of physician-specified fluids, including thrombolytics, in the peripheral vasculature.

CLEANER XT™ & CLEANER 15™ Rotational Thrombectomy Systems (cont.)

Designed for Successful Outcomes

- Indicated for use in both the peripheral vasculature and in AV dialysis fistulae/grafts
- Available in 65cm length for upper extremity or short-reach needs
- Available in 135cm length for popliteal/femoral access or other long-reach needs

Powerful Yet Atraumatic

- Powerful rotating action of the single sinusoidal wire effectively macerates wall-adherent thrombus while reducing the risk of endothelial damage [1]
- Enables infusion of thrombolytics and contrast media through the built-in 3-way side-port and distal side hole
- Guidewire-like design enables steerability through tortuous anatomy

Ergonomic, One-Piece Design

- Choose between low profile (6F) system or more robust (7F) system for larger vessels
- Single-piece system, with no capital equipment to purchase
- Ready to use immediately, with no assembly required
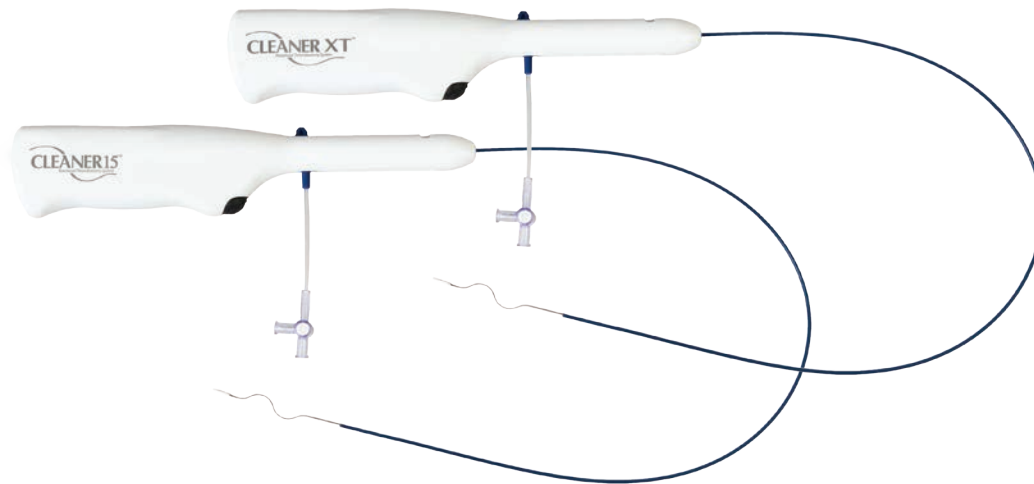
In an independent study using CLEANER in symptomatic DVT patients, complete thrombus resolution was achieved in 70.7% of patients. [2]

[1] F. Vega, Safety Comparison of Cleaner Rotational Thrombectomy System versus Arrow PTD in Native Vessels

[2] Köksoy C, et al. Pharmacomechanical Thrombolysis of Symptomatic Acute and Subacute Deep Vein Thrombosis with a Rotational Thrombectomy Device.   Journal of Vascular and Interventional Radiology 2014; 25:1895-1900.

EKM Inflation Device

EKM Inflation Device		
CATALOG NO	DESCRIPTION	UNITS
194100	30 Atm inflation device with analog display and 3-way stopcock	5

EKM Inflation Device Kit

EKM Inflation Device Kit		
CATALOG NO	DESCRIPTION	UNITS
194101	30 Atm inflation device with analog display and 3-way stopcock includes hemostasis valve, guide wire insertion tool, and torque device	5

Drainage

- **SKATER™ Drainage System**
- **SKATER™ All-Purpose Drainage Catheters**
- **SKATER™ Nephrostomy Drainage Catheters**
- **SKATER™ Biliary Drainage Catheters**
- **SKATER™ Centesis Catheters**
- **SKATER™ Safety Centesis Kits**

- **SKATER™ Introducer Sets**
- **Introducer Sheaths/Needles (ISN)**
- **Hawkins™ Blunt Needle Access System**
- **Drainage Bags**
- **Drainage Procedure Trays**

ARGON
MEDICAL DEVICES

SKATER™ Drainage System

The SKATER™ Drainage System provides a portfolio for clinicians and patients to manage their drainage needs. The portfolio includes a complete size range of catheters for percutaneous drainage procedures including abscess, nephrostomy, biliary, and centesis. To assist in targeted catheter placement, an array of accessories including introducer sets, introducer sheath/needles (ISN), and Hawkins blunt needles are available. The system is completed with drainage bags for collecting fluid.

SKATER™ All-Purpose, Nephrostomy, & Biliary Drainage Catheters

The SKATER™ catheters are designed to promote maximum drainage flow. They are formulated for patient comfort, kink resistance, easy insertion, and radiopacity.

Each Set Includes

- (1) SKATER™ catheter
- (1) Removable pigtail straightener
- (1) Metal stiffening cannula
- (1) Flexible stiffening cannula (Not available on 6F and 7F)
- (1) Locking system with snap-off tab (Not available on non-locking pigtail catheters)
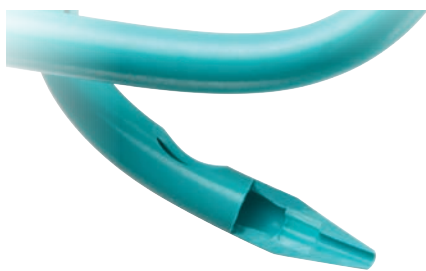
Cut away view of the internal Locking Shoulder Tip.

Snap-off tab facilitates easy locking of the catheter.

SKATER™ All-Purpose Drainage Catheters

SKATER™ All-Purpose Drainage Catheters are suitable for a variety of applications using a direct-stick or Seldinger technique. They feature a large catheter lumen, large skived drainage holes and a large lumen hub designed to promote maximum drainage flow.

Key Product Attributes

- Expansive size offering of 6F – 16F
- Available in locking and non-locking configurations
- Choice Lock™ trocar stylet allows for single-handed abscess drainage placement
- Comes with flexible stiffener, metal stylet, and metal cannula

SKATER™ All-Purpose Drainage Catheter w/Locking Pigtail (Box of 5)

CATALOG NO	DESCRIPTION
756506020*	6F x 20cm, accepts up to .035˝ guidewire
756507020*	7F x 20cm, accepts up to .035˝ guidewire
756508025	8F x 25cm, accepts up to .038˝ guidewire
756508030	8F x 30cm, accepts up to .038˝ guidewire
756510025	10F x 25cm, accepts up to .038˝ guidewire
756510030	10F x 30cm, accepts up to .038˝ guidewire
756512025	12F x 25cm, accepts up to .038˝ guidewire
756514025	14F x 25cm, accepts up to .038˝ guidewire
756516025	16F x 25cm, accepts up to .038˝ guidewire

*Flexible stiffening cannula not available on 6F and 7F.

SKATER™ All-Purpose Drainage Catheter w/Non-Locking Pigtail (Box of 5)

CATALOG NO	DESCRIPTION
756006020*	6F x 20cm, accepts up to .035˝ guidewire
756007020*	7F x 20cm, accepts up to .035˝ guidewire

*Flexible stiffening cannula not available on 6F and 7F.

Drainage

SKATER™ Nephrostomy Drainage Catheters

SKATER™ Nephrostomy Drainage Catheters are used to drain urine from the kidney. The catheter is made of soft polyurethane for kink-resistance.

Key Product Attributes

- Designed for Seldinger technique
- Expansive size offering of 6F – 14F
- Comes with flexible stiffener

SKATER™ Nephrostomy Drainage Catheter w/Locking Pigtail (Box of 5)

CATALOG NO	DESCRIPTION
755606025*	6F x 25cm, accepts up to .035˝ guidewire
755608035	8F x 35cm, accepts up to .038˝ guidewire
755610035	10F x 35cm, accepts up to .038˝ guidewire
755612035	12F x 35cm, accepts up to .038˝ guidewire
755614035	14F x 35cm, accepts up to .038˝ guidewire

*Flexible stiffening cannula not available on 6F.

SKATER™ Biliary Drainage Catheters

SKATER™ Biliary Drainage Catheters are used to drain bile from the bile duct and are placed using the Seldinger technique.

Key Product Attributes

- Radiopaque marker band provides clear view of the most proximal drainage hole for accurate placement in the biliary tract
- Additional drainage holes for biliary duct to duodenum drainage

SKATER™ Biliary Drainage Catheter w/Locking Pigtail (Box of 5)

CATALOG NO	DESCRIPTION
755308040	8F x 40cm, accepts up to .038˝ guidewire
755310040	10F x 40cm, accepts up to .038˝ guidewire
755312040	12F x 40cm, accepts up to .038˝ guidewire

SKATER™ Centesis Catheters

SKATER™ Centesis Catheters are designed for percutaneous fluid aspirations and small volume drainage procedures.

Key Product Attributes

- Needle with echogenic tip for precise placement under imaging
- Tapered catheter tip ensures good transition between catheter and needle to facilitate smooth insertion
- Four radial side holes on the catheter facilitate drainage within small cavities
- Hollow stylet needle permits aspiration of fluid prior to needle removal
- Vent plug allows air to exit catheter during insertion and protects against fluid leakage

SKATER™ Centesis Catheters (Box of 5)

CATALOG NO	DESCRIPTION
700304007	4F x 7cm
700304010	4F x 10cm
700304015	4F x 15cm
700305007	5F x 7cm
700305010	5F x 10cm
700305015	5F x 15cm
700405015	5F x 15cm without side holes
700305020	5F x 20cm
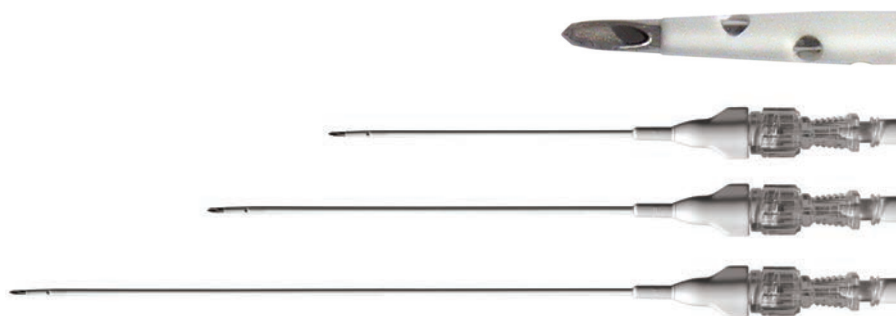
SKATER™ Safety Centesis Kits

Standard Centesis Procedure Kits (Box of 10)

CATALOG NO	DESCRIPTION
ATPK1005	Centesis Procedure Kit, 5F x 10cm SKATER™ Safety Centesis Catheter with Air Lock Valve
ATPK1001	Centesis Procedure Kit , 8F x 12cm SKATER™ Safety Centesis Catheter with Air Lock Valve
APIG1260K	Centesis Procedure Kit , 6F x 16cm SKATER™ Safety Centesis Catheter with Pigtail and Blunt Retracting Stylet
APIG1280K	Centesis Procedure Kit , 8F x 16cm SKATER™ Safety Centesis Catheter with Pigtail and Blunt Retracting Stylet

Kit Components

CATALOG NO	ATPK1005	ATPK1001	APIG1260K	APIG1280K
5mL Luer-lock Syringe	1	1	1	1
Point-Lok Needle Retention Device			1	1
#11 Safety Scalpel	1	1	1	1
Extension Set with 16G x 1 1/2" (3.8cm) Vacuum Needle	1	1	1	1
Luer Cap			1	1

SKATER™ Introducer Sets

The SKATER™ Introducer Set provides easy, accurate and atraumatic placement of a .035"/.038" guidewire in non-vascular procedures.

Key Product Attributes

- Embedded radiopaque marker enhances visualization for accurate placement
- 4F dilator/6F sheath assembly with locking stiffening cannula facilitates easy over-the-wire placement
- Large end hole design of the sheath accepts both .018" and .035"/.038" guidewires simultaneously
- Available with a stainless steel or nitinol .018" guidewire

The sheath accepts both an .018˝and an .035/.038˝ guidewire

SKATER™ Introducer with embedded radiopaque marker
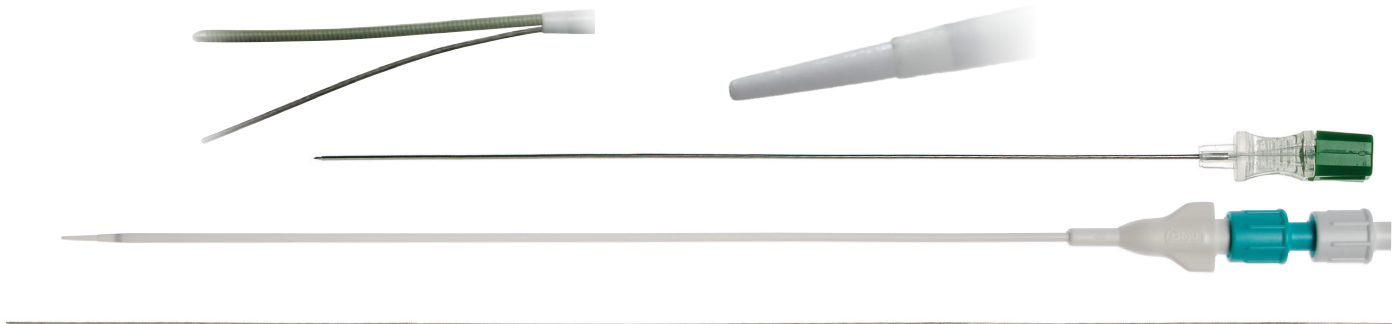
SKATER™ Introducer Sets (Box of 5)	
CATALOG NO	DESCRIPTION
651506000	4F dilator/6F x 18cm co-axial introducer, .018" x 80cm stainless steel guidewire with radiopaque tip, 21G x 15cm trocar needle
651506300	4F dilator/6F x 18cm co-axial introducer, .018" x 80cm nitinol guidewire with radiopaque tip, 21G x 15cm trocar needle
651006000	4F dilator/6F x 18cm co-axial introducer, .018" x 80cm stainless steel guidewire with platinum tip, 21G x 15cm trocar echogenic needle
651006300	4F dilator/6F x 18cm co-axial introducer, .018" x 80cm nitinol guidewire with platinum tip, 21G x 15cm trocar echogenic needle

Introducer Sheaths/Needles (ISN)

The ISN quickly and smoothly provides access for a .035"/.038" guidewire

Key Product Attributes

- 5F Radiopaque sheaths for guidewire insertion or fluid aspiration
- 19G needle with trocar-style tip for easy insertion
- Available in 15cm and 20cm lengths

Introducer Sheaths/Needles (Box of 10)	
CATALOG NO	DESCRIPTION
ISN1915	19G x 15cm with 5F sheath, accepts up to .038˝ guidewire
ISN1920	19G x 20cm with 5F sheath, accepts up to .038˝ guidewire

Hawkins™ Blunt Needle Access System

Key Product Attributes

- Provides a lightweight method of targeting, remaining in place while position is confirmed
- The adjustable needle stop localizes the outer cannula to the target, preventing forward migration
- The outer cannula has an echogenic tip, promoting accurate placement under ultrasound guidance
- Numerically ordered centimeter markings on the outer cannula provide reference for depth placement
- Accommodates most guidewires, biopsy needles, and biopsy instruments

Hawkins™ Blunt Needle Access System (Box of 5)

CATALOG NO	DESCRIPTION
216057	16G x 5 cm
216107	16G x 10 cm
216157	16G x 15 cm
218057	18G x 5 cm
218107	18G x 10 cm
218157	18G x 15 cm
218207	18G x 20 cm
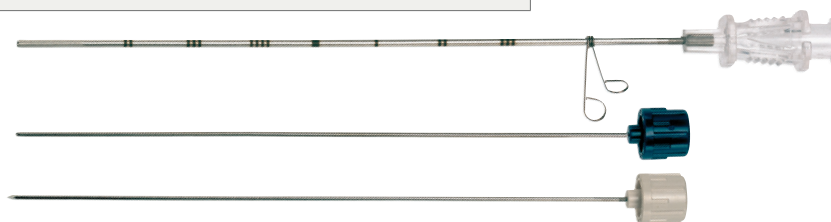
Drainage Bags

Drainage Bags are designed for efficient fluid collection during drainage procedures. The 600mL drainage bag has a bottom outlet and an adjustable drain tube length.

Key Product Attributes

- Kink-resistant tube can be cut and fit to the appropriate length
- Flexible tubing allows for patient mobility during drainage
- Twist-type valve provides quick and easy emptying of drainage bag
- Anti-reflux valve prevents retrograde contamination
- Fully adjustable soft belt provides patient convenience

Drainage Bags

CATALOG NO	DESCRIPTION
DBAG600	600mL drainage, with adjustable drain tube length (Box of 20)
DBAG600H	600mL drainage, with adjustable drain tube length (Box of 5)

Standard Centesis Procedure Trays

Standard Centesis Procedure Trays (Box of 10)	
CATALOG NO	DESCRIPTION
ATPT1005	Centesis Procedure Tray, 5F x 10 cm SKATER™ Safety Centesis Catheter with Air Lock Valve
ATPT1000	Centesis Procedure Tray, 8F x 12 cm SKATER™ Safety Centesis Catheter with Air Lock Valve
APIG1260T	Centesis Procedure Tray, 6F x 16 cm SKATER™ Safety Centesis Catheter with Pigtail and Blunt Retracting Stylet
APIG1280T	Centesis Procedure Tray, 8F x 16 cm SKATER™ Safety Centesis Catheter with Pigtail and Blunt Retracting Stylet

Standard Centesis Procedure Tray Components

	ATPT1005	ATPT1000	APIG1260T	APIG1280T
25G x 1 1/2" (3.8 cm) Safety Needle			1	1
25G x 1 1/2" (3.8 cm) Needle	1	1		
22G x 1 1/2" (3.8 cm) Safety Needle			1	1
22G x 1 1/2" (3.8 cm) Needle	1	1		
19G x 1 1/2" (3.8 cm) Filter Needle	1	1	1	1
Drainage Bag	1	1	1	1
60 mL Luer-lock Syringe	1	1	1	1
10 mL Luer-lock Syringe	1	1	1	1
5 mL Luer-lock Syringe	1	1	1	1
Foam Needle Holder	1	1	1	1
#11 Safety Scalpel	1	1	1	1
Protector Assembly	1	1	1	1
Extension Set with 16G x 1 1/2" (3.8 cm) Vacuum Needle and Roller Clamp	1	1	1	1
Extension Tubing Set with valve	1	1	1	1
5-in-1 Wall-suction Adapter	1	1	1	1
Luer Cap			1	1
Clear Specimen Vials	3	3	3	3
3"x 3" Gauze Pads	6	6	6	6
ChloraPrep Applicator 3 mL with Orange Tint	1	1	1	1
1% Lidocaine HCL Ampule (5mL)	2	2	2	2
Fenestrated Drape	1	1	1	1
Towel	1	1	1	1
Bandage	1	1	1	1
Hospital Wrap	1	1	1	1

Centesis Procedure Accessory Trays

Centesis Procedure Accessory Tray	
CATALOG NO	DESCRIPTION
A30-CE3CO	Centesis Procedure Tray with Safety Devices and without a Catheter (Box of 10)
A30-CE3SF	Centesis Procedure Tray with Safety Devices and without a Catheter (Box of 10)
A30-CE3SFDF	Safety Centesis Tray, Drug Free with Safety Devices and without a Catheter (Box of 10)
ASPP99CEBAA	Centesis Drainage Bag Set with Tubing (Box of 20)
ASPP99DPTVL	10 mL Vial Set of 4 (Box of 40)

Centesis Procedure Accessory Tray Components

	A30-CE3CO	A30-CE3SF	A30-CE3SFDF
25G x 5/8" (1.6 cm) Safety Glide Needle		1	1
25G x 5/8" (1.6 cm) Needle	1		
22G x 1 1/2" (3.8 cm) Safety Glide Needle		1	1
22G x 1 1/2" (3.8 cm) Needle	1		
19G x 1 1/2" (3.8 cm) Filter Needle	1		
Drainage Bag	1	1	1
30 mL Luer-lock Syringe	1	1	1
5 mL Luer-lock Syringe	1	2	2
Foam Needle Holder	1	1	1
Filter Straw		1	1
#11 Safety Scalpel	1	1	1
Extension Set with 16G x 1 1/2" (3.8 cm) Vacuum Needle	1	1	1
Extension Tubing Set with Valves	1	1	1
Catheter Adapter	1	1	1
Luer Cap	1	1	1
3"x 3" Gauze Pads	10	10	10
ChloraPrep Applicator 3 mL with Orange Tint	1	1	1
1% Lidocaine HCL Ampule (5mL)	2	2	
Label Sheet	1	1	1
Fine-tip Marker	1	1	1
4" x 4 3/4" Tegaderm Dressing	1	1	1
Fenestrated Drape	1	1	1
Towel	1	1	1
Bandage	1	1	1
Hospital Wrap	1	1	1

Safety Centesis Procedure Trays

Safety Centesis Procedure Tray (Box of 10)	
CATALOG NO	DESCRIPTION
A30-CE1SF	Centesis Procedure Tray with a 8 Fr x 9.4 cm SKATER™ Safety Centesis Catheter
APIG1260TSP	Centesis Procedure Tray, 6F x 16 cm SKATER™ Safety Centesis Catheter with Pigtail and Blunt Retracting Stylet, with Safety Devices
APIG1280TSP	Centesis Procedure Tray, 8F x 16 cm SKATER™ Safety Centesis Catheter with Pigtail and Blunt Retracting Stylet, with Safety Devices
ATPT1005SP	Centesis Procedure Tray, 5F x 10 cm SKATER™ Safety Centesis Catheter with Air Lock Valve, with Safety Devices
ATPT1000SP	Centesis Procedure Tray, 8F x 12 cm SKATER™ Safety Centesis Catheter with Air Lock Valve, with Safety Devices

Safety Centesis Procedure Tray Components

	A30-CE1SF	APIG1260TSP	APIG1280TSP	ATPT1005SP	ATPT1000SP
25G x 5/8" (1.6 cm) Safety Glide Needle	1				
25G x 1" (2.5 cm) Safety Needle		1	1	1	1
22G x 1 1/2" (3.8 cm) Safety Glide Needle	1	1	1	1	1
Drainage Bag		1	1	1	1
60 mL Luer-lock Syringe		1	1	1	1
30 mL Luer-lock Syringe	1				
10 mL Luer-lock Syringe	1	1	1	1	1
5 mL Luer-lock Syringe	2	1	1	1	1
Point-Lok Needle Retention Device		2	2	2	2
Foam Needle Holder	1	1	1	1	1
Filter Straw	1	1	1	1	1
#11 Safety Scalpel	1	1	1	1	1
Protector Assembly	1	1	1	1	1
Extension Set with 16G x 1 1/2" (3.8 cm) Vacuum Needle with Roller Clamp	1	1	1	1	1
Extension Tubing Set with Valves		1	1	1	1
5-in-1 Wall-suction Adapter		1	1	1	1
Luer Cap	1	1	1		
Clear Specimen Vials		3	3	3	3
3"x 3" Gauze Pads	10	6	6	6	6
ChloraPrep Applicator 3 mL with Orange Tint	1	1	1	1	1
1% Lidocaine HCL Ampule (5mL)	2	2	2	2	2
Label Sheet	1	1	1	1	1
Fine-tip Marker	1	1	1	1	1
4" x 4 3/4" Tegaderm Dressing	1				
Fenestrated Drape	1	1	1	1	1
Towel	1	1	1	1	1
Bandage	1	1	1	1	1
Hospital Wrap	1	1	1	1	1

Drug Free Centesis Procedure Trays

Drug Free Centesis Procedure Trays (Box of 10)	
CATALOG NO	DESCRIPTION
APIG1260TCDF	Centesis Procedure Tray, 6F x 16 cm SKATER™ Safety Centesis Catheter with Pigtail and Blunt Retractin Stylet, Drug Free
ATPT1000CDF	Centesis Procedure Tray, 8F x 12 cm SKATER™ Safety Centesis Catheter with Air Lock Valve, Drug Free

Drug Free Centesis Procedure Tray Components

	APIG1260TCDF	ATPT1000CDF
25G x 1 1/2" (3.8 cm) Safety Needle	1	
25G x 1 1/2" (3.8 cm) Needle		1
22G x 1 1/2" (3.8 cm) Safety Needle	1	
22G x 1 1/2" (3.8 cm) Needle		1
19G x 1 1/2" (3.8 cm) Filter Needle	1	1
Drainage Bag	1	1
60 mL Luer-lock Syringe	1	1
10 mL Luer-lock Syringe	1	1
5 mL Luer-lock Syringe	1	1
Foam Needle Holder	1	1
#11 Safety Scalpel	1	1
Protector Assembly	1	1
Extension Set with 16G x 1 1/2" (3.8 cm) Vacuum Needle	1	1
Extension Tubing Set with Valves	1	1
5-in-1 Wall-suction Adapter	1	1
Luer Cap	1	
Clear Specimen Vials	3	3
3"x 3" Gauze Pads	6	6
ChloraPrep Applicator 3 mL with Orange Tint	1	1
Fenestrated Drape	1	1
Towel	1	1
Bandage	1	1
Hospital Wrap	1	1

Drug Free Centesis Procedure Trays with Safety Devices

Drug Free Centesis Procedure Trays with Safety Devices (Box of 10)	
CATALOG NO	DESCRIPTION
ATPT1005SDF	Centesis Procedure Tray, 5F x 10 cm SKATER™ Safety Centesis Catheter with Air Lock Valve, Drug Free with Safety Devices
ATPT1000SDF	Centesis Procedure Tray, 8F x 12 cm SKATER™ Safety Centesis Catheter with Air Lock Valve, Drug Free with Safety Devices

Drug Free Centesis Procedure Trays with Safety Devices Components

	ATPT1005SDF	ATPT1000SDF
25G x 1" (2.5 cm) Safety Needle	1	1
22G x 1 1/2" (3.8 cm) Safety Glide Needle	1	1
19G x 1 1/2" (3.8 cm) Filter Needle	1	1
Drainage Bag	1	1
60 mL Luer-lock Syringe	1	1
10 mL Luer-lock Syringe	1	1
5 mL Luer-lock Syringe	1	1
Foam Needle Holder	1	1
#11 Safety Scalpel	1	1
Protector Assembly	1	1
Extension Set with 16G x 1 1/2" (3.8 cm) Vacuum Needle	1	1
Extension Tubing Set with Valves	1	1
5-in-1 Wall-suction Adapter	1	1
Clear Specimen Vials	3	3
3"x 3" Gauze Pads	6	6
Fenestrated Drape	1	1
Towel	1	1
Bandage	1	1
Hospital Wrap	1	1

Basic Thoracentesis Catheter Trays

Basic Thoracentesis Catheter Trays (Box of 10)	
CATALOG NO	DESCRIPTION
A4340A	Centesis Procedure Tray with 16G x 7 cm Aspiration Needle
A4340ASDF	Centesis Procedure Tray, Drug Free with 16G x 7 cm Aspiration Needle
A4341B	Centesis Procedure Tray with Safety Devices with 8" (20 cm) Thoracentesis Catheter with 14G Needle
A4341BSDF	Centesis Procedure Tray, Drug Free with Safety Devices with 8" (20 cm) Thoracentesis Catheter with 14G Needle

Basic Thoracentesis Catheter Trays Components

	A4340A	A4340ASDF	A4341B	A4341BSDF
25G x 5/8" (1.6 cm) Safety Needle		1		1
25G x 5/8" (1.6 cm) Needle	1		1	
22G x 2" (5 cm) Lancet Needle	1		1	
22G x 1 1/2" (3.8 cm) Safety Needle		1		1
Drainage Bag	1	1	1	1
60 mL Luer-lock Syringe	1	1	1	1
5 mL Luer-lock Syringe	1	1	1	1
3-way Stopcock	1	1	1	1
Extension Tubing (33")	1	1	1	1
Clear Specimen Vials	3	3	3	3
3"x 3" Gauze Pads	3	3	3	3
Swab Stick	2	2	2	2
1% Lidocaine HCL Ampule (5mL)	1		1	
Fenestrated Drape	1	1	1	1
Towel	1	1	1	1
Bandage	1	1	1	1
Hospital Wrap	1	1	1	1

Soft Tissue Biopsy

- TLAB® Transjugular Liver Biopsy System
- BioPince™ Full Core Biopsy Instrument
- Tru-Core™ II Automatic Biopsy Instrument
- SuperCore™ Semi-Automatic Biopsy Instrument
- Pro-Mag™ Ultra Automatic Biopsy Instrument
- Pro-Mag™ Ultra Biopsy Needles
- ACN™ Biopsy Needles

- UltraCore™ Biopsy Needles
- MaxiCell™ Biopsy Needles
- Fine Needle Aspiration (FNA) Biopsy Needles
- Fine Needle Aspiration (FNA) Trays
- Techna-Cut™ Biopsy Needles
- Biopsy Trays

ARGON
MEDICAL DEVICES

TLAB® Transjugular Liver Biopsy System

The TLAB Transjugular Liver Biopsy Instrument is designed to perform consistently in typical and tortuous anatomy, collect quality liver samples, and enhance patient and physician safety.

Key Product Attributes

- With patented Flexcore® technology helping the needle to conform to the curvature of the sheath, TLAB easily navigates and collects samples at typical or acute angles.

- The Tru-Track™ trocar tip and a fully exposed sample notch combine for a straight needle trajectory and maximum sample yield that's unmatched by the competition.[1]

- The TLAB includes a safety funnel for quick and easy loading and reloading of the needle into the sheath while reducing the risk of an inadvertent needle stick.

- Plus, the TLAB kit includes unique swab sticks to efficiently remove a sample from the notch while keeping a user's hands away from the needle.

TLAB Kit Content

CATALOG NO.	NEEDLE SIZE	SHEATH WITH METAL STIFFENER	STRAIGHT CATHETER	CURVED CATHETER	SWABS
TL-18N	18G	7F, 60cm	–	–	4
TL-18S	18G	7F, 60cm	5F, 65cm	–	4
TL-18C	18G	7F, 60cm	5F, 65cm	5F, 80cm	4
TL-19N	19G	7F, 60cm	–	–	4
TL-19S	19G	7F, 60cm	5F, 65cm	–	4
TL-19	19G	7F, 60cm	5F, 65cm	5F, 80cm	4
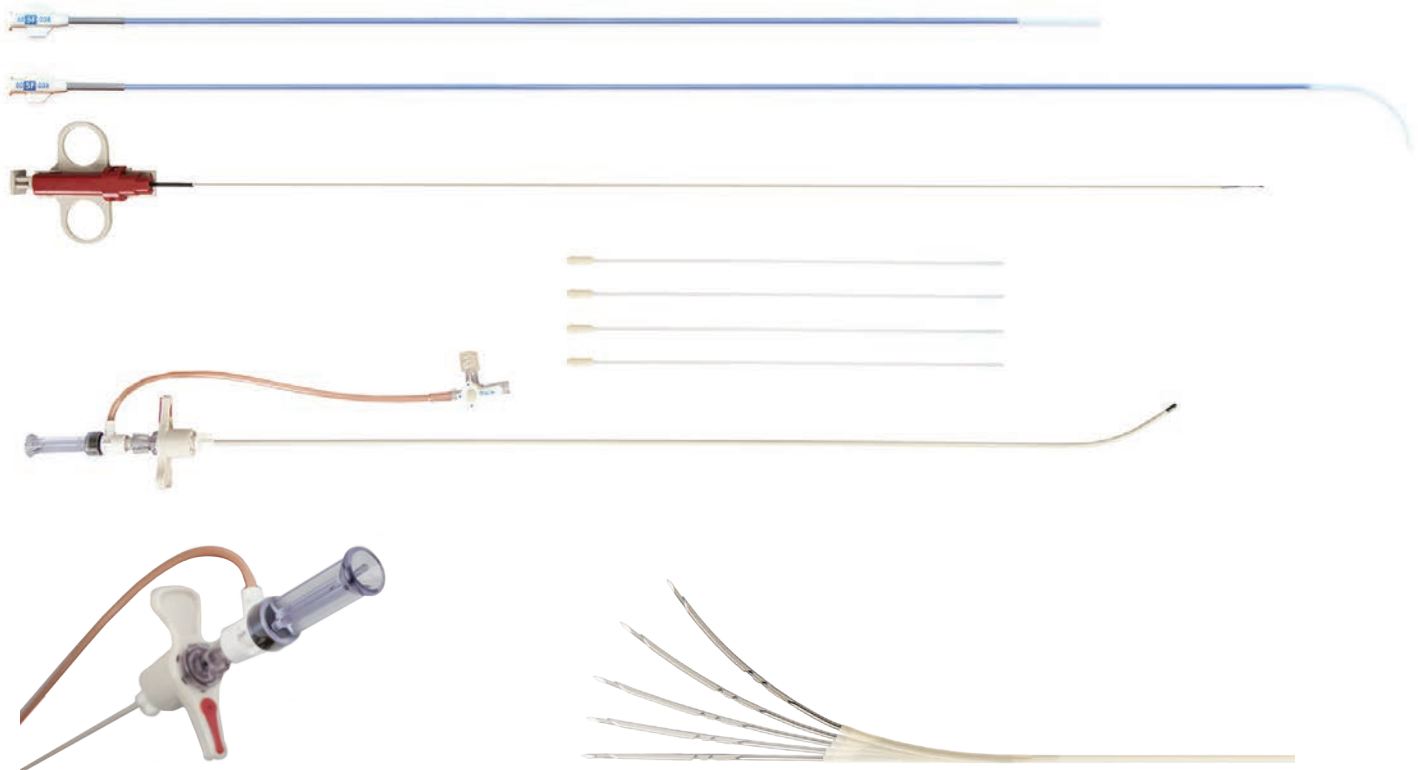
Safety Funnel For Safe Needle Loading

Flexcore® technology allows the needle to flex in tortuous anatomy

BioPince™ Full Core Biopsy Instrument

BioPince™ Full Core Biopsy Instrument utilizes our tri-axial core, cut and capture system to harvest diagnostic quality specimens while reducing the risk of crush artifact and tissue fragmentation. A full cylindrical specimen is harvested for clinical diagnosis.

Key Product Attributes

- Up to 59% more tissue volume than traditional core biopsy devices that use side-notch technology

- Easy specimen retrieval expels sample when device is re-cocked

- Variable throw lengths enhance clinical flexibility: 13mm throw yields 9mm specimen length, 23mm throw yields 19mm specimen length, 33mm throw yields 29mm specimen length

- Ready to fire indicator

- Safety button allows locking the device to prevent misfiring

- Centimeter markings provide reference for depth placement

- Can be used with optional echogenic co-axial introducer needles

BioPince™ Full Core Biopsy Instrument (Box of 5)

CATALOG NO.	DESCRIPTION
370-1080-01	16G x 10cm, optional co-axial needle: MCXS1610BP
370-1580-01	16G x 15cm, optional co-axial needle: MCXS1615BP
360-1080-01	18G x 10cm, optional co-axial needle: MCXS1810BP
360-1580-01	18G x 15cm, optional co-axial needle: MCXS1815BP
360-2080-01	18G x 20cm, optional co-axial needle: MCXS1820BP

Optional Echogenic Co-axial Introducer Needles (sold separately) (Box of 5)

CATALOG NO.	DESCRIPTION
MCXS1610BP	15G x 6.8cm, co-axial to 370-1080-01
MCXS1615BP	15G x 11.8cm, co-axial to 370-1580-01
MCXS1810BP	17G x 6.8cm, co-axial to 360-1080-01
MCXS1815BP	17G x 11.8cm, co-axial to 360-1580-01
MCXS1820BP	17G x 16.8cm, co-axial to 360-2080-01

Tru-Core™ II Automatic Biopsy Instrument

Tru-Core™ II Automatic Biopsy Instrument can be easily operated with one hand, making it ideal for procedures requiring ultrasound guidance. Its small size and light weight make it equally ideal for CT guided core biopsies.

Key Product Attributes

- A 22mm throw with a 19mm sample notch harvests diagnostic quality specimens

- Each instrument has an echogenic tip for accurate placement under ultrasound guidance

- Needles are color coded for easy gauge size determination, which can be seen through the window on the bottom of the device

- Tru-Core™ II URO Automatic Biopsy Instrument features needle sizes used specifically for prostate biopsies

- Can be used with echogenic co-axial introducer needles

Tru-Core™ II Automatic Biopsy Instrument (Box of 10)

CATALOG NO.	DESCRIPTION
763114100X	14G x 10cm, optional co-axial needle MCXS1410TX
763114160X	14G x 16cm, optional co-axial needle MCXS1416TX
763114200X	14G x 20cm
763116100X	16G x 10cm, optional co-axial needle MCXS1610TX
763116160X	16G x 16cm, optional co-axial needle MCXS1616TX
763116200X	16G x 20cm
763118100X	18G x 10cm, optional co-axial needle MCXS1810TX
763118160X	18G x 16cm, optional co-axial needle MCXS1816TX
763118200X	18G x 20cm, optional co-axial needle MCXS1820TX
763120100X	20G x 10cm, optional co-axial needle MCXS2010TY
763120160X	20G x 16cm, optional co-axial needle MCXS2016TY
763120200X	20G x 20cm

Optional Echogenic Co-axial Introducer Needles (sold separately) (Box of 10)

CATALOG NO.	DESCRIPTION
MCXS1410TX	13G X 5.1cm, coaxial to 763114100X
MCXS1416TX	13G x 11.1cm, co-axial to 763114160X
MCXS1610TX	15G x 5.1cm, co-axial to 763116100X
MCXS1616TX	15G x 11.1cm, co-axial to 763116160X
MCXS1810TX	17G x 5.1cm, co-axial to 763118100X
MCXS1816TX	17G x 11.1cm, co-axial to 763118160X
MCXS1820TX	17G x 15.1cm, co-axial to 763118200X
MCXS2010TY	19G x 5.4cm, co-axial to 763120100X
MCXS2016TY	19G x 11.4cm, co-axial to 763120160X

Tru-Core™ II URO Automatic Biopsy Instrument (Box of 10)

CATALOG NO.	DESCRIPTION
763418200X	18G x 20cm
763418250X	18G x 25cm

SuperCore™ Semi-Automatic Biopsy Instrument

SuperCore™ Semi-Automatic Biopsy Instrument is a lightweight, adjustable and easily maneuverable biopsy instrument. After setting the cutting cannula spring, the SuperCore™ Instrument may be operated with one hand, leaving the other hand free to manipulate a guidance device; i.e. an ultrasound probe.

Key Product Attributes

- Product is packaged with or without a corresponding co-axial introducer needle

- The specimen notch is adjustable (19mm or 9.5mm), providing clinical flexibility

- The specimen notch may be safely positioned in the lesion before the spring-loaded cutting cannula is fired

- Numerically ordered centimeter markings facilitate precise depth placement

- Each needle has an echogenic tip on the outer cannula to promote accurate placement under ultrasound guidance

SuperCore™ Semi-Automatic Biopsy Instrument (Box of 10)

CATALOG NO.	DESCRIPTION
701114060	14G x 6cm
701114090	14G x 9cm, optional co-axial needle MCXS1409LX
701114150	14G x 15cm, optional co-axial needle MCXS1415LX
701114200	14G x 20cm, optional co-axial needle MCXS1420LX
701116060	16G x 6cm
701116090	16G x 9cm, optional co-axial needle MCXS1609LX
701116150	16G x 15cm, optional co-axial needle MCXS1615LX
701116200	16G x 20cm, optional co-axial needle MCXS1620LX
701118060	18G x 6cm
701118090	18G x 9cm, optional co-axial needle MCXS1809LX
701118150	18G x 15cm, optional co-axial needle MCXS1815LX
701118200	18G x 20cm, optional co-axial needle MCXS1820LX
701120060	20G x 6cm
701120090	20G x 9cm, optional co-axial needle MCXS2009LY
701120150	20G x 15cm, optional co-axial needle MCXS2015LY
701120200	20G x 20cm, optional co-axial needle MCXS2020LY

Optional Echogenic Co-axial Introducer Needles (Box of 10)

CATALOG NO.	DESCRIPTION
MCXS1409LX	13G x 3.9cm, co-axial to 701114090
MCXS1415LX	13G x 9.9cm, co-axial to 701114150
MCXS1420LX	13G x 14.9cm, co-axial to 701114200
MCXS1609LX	15G x 3.9cm, co-axial to 701116090
MCXS1615LX	15G x 9.9cm, co-axial to 701116150
MCXS1620LX	15G x 14.9cm, co-axial to 701116200
MCXS1809LX	17G x 3.9cm, co-axial to 701118090
MCXS1815LX	17G x 9.9cm, co-axial to 701118150
MCXS1820LX	17G x 14.9cm, co-axial to 701118200
MCXS2009LY	19G x 4.2cm, co-axial to 701120090
MCXS2015LY	19G x 10.2cm, co-axial to 701120150
MCXS2020LY	19G x 15.2cm, co-axial to 701120200

SuperCore™ Semi-Automatic Biopsy Instrument with Echogenic Co-axial Introducer Needle (Box of 10)

CATALOG NO.	DESCRIPTION
701214090	14G x 9cm device packaged with 13G x 3.9cm co-axial
701214150	14G x 15cm device packaged with 13G x 9.9cm co-axial
701214200	14G x 20cm device packaged with 13G x 14.9cm co-axial
701216090	16G x 9cm device packaged with 15G x 3.9cm co-axial
701216150	16G x 15cm device packaged with 15G x 9.9cm co-axial
701216200	16G x 20cm device packaged with 15G x 14.9cm co-axial
701218090	18G x 9cm device packaged with 17G x 3.9cm co-axial
701218150	18G x 15cm device packaged with 17G x 9.9cm co-axial
701218200	18G x 20cm device packaged with 17G x 14.9cm co-axial
701220090	20G x 9cm device packaged with 19G x 4.2cm co-axial
701220150	20G x 15cm device packaged with 19G x 10.2cm co-axial
701220200	20G x 20cm device packaged with 19G x 15.2cm co-axial

Pro-Mag™ Ultra Automatic Biopsy Instrument

Pro-Mag™ Ultra Automatic Biopsy Instrument is a reusable device that utilizes disposable needles to harvest high quality histological specimens.

Key Product Attributes

- Features a 25mm "throw" advancement

- Trigger is easily actuated (fired) from the front or rear of the instrument

- Built-in safety activates upon cocking to prevent accidental firing

- Easy specimen retrieval without removing the needle from the instrument

Pro-Mag™ Ultra Automatic Biopsy Instrument (Box of 1)	
CATALOG NO.	DESCRIPTION
7675	Pro-Mag™ Ultra Automatic Biopsy Instrument

Pro-Mag™ Ultra Biopsy Needles

Specially designed for use with Pro-Mag™ Ultra Automatic Biopsy Instrument. High quality core biopsy needles provide histological specimens for diagnosis of suspect lesions.

Key Product Attributes

- A 19mm sample notch ensures sufficient tissue for clinical diagnosis

- Unique hub design obsoletes needle spacers

- Centimeter markings provide reference for accurate depth placement

- Each needle has an echogenic tip for accurate placement under ultrasound guidance

- Hubs are color-coded for easy gauge size determination

- Optimal co-axial introducer needles available

Pro-Mag™ Ultra Echogenic Biopsy Needles (Box of 10)

CATALOG NO.	DESCRIPTION
765014100	14G x 10cm, optional co-axial needle MCXS1410AX
765014120	14G x 12cm
765014160	14G x 16cm, optional co-axial needle MCXS1416AX
765016100	16G x 10cm, optional co-axial needle MCXS1610AX
765016160	16G x 16cm, optional co-axial needle MCXS1616AX
765016200	16G x 20cm
765018100	18G x 10cm, optional co-axial needle MCXS1810AX
765018160	18G x 16cm, optional co-axial needle MCXS1816AX
765018200	18G x 20cm, optional co-axial needle MCXS1820AX
765018250	18G x 25cm
765018300	18G x 30cm
765020100	20G x 10cm, optional co-axial needle MCXS2010AY
765020160	20G x 16cm, optional co-axial needle MCXS2016AY

Optional Echogenic Co-axial Introducer Needles (Box of 10)

CATALOG NO.	DESCRIPTION
MCXS1410AX	13G x 4.6cm, co-axial to 765014100
MCXS1416AX	13G x 10.6cm, co-axial to 765014160
MCXS1610AX	15G x 4.6cm, co-axial to 765016100
MCXS1616AX	15G x 10.6cm, co-axial to 765016160
MCXS1810AX	17G x 4.6cm, co-axial to 765018100
MCXS1816AX	17G x 10.6cm, co-axial to 765018160
MCXS1820AX	17G x 14.6cm, co-axial to 765018200
MCXS2010AY	19G x 4.9cm, co-axial to 765020100
MCXS2016AY	19G x 10.9cm, co-axial to 765020160

ACN™ Biopsy Needles

The ACN™ Biopsy Needle is to be used in conjunction with the Pro-Mag™ 2.2 Automatic Biopsy Instrument or other compatible, commercially available biopsy instruments. High quality core biopsy needles provide histological specimens for diagnosis of suspect lesions.

Key Product Attributes

- A 17mm sample notch ensures sufficient tissue for clinical diagnosis

- Each needle has an echogenic tip for accurate placement under ultrasound guidance

- Numerically ordered centimeter markings facilitate depth placement

- Hubs are color coded for easy gauge size determination

- Can be used with echogenic co-axial introducer needles

ACN™ Biopsy Needles (Box of 10)
For use with the Pro-Mag™ 2.2 Biopsy Instrument

CATALOG NO.	DESCRIPTION
ACN1410MF	14G x 10cm, optional co-axial needle MCXS1410AX
ACN1416MF	14G x 16cm, optional co-axial needle MCXS1416AX
ACN1610MF	16G x 10cm, optional co-axial needle MCXS1610AX
ACN1616MF	16G x 16cm, optional co-axial needle MCXS1616AX
ACN1620MF	16G x 20cm
ACN1810MF	18G x 10cm, optional co-axial needle MCXS1810AX
ACN1816MF	18G x 16cm, optional co-axial needle MCXS1816AX
ACN1820MF	18G x 20cm, optional co-axial needle MCXS1820AX
ACN1825MF	18G x 25cm
ACN1830MF	18G x 30cm
ACN2010MF	20G x 10cm, optional co-axial needle MCXS2010AY
ACN2016MF	20G x 16cm, optional co-axial needle MCXS2016AY
ACN2020MF	20G x 20cm

Optional Echogenic Co-axial Introducer Needles (sold separately) (Box of 10)

CATALOG NO.	DESCRIPTION
MCXS1410AX	13G x 4.6cm, co-axial to ACN1410MF
MCXS1416AX	13G x 10.6cm, co-axial to ACN1416MF
MCXS1610AX	15G x 4.6cm, co-axial to ACN1610MF
MCXS1616AX	15G x 10.6cm, co-axial to ACN1616MF
MCXS1810AX	17G x 4.6cm, co-axial to ACN1810MF
MCXS1816AX	17G x 10.6cm, co-axial to ACN1816MF
MCXS1820AX	17G x 14.6cm, co-axial to ACN1820MF
MCXS2010AY	19G x 4.9cm, co-axial to ACN2010MF
MCXS2016AY	19G x 10.9cm, co-axial to ACN2016MF

UltraCore™ Biopsy Needles

For use with Bard® MAGNUM® and BIP High Speed Multi-Biopsy Instrument. High quality core biopsy needles provide histological specimens for diagnosis of suspect lesions.

Key Product Attributes

- Unique hub design obsoletes needle spacers

- A 19 mm sample notch ensures sufficient tissue for clinical diagnosis

- Each needle has an echogenic tip, promoting accurate placement under ultrasound guidance

- Numerically ordered centimeter markings facilitate depth placement

- Hubs are color coded for easy gauge size determination

- Can be used with echogenic co-axial introducer needles

UltraCore™ Biopsy Needles (Box of 10)
For use with the BARD® MAGNUM® Biopsy Instrument

CATALOG NO.	DESCRIPTION
762614100	14G x 10 cm, optional co-axial needle MCXS1410MX
762614130	14G x 13 cm
762614160	14G x 16 cm, optional co-axial needle MCXS1416MX
762614200	14G x 20 cm
762616100	16G x 10 cm, optional co-axial needle MCXS1610MX
762616160	16G x 16 cm, optional co-axial needle MCXS1616MX
762616200	16G x 20 cm
762618100	18G x 10 cm, optional co-axial needle MCXS1810MX
762618130	18G x 13 cm
762618160	18G x 16 cm, optional co-axial needle MCXS1816MX
762618200	18G x 20 cm, optional co-axial needle MCXS1820MX
762618250	18G x 25 cm
762618300	18G x 30 cm
762620100	20G x 10 cm, optional co-axial needle MCXS2010MY
762620130	20G x13 cm
762620160	20G x 16 cm, optional co-axial needle MCXS2016MY
762620200	20G x 20 cm

Optional Echogenic Co-axial Introducer Needles (sold separately) (Box of 10)

CATALOG NO.	DESCRIPTION
MCXS1410MX	13G x 4.3 cm, co-axial to 762614100
MCXS1416MX	13G x 10.3 cm, co-axial to 762614160
MCXS1610MX	15G x 4.3 cm, co-axial to 762616100
MCXS1616MX	15G x 10.3 cm, co-axial to 762616160
MCXS1810MX	17G x 4.3 cm, co-axial to 762618100
MCXS1816MX	17G x 10.3 cm, co-axial to 762618160
MCXS1820MX	17G x 14.3 cm, co-axial to 762618200
MCXS2010MY	19G x 4.6 cm, co-axial to 762620100
MCXS2016MY	19G x 10.6 cm, co-axial to 762620160

MaxiCELL™ Biopsy Needles

MaxiCELL™ Biopsy Needle harvests a greater quantity of cells for cytological evaluation than traditional FNA needles.

Key Product Attributes

- Harvests on both forward and backward thrusts of the needle, achieving a greater quantity of harvested cells

- A 30 degree matched ground needle tip helps collect a cluster of intact cells

- Each needle has a unique, adjustable needle stop that allows you to restrict forward movement, effectively localizing the needle tip to the biopsy site

- Each needle has numerically ordered centimeter markings on the outer cannula to provide reference for depth placement

- Available with an echogenic tip on the outer cannula to promote accurate placement under ultrasound guidance

- Packed with or without a co-axial introducer needle

MaxiCELL™ Biopsy Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
MMC2202	22G x 5 cm
MMC2203	22G x 9 cm
MMC2206	22G x 15 cm
MMC2202US	22G x 5 cm with echogenic tip
MMC2203US	22G x 9 cm with echogenic tip
MMC2206US	22G x 15 cm with echogenic tip
MMCI2203US	22G x 9 cm, includes 19G x 5 cm co-axial introducer with echogenic tip
MMCI2206US	22G x 15 cm, includes 19G x 11.4 cm co-axial introducer with echogenic tip

Fine Needle Aspiration (FNA) Biopsy Needles

Our traditional FNA biopsy needles harvest aspirate for cytological evaluations or specimens for histological evaluations.

Key Product Attributes

- Each needle has numerically ordered centimeter markings on the outer cannula to provide reference for depth placement

- Needles feature an adjustable needle stop which allows the user to restrict forward movement, localizing the needle tip to the biopsy site

- Color coded stylet hubs indicate gauge size of needles

- Available in a variety of gauge sizes and centimeter lengths

- Available with an echogenic tip on the outer cannula to promote accurate placement under ultrasound guidance

Chiba Biopsy Needles (Box of 10)

CATALOG NO.	DESCRIPTION
MCN1803	18G x 9cm
MCN1803US	18G x 9cm with echogenic tip
MCN1806	18G x 15cm
MCN1806US	18G x 15cm with echogenic tip
MCN1808	18G x 20cm
MCN1808US	18G x 20cm with echogenic tip
MCN2003	20G x 9cm
MCN2003US	20G x 9cm with echogenic tip
MCN2006	20G x 15cm
MCN2006US	20G x 15cm with echogenic tip
MCN2008	20G x 20cm
MCN2008US	20G x 20cm with echogenic tip
MCN2203	22G x 9cm
MCN2203US	22G x 9cm with echogenic tip
MCN2206	22G x 15cm
MCN2206US	22G x 15cm with echogenic tip
MCN2208	22G x 20cm
MCN2208US	22G x 20cm with echogenic tip

Franseen Biopsy Needles (Box of 10)

CATALOG NO.	DESCRIPTION
MFN1803	18G x 9cm
MFN1803US	18G x 9cm with echogenic tip
MFN1806	18G x 15cm
MFN1806US	18G x 15cm with echogenic tip
MFN1808	18G x 20cm
MFN1808US	18G x 20cm with echogenic tip
MFN2003	20G x 9cm
MFN2003US	20G x 9cm with echogenic tip
MFN2006	20G x 15cm
MFN2006US	20G x 15cm with echogenic tip
MFN2008	20G x 20cm
MFN2008US	20G x 20cm with echogenic tip
MFN2203	22G x 9cm
MFN2203US	22G x 9cm with echogenic tip
MFN2206	22G x 15cm
MFN2206US	22G x 15cm with echogenic tip
MFN2208	22G x 20cm
MFN2208US	22G x 20cm with echogenic tip

Spinal Biopsy Needles (Box of 10)

CATALOG NO.	DESCRIPTION
MSPN1803	18G x 9cm
MSPN1806	18G x 15cm
MSPN2003	20G x 9cm
MSPN2003US	20G x 9cm with echogenic tip
MSPN2006	20G x 15cm
MSPN2006US	20G x 15cm with echogenic tip
MSPN2203	22G x 9cm
MSPN2203US	22G x 9cm with echogenic tip
MSPN2206	22G x 15cm
MSPN2206US	22G x 15cm with echogenic tip
MSPN2208	22G x 20cm
MSPN2502	25G x 4cm
SPN2302	23G x 5cm
SPN2303	23G x 9cm
SPN2502	25G x 5cm
SPN2503	25G x 9cm

Westcott Biopsy Needles (Box of 10)

CATALOG NO.	DESCRIPTION
MWN2003	20G x 9cm
MWN2003US	20G x 9cm with echogenic tip
MWN2006	20G x 15cm
MWN2006US	20G x 15cm with echogenic tip
MWN2008	20G x 20cm
MWN2008US	20G x 20cm with echogenic tip
MWN2203	22G x 9cm
MWN2203US	22G x 9cm with echogenic tip
MWN2206	22G x 15cm
MWN2206US	22G x 15cm with echogenic tip
MWN2208	22G x 20cm
MWN2208US	22G x 20cm with echogenic tip

Fine Needle Aspiration (FNA) Biopsy Needles (cont.)

Trocar Biopsy Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
MTN1806	18G x 15cm
MTN1808	18G x 20cm

Greene Biopsy Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
MGN2206X	22G x 15cm includes 19G x 10cm introducer with echogenic tip

10cc Locking Syringe (Box of 10)	
CATALOG NO.	DESCRIPTION
MLS1001	10cc

Fine Needle Aspiration Trays

Trays include	16G x 10cm Techna-Cut™ Biopsy Needle (Box of 10) ASK1016A	18G x 10cm Techna-Cut™ Biopsy Needle (Box of 10) ASK1017A	16G x 7cm Techna-Cut™ Biopsy Needle (Box of 10) ASK7016A	18G x 7cm Techna-Cut™ Biopsy Needle (Box of 10) ASK7017A
25G x 5/8" (1.6cm) Needle	1	1	1	1
21G x 1 1/2" (3.8cm) Needle	1	1	1	1
20G x 1 1/2" (3.8cm) Needle	1	1	1	1
5mL Luer-lock Syringe	1	1	1	1
Thumb Scalpel	1	1	1	1
Amber Specimen Vials	1	1	1	1
3"x 3"Gauze Pads	3	3	3	3
10% Iodophor PVP Swab Stick	3	3	3	3
1% Lidocaine HCL Ampule (5mL)	1	1	1	1
10mL Sodium Chloride	1	1	1	1
Label Sheet	1	1	1	1
Fenestrated Drape	1	1	1	1
Towel	1	1	1	1
Bandage	1	1	1	1
Hospital Wrap	1	1	1	1

Techna-Cut™ Biopsy Needles

The Techna-Cut™ Biopsy Needle is designed to perform simple, reliable biopsies of soft tissue. The trocar stylet allows for easy direct puncture while minimizing tissue damage.

Key Product Attributes

- A precise cutting edge on the outer cannula contributes to a complete, intact core specimen

- Numerically ordered centimeter markings on the outer cannula provide reference for depth placement

- A unique stylet design, combined with a 10cc Luer locking syringe provides vacuum for specimen retention in the outer cannula

Techna-Cut™ Biopsy Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
TCBN1607X	16G x 7cm
TCBN1610X	16G x 10cm
TCBN1615X	16G x 15cm
TCBN1807X	18G x 7cm
TCBN1810X	18G x 10cm
TCBN1812X	18G x 12cm
TCBN1815X	18G x 15cm
TCBN1907X	19G x 7cm
TCBN1910X	19G x 10cm
TCBN1915X	19G x 15cm
TCBN2107X	21G x 7cm
TCBN2110X	21G x 10cm
TCBN2115X	21G x 15cm
TCBN2306X	23G x 6cm

Soft Tissue Biopsy

Standard Soft-Tissue Biopsy Trays

Trays include	General Biopsy Tray (Box of 5)	Basic Soft Tissue Biopsy Tray (Box of 10)	Standard Soft Tissue Biopsy Tray (Box of 10)	CT Soft Tissue Biopsy Tray (Box of 10)
	GUTS1000	A4380	A4382A	A32-4162
25G x 1 1/2" (3.8cm) Needle		1		
25G x 5/8" (1.6cm) Needle	1	1	1	1
22G x 1 1/2" (3.8cm) Needle		1	1	1
21G x 1 1/2" (3.8cm) Needle	1			
20G x 1 1/2" (3.8cm) Needle		1	1	
19G x 1 1/2" (3.8cm) Filter Needle	1	1	1	
18G x 1 1/2" (3.8cm) Needle				1
Foam Needle Holder		1	1	
20mL Luer-lock Syringe	1	1		1
10mL Luer-lock Syringe	1		2	2
5mL Luer-lock Syringe	1	1		
3mL Luer-lock Syringe		1		
Thumb Scalpel	1		1	1
#11 Safety Scalpel		1		
6" Ruler (15.2cm)	1	1	1	1
Pre-labeled Clear Specimen Vials	2	2	1	
Slides		10	10	
3"x 3" Gauze Pads	5	5	10	5
10% Iodophor PVP Swab Stick	3		3	3
Swab Sticks		2		
Alcohol Prep Pad		1	1	1
1% Lidocaine HCL Ampule (5mL)	1	1	2	1
Label Sheet	1	1	1	
Fine-tip Marker		1		
Fenestrated Drape	1	1	1	1
Towel	2	2	2	1
Bandage	1	1	1	1
Hospital Wrap	1	1	1	1

Safety Soft-Tissue Biopsy Trays

Trays include	CT Soft Tissue Biopsy Tray with Safety Devices (Box of 10)	Soft Tissue Biopsy Tray with Safety Devices (Box of 10)	Soft Tissue Biopsy Tray with Safety Devices (Box of 10)	Soft Tissue Biopsy Tray with Sharp Protection Needles & Devices (Box of 10)	Soft Tissue Biopsy Tray with Safety Needles & Devices (Box of 10)
	A22-0035	A32-ST1SF	A4382ASP	A4382SA	A4382SP
25G x 1 1/2" (3.8cm) Safety Needle				1	
25G x 1 1/2" (3.8cm) Needle			1		
25G x 1" (2.5cm) Safety Needle	1				1
25G x 5/8" (1.6cm) Safety Glide Needle		1			
25G x 5/8" (1.6cm) Safety Needle				1	
25G x 5/8" (1.6cm) Needle			1		
22G x 1 1/2" (3.8cm) Safety Glide Needle		1			1
22G x 1 1/2" (3.8cm) Safety Needle	1			1	
22G x 1 1/2" (3.8cm) Needle			1		
20G x 1 1/2" (3.8cm) Safety Needle				1	
20G x 1 1/2" (3.8cm) Needle			1		
19G x 1 1/2" (3.8cm) Filter Needle				1	
18G x 1 1/2" (3.8cm) Safety Needle	1				
18G x 1 1/2" (3.8cm) Blunt Needle		1			
Point-Lok Needle Retention Device			1	1	
Needle Vise			1		
Foam Needle Holder		1	1	1	1
Filter Straw		1	1		1
20mL Luer-lock Syringe	1	1			1
10mL Luer-lock Syringe	2		2	2	1
5mL Luer-lock Syringe		1			
3mL Luer-lock Syringe		1			
#11 Safety Scalpel	1	1	1	1	1
6" Ruler (15.2cm)	1	1	1	1	1
Luer Cap		1			
Pre-labeled Clear Specimen Vials		2	1	1	1
Slides			10	10	10
3" x 3" Gauze Pads	5	10	10	10	10
10% Iodophor PVP Swab Stick	3			3	
ChloraPrep Applicator 3mL with Orange Tint		1	1		1
Alcohol Prep Pad	1		1		1
1% Lidocaine HCL Ampule (5mL)	1	1	2	2	2
Label Sheet		1	1	1	1
Time Out Label			1		
Fine-tip Marker		1	1		1
Ear-loop Mask			1		
Fenestrated Drape	1	1	1	1	1
Towel	1	1	2	2	1
Bandage	1	1	1	1	1
Hospital Wrap	1	1	1	1	1

Drug Free Soft-Tissue Biopsy Trays with Safety Devices

Trays include	CT Soft Tissue Biopsy Tray, Drug Free with Safety Devices (Box of 10) A22-0035DF	Soft Tissue Biopsy Tray, Drug Free with Safety Devices (Box of 10) A32-ST1SFDF
25G x 1" (2.5cm) Safety Needle	1	
25G x 5/8" (1.6cm) Safety Glide Needle		1
22G x 1 1/2" (3.8cm) Safety Glide Needle		1
22G x 1 1/2" (3.8cm) Safety Needle	1	
18G x 1 1/2" (3.8cm) Safety Needle	1	
18G x 1 1/2" (3.8cm) Blunt Needle		1
Foam Needle Holder		1
Filter Straw		1
20mL Luer-lock Syringe	1	1
10mL Luer-lock Syringe	2	
5mL Luer-lock Syringe		1
3mL Luer-lock Syringe		1
#11 Safety Scalpel	1	1
6" Ruler (15.2cm)	1	1
Luer Cap		1
Pre-labeled Clear Specimen Vials		2
3" x 3" Gauze Pads	5	10
10% Iodophor PVP Swab Stick	3	
ChloraPrep Applicator 3mL with Orange Tint		1
Alcohol Prep Pad	1	
Label Sheet		1
Fine-tip Marker		1
Fenestrated Drape		1
Towel		1
Bandage		1
Hospital Wrap		1

[45]

Mammography

- V-Mark™ Breast Biopsy Site Markers
- Repositionable Breast Localization Needles (BLN)
- Non-Repositionable Breast Localization Needles (BLN)
- Needle Guides
- Galactography Kits

ARGON
MEDICAL DEVICES

V•Mark™ Breast Biopsy Site Marker

V•Mark™ Breast Biopsy Site Marker combines a bio-absorbable plug and a permanent anchor to mark a breast biopsy site allowing for future identification of the biopsied area. The highly visible plug portion is absorbed into the breast tissue, while the anchor remains in place allowing for long-term stability and permanent visualization.

Key Product Attributes

- V•Mark™ Breast Biopsy Site Marker's dual-anchoring capability minimizes risks of malposition or migration

- The embedded titanium hook is designed to allow tissue to grow in and around it, providing permanent marking of the biopsy site

- The bio-absorbable plug fills the biopsy cavity providing visibility for a predictable period of time

- V•Mark™ Breast Biopsy Site Marker can be visualized under mammography, ultrasound and MRI

- Available in two delivery systems

V•Mark™ Breast Biopsy Site Marker for use with Mammotome® Vacuum Assisted Biopsy System (Box of 10)	
CATALOG NO.	DESCRIPTION
766411150T	Compatible with Mammotome® 11G Probe

V•Mark™ Breast Biopsy Site Marker (Sharp) for use with 14G systems or ultrasound guidance (Box of 10)	
CATALOG NO.	DESCRIPTION
766914100SST	15G x 10.8cm, compatible with 14G systems
766914180SST	15G x 18.8cm, compatible with 14G systems

Repositionable Breast Localization Needles (BLN)

Homer BLN

The Homer BLN is a strong, flexible J-curve wire that may be retracted and repositioned as often as necessary to achieve accurate placement.

Key Product Attributes

- Nitinol J-curve wire and stabilizer design locks the needle and wire in place, anchoring the system to prevent wire migration while protecting against unguarded needle penetration during breast compression and patient transport

- System provides a palpable guide to the surgeon, offering a choice of paths to the lesion

- Centimeter markings provide a reference for depth placement

Homer Breast Localization Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
231030G	20G x 3cm
231050G	20G x 5cm
231075G	20G x 7.5cm
231100G	20G x 10cm
231125G	20G x 12.5cm

Hawkins™ I BLN

Hawkins™ I BLN is repositionable to achieve accurate placement. A patented side barb locks the needle in place and can be retracted for easy repositioning.

Key Product Attributes

- A lock-down disk at skin level stabilizes the needle during patient transport and is removable for maximum surgical access

- The fixed needle design reduces risk of transection

- Centimeter markings provide reference for depth placement

- Hubless needle fits through all standard grids

Hawkins™ I Breast Localization Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
251050	20G x 5cm
251075	20G x 7.5cm
251100	20G x 10cm
251125	20G x 12.5cm

Repositionable Breast Localization Needles (BLN) (cont.)

Hawkins™ II BLN

Hawkins™ II BLN is repositionable to achieve accurate placement.

Key Product Attributes

- Available in two wire choices: FlexStrand™, a 19-strand cable for maximum flexibility with minimal risk of transection, or a traditional hardwire, which minimizes flex during placement

- Both wires offer a side barb for temporary fixation during a confirming mammogram. The needle is easily re-positioned, if necessary

- Easy-to-read centimeter markings facilitate depth placement

- Throated needle hub for easy wire loading

- Skin retention clip prevents forward migration of wire during patient transport

- Wire is marked in three places: I indicates wire at distal tip of needle; II indicates side barb deployment; and III indicates distal barb deployment

- Standard marking cannula on wire, beginning 2.5cm from distal tip, serves as a landmark for the surgeon

Hawkins™ II Breast Localization Needles w/FlexStrand™ (Box of 10)	
CATALOG NO.	DESCRIPTION
252050	20G x 5cm
252075	20G x 7.5cm
252100	20G x 10cm
252125	20G x 12.5cm

Hawkins™ II Breast Localization Needles w/Hardwire (Box of 10)	
CATALOG NO.	DESCRIPTION
242050	20G x 5cm
242075	20G x 7.5cm
242100	20G x 10cm
242125	20G x 12.5cm

Non-Repositionable Breast Localization Needles (BLN)

Hawkins™ III BLN

The Hawkins™ III BLN offers a barb retention design to provide strong anchoring strength in the breast.

Key Product Attributes

- Available in two wire choices: FlexStrand™, a 19-strand cable providing maximum flexibility with minimal risk of transection, or a traditional hardwire that minimizes flex during placement

- Skin retention clip prevents forward migration of wire during patient transport

- Wire is marked in two places: I indicates wire at distal tip of needle; II indicates barb deployment

- Standard marking cannula on wire, beginning 2.5 cm from distal tip, serves as a landmark for the surgeon

- End hole design allows for dye injection or fluid aspiration

- Centimeter markings provide reference for depth placement

- Available with echogenic tip

Hawkins™ III Breast Localization Needles w/Echogenic Tip and Hardwire (Box of 10)	
CATALOG NO.	DESCRIPTION
244030	20G x 3 cm, hardwire with echogenic tip
244050	20G x 5 cm, hardwire with echogenic tip
244075	20G x 7.5 cm, hardwire with echogenic tip
244100	20G x 10 cm, hardwire with echogenic tip
244125	20G x 12.5 cm, hardwire with echogenic tip

Hawkins™ III Breast Localization Needles w/FlexStrand™ (Box of 10)	
CATALOG NO.	DESCRIPTION
253030	20G x 3 cm
253050	20G x 5 cm
253075	20G x 7.5 cm
253100	20G x 10 cm
253125	20G x 12.5 cm

Hawkins™ III Breast Localization Needles w/Hardwire (Box of 10)	
CATALOG NO.	DESCRIPTION
243030	20G x 3 cm
243050	20G x 5 cm
243075	20G x 7.5 cm
243100	20G x 10 cm
243125	20G x 12.5 cm
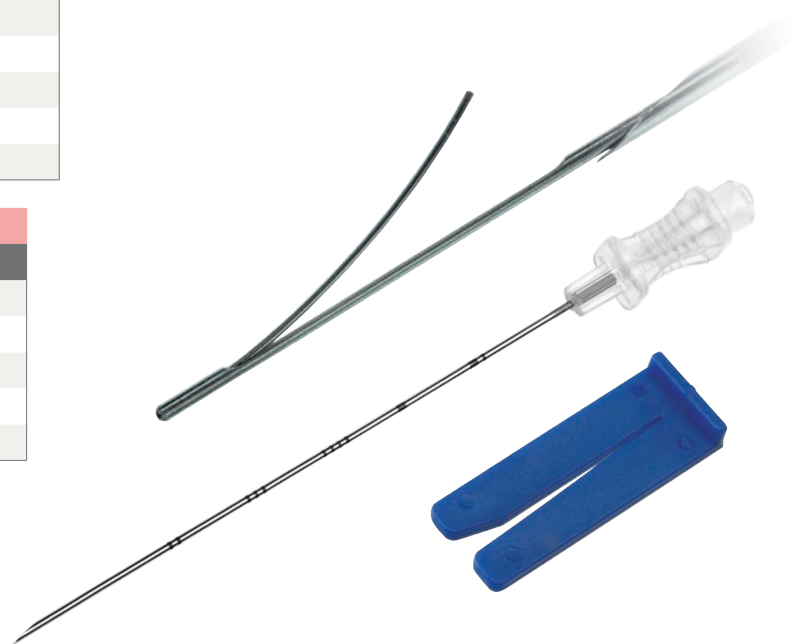
Non-Repositionable Breast Localization Needles (BLN)

Accura™ BLN

Accura™ Breast Localization Needle (Kopans style) is a traditional, springhook hardwire with stiffener design.

Key Product Attributes

- Skin retention clip prevents forward migration of wire during patient transport

- Wire is marked in two places: I indicates wire at distal tip of needle; II indicates barb deployment

- End hole design allows for dye injection or aspiration of fluid

Accura™ Breast Localization Needles (Kopans style) (Box of 10)	
CATALOG NO.	DESCRIPTION
BLN2003	20G x 3 cm
BLN2005	20G x 5 cm
BLN20075	20G x 7.5 cm
BLN2010	20G x 10 cm
BLN2015	20G x 15 cm
BLN2103	21G x 3 cm
BLN2105	20G x 5 cm
BLN21075	20G x 7.5 cm
BLN2110	20G x 10 cm
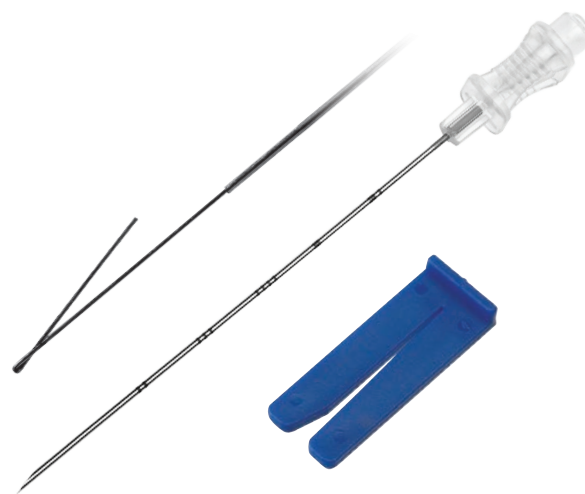
Accura™ II BLN

Accura™ II Breast Localization Needle (Sadowsky Style) comes with a sterile separately packaged 23G stiffening cannula. Easily placed over the wire by the surgeon, the cannula indicates the course of the wire, provides a palpable landmark, and prevents accidental wire transection.

Key Product Attributes

- Centimeter markings provide reference for depth placement

- Throated needle hub for easy wire loading

- Wire is marked in two places: I indicates wire at distal tip of needle; II indicates barb deployment

Accura™ II Breast Localization Needles (Sadowsky style) (Box of 10)	
CATALOG NO.	DESCRIPTION
266050	20G x 5 cm with 23G stiffening cannula
266075	20G x 7.5 cm with 23G stiffening cannula
266100	20G x 10 cm with 23G stiffening cannula
266125	20G x 12.5 cm with 23G stiffening cannula
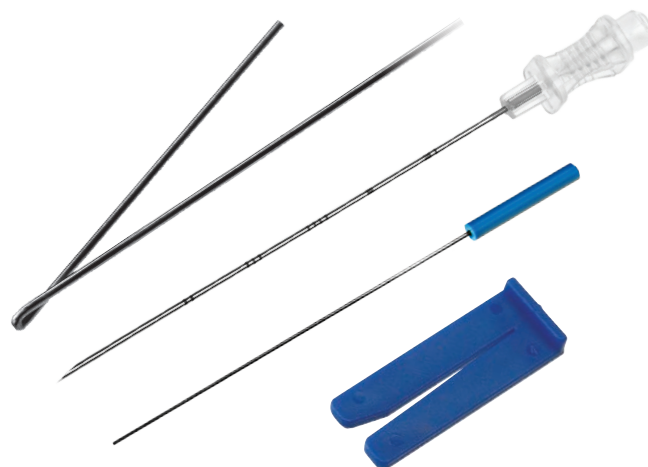
Non-Repositionable Breast Localization Needles (BLN)

D Wire BLN

The D Wire BLN provides an increased cross sectional area aimed at reducing the risk of surgical transection.

Key Product Attributes

- Hookwire tip is welded to increase anchoring strength
- Centimeter markings provide reference for depth placement
- Throated needle hub enables easy wire loading
- End hole needle allows for dye injection or aspiration of fluid

D Wire Breast Localization Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
BLND2003	20G x 3cm
BLND2005	20G x 5cm
BLND20075	20G x 7.5cm
BLND2010	20G x 10cm
BLND2015	20G x 15cm

Needle Guides

Needle guides are designed specifically for use in conjunction with the Lorad Stereo Loc™ II Prone Stereotactic System for core biopsy of the breast.

Key Product Attributes

- Guides are available for 14G through 22G needles
- Guides are available in both closed type and open type models
- All needle guides are packed two per package, with the exception of the 14G model, which has one guide per package

Needle Guides for Lorad Stereo Loc II (Box of 20)	
CATALOG NO.	DESCRIPTION
LNGC14GX	Closed type, fits 14G
LNGC1619PX	Closed type, fits 16G to 19G
LNGC2022YX	Closed type, fits 20G to 22G
LNGO1619PX	Open type, fits 16G to 19G
LNGO2022YX	Open type, fits 20G to 22G

Galactography Kits

Galactography kits are designed to perform safe and effective contrast media enhanced radiography of the mammary ducts.

Key Product Attributes

- Dilators and injection cannula have blunt ends to minimize puncture of the duct walls

- Dilators are color coded for easy diameter identification

- Injection cannula is available with a curved tip to facilitate insertion

Galactography Kits (Box of 10)	
CATALOG NO.	DESCRIPTION
DGK002SX	30G with straight cannula
DGK002X	30G with curved cannula
RTD001X	24G with curved cannula

RTD001X

DGK002X
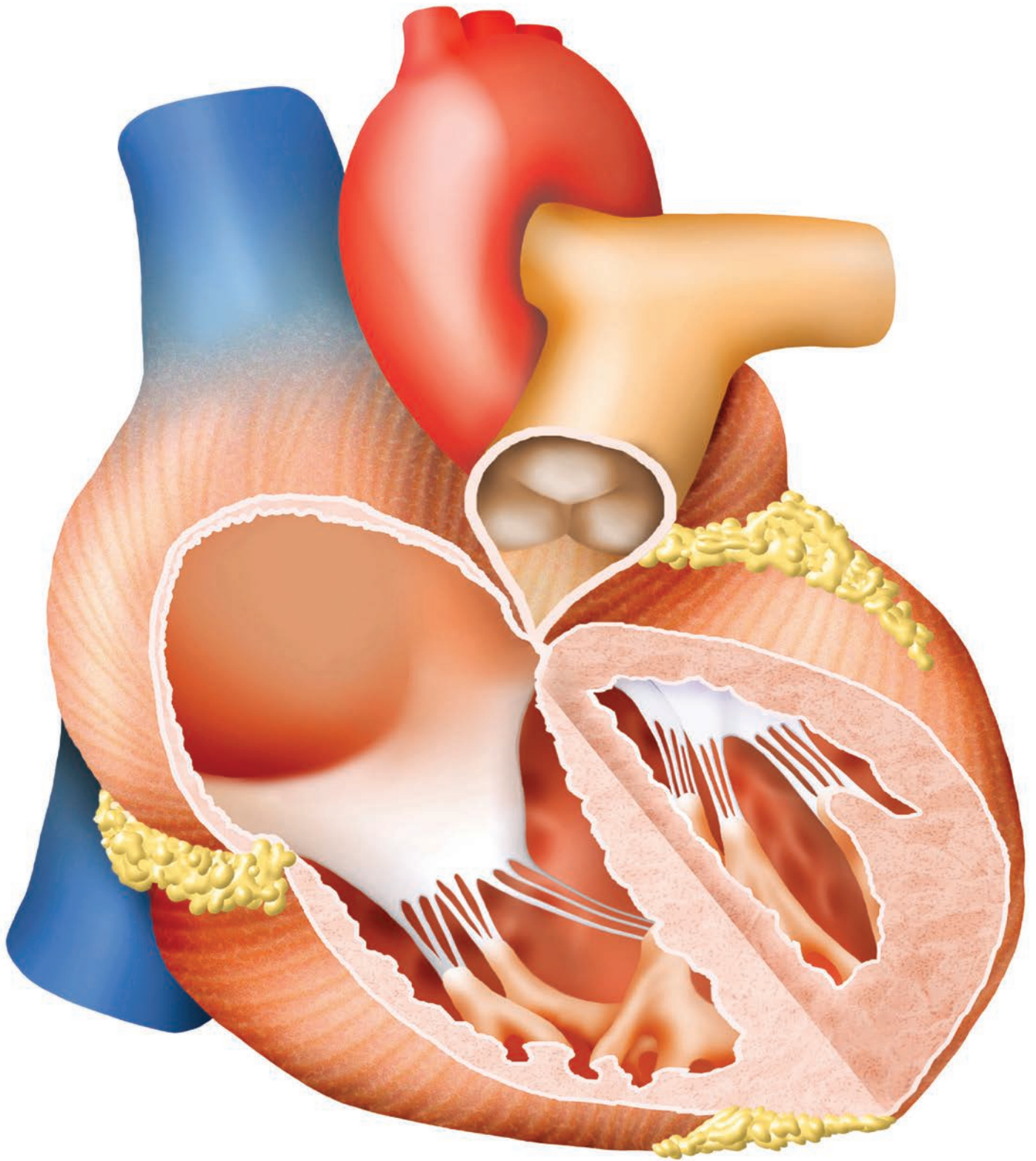
Endomyocardial Biopsy

- Jawz™ Endomyocardial Biopsy (EMB) Forceps
- Endomyocardial Biopsy Accessories

ARGON
MEDICAL DEVICES

Endomyocardial Biopsy

Jawz™ Endomoyocardial Biopsy (EMB) Forceps

Straight   Pre-Curved   Maxi-Curve

Jawz 2.4mm Forceps

CATALOG NO.	SIZE	LENGTH	CONFIGURATION	STAINLESS STEEL/ FEP COATING	FORMABLE/ NON-FORMABLE	UNITS
190020	7.5F	50cm	Straight	SS	Formable	1
190030	7.5F	50cm	Pre-Curved	FEP	Formable	1
190031	7.5F	50cm	Maxi-Curved	FEP	Formable	1
190040	7.5F	105cm	Straight	SS	Formable	1

Jawz 2.2mm Forceps

CATALOG NO.	SIZE	LENGTH	CONFIGURATION	STAINLESS STEEL/ FEP COATING	FORMABLE/ NON-FORMABLE	UNITS
190080	7F	50cm	Pre-Curved	FEP	Formable	1
190081	7F	50cm	Maxi-Curved	FEP	Formable	1
190085	7F	105cm	Straight	SS	Formable	1
190086	7F	105cm	Straight	FEP	Formable	1

Jawz 1.8mm Forceps (Non-Formable)

CATALOG NO.	SIZE	LENGTH	CONFIGURATION	STAINLESS STEEL/ FEP COATING	FORMABLE/ NON-FORMABLE	UNITS
190065	6F	50cm	Straight	SS	Non-Formable	1
190075	6F	105cm	Straight	SS	Non-Formable	1
190060	6F	50cm	Straight	SS	Formable	1
190051	6F	50cm	Maxi-Curved	FEP	Formable	1
190066	6F	70cm	Straight	FEP	Formable	1
190070	6F	105cm	Straight	SS	Formable	1

Jawz 1.5mm Forceps

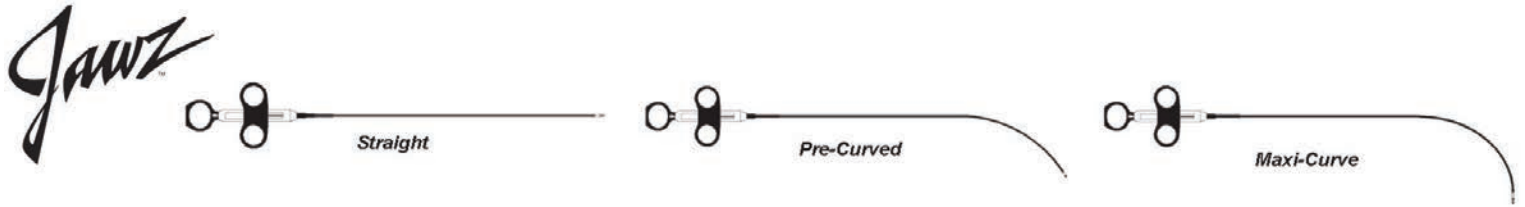| CATALOG NO.	SIZE	LENGTH	CONFIGURATION	STAINLESS STEEL/ FEP COATING	FORMABLE/ NON-FORMABLE	UNITS
190090	5F	50cm	Straight	SS	Formable	1
190095	5F	105cm	Straight	SS	Formable	1

Endomyocardial Biopsy Accessories

Axcess Introducers with Double-ended Wire

CATALOG NO.	SIZE	LENGTH	GUIDEWIRE SIZE	HUB COLOR	UNITS
496005	5F	11cm	.038" / 45cm	GRAY	10
496006	6F	11cm	.038" / 45cm	GREEN	10
496007	7F	11cm	.038" / 45cm	ORANGE	10
496008	8F	11cm	.038" / 45cm	BLUE	10

OneStic Introducers with Stainless Steel Mandrel Wire and 21G Needles

CATALOG NO.	SIZE	LENGTH	GUIDEWIRE SIZE	HUB COLOR	UNITS
497830	5F	11cm	.018" / 45cm	GRAY	10
497840	6F	11cm	.018" / 45cm	GREEN	10
497861	7F	11cm	.018" / 45cm	ORANGE	10
497862	8F	11cm	.018" / 45cm	BLUE	10

Endomyocardial Biopsy Accessories (cont.)

OneStic Introducers with Nitinol Mandrel Wire and 21G Needles

CATALOG NO.	SIZE	LENGTH	GUIDEWIRE SIZE	HUB COLOR	UNITS
497831	5F	11cm	.018" / 45cm	GRAY	10
497841	6F	11cm	.018" / 45cm	GREEN	10

Introducer with Multi-Purpose Curve Tip

CATALOG NO.	SIZE	LENGTH	HUB COLOR	UNITS
191545	5F	45cm	GRAY	10
191598	5F	98cm	GRAY	10
191645	6F	45cm	GREEN	10
191698	6F	98cm	GREEN	10
191745	7F	45cm	ORANGE	10
191798	7F	98cm	ORANGE	10
191845	8F	45cm	BLUE	10
191898	8F	98cm	BLUE	10

Heart Biopsy Drape With Facial Port

CATALOG NO.	MATERIAL	LENGTH	ABSORBENT PAD	FENESTRATION	UNITS
396303	SMS	77" x 100" (195cm x 254cm)	32" x 34" (81cm x 86cm)	3.5" (9cm)	20

Temporary Pacing Electrode Trays

Balloon Flow Assisted Bipolar Electrode Tray

CATALOG NO.	SIZE	LENGTH	SPECIAL FEATRUE	UNITS
008566A	5 F	110 cm		5
008560	5 F	110 cm	Without Lidocaine	5

Special Care Bipolar Electrode Tray

CATALOG NO.	SIZE	LENGTH	UNITS
008416A	5 F	115 cm	5

Tray Contents:

- 1- #11 Mini Scalpel
- 1- 6F Vessel Dilator
- 1- Fenestrated Drape
- 5- 4" x 4" Gauze Sponges
- 1- 25g x 5/8" (1.6cm) Needle
- 1- 21g x 1.5" (3.8cm) Needle
- 2- 10cc Syringe L/L
- 1- 5cc Syringe L/L
- 1- TPE Catheter Kit
- 1– 000 Silk Suture

- 2- Disposable Towels
- 1- Guide Wire (0.035" x 45cm FC/SS/3mmJ & Straight)
- 1- 18g x 2.75" (7cm) Arterial Needle, Clear Hub
- 1- Povidone/Iodine Prep Swab
- 1- 6F Tuohy Borst Introducer
- 1- Povidone/Iodine Ointment
- 1- 5cc Ampule Lidocaine HCL 1%
- 1- Septishield Catheter Sleeve
- 1- 18g x 2.5" (6.4cm) Radiopaque O-T-N Catheter)
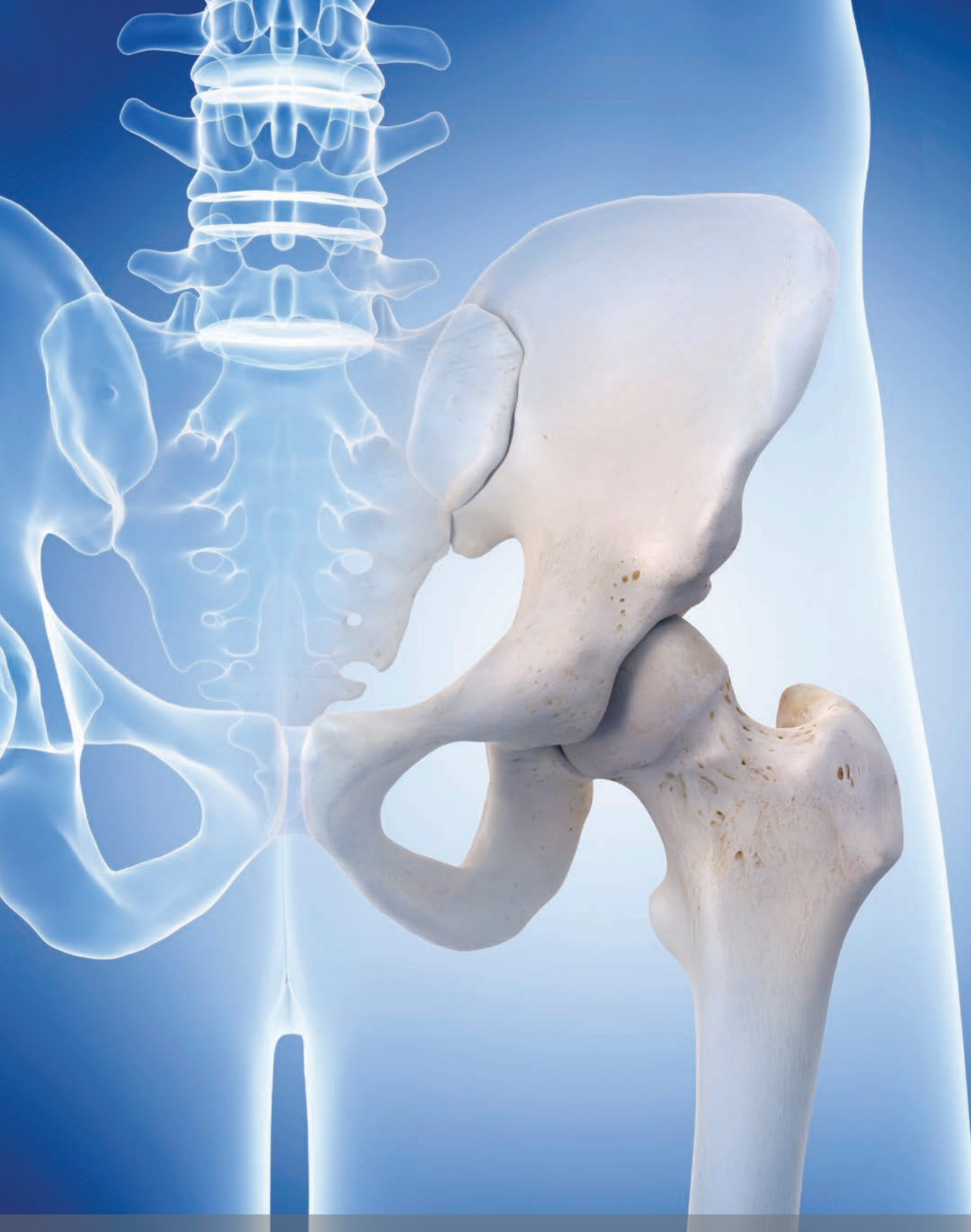
Bone & Bone Marrow Biopsy

- **T-Lok™ Bone Marrow Biopsy Needles**
- **Bone Marrow Aspiration Needles**
- **Bone Marrow Harvest Needles**
- **Pediatric Bone Marrow Access Needles**

- **Bone Marrow Biopsy Trays**
- **Bone Marrow Biopsy Trays with Chlorhexidine**
- **Osty-Core™ Bone Biopsy Needles**

ARGON
MEDICAL DEVICES

T-Lok™ Bone Marrow Biopsy Needles

T-Lok™ Bone Marrow Biopsy Needles are designed to provide quality biopsies by entrapping bone marrow in the needle without altering the sample.

Key Product Attributes

- Unique cannula design provides outstanding quality specimens

- Ergonomically designed twist-lock handle provides greater clinician comfort

- Double-diamond stylet point easily penetrates hard bone

- Innovative design provides an exceptional ability to capture and retain bone marrow specimens

- Eliminates painful deflection technique to harvest a diagnostic quality specimen

T-Lok™ Bone Marrow Biopsy Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
DBMNJ0804TL	8G x 4" with extraction cannula
DBMNJ0806TL	8G x 6" with extraction cannula
DBMNJ1104TL	11G x 4" with extraction cannula
DBMNJ1106TL	11G x 6" with extraction cannula
DBMNJ13025	13G x 2.5" - no extraction cannula
DBMNJ1304	13G x 4" - no extraction cannula

Bone Marrow Aspiration Needles

Safe aspirations at the sternum can be performed by adjusting the needle stop to control the depth of penetration. The needle stop can be removed if aspirating at the iliac crest.

Key Product Attributes

- Luer lock connector on the handle for secure syringe attachment

- An adjustable, removable needle stop safely controls depth of penetration

Bone Marrow Aspiration Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
DBMNI1501	15G x 2.688" max.
DBMNI1504	15G x 4" max.
DBMNI1601	16G x 2.688" max.

Bone Marrow Harvest Needles

The Bone Marrow Harvest Needles are designed for allogenic and autologous bone marrow harvest-transplantation procedures.

Key Product Attributes

- Available with a standard bevel tip or a double-diamond tip and side holes to allow for efficient aspiration

- Ergonomically designed twist-lock handle provides greater clinician comfort

- Luer lock connector on the handle allows for secure syringe attachment

Bone Marrow Harvest Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
BMHN1104VX	11G x 4", double diamond tip and side holes
BMHN1104X	11G x 4", bevel tip
BMHN1302X	13G x 2", bevel tip
BMHN1303X	13G x 3", bevel tip
BMHN1304VX	13G x 4", double diamond tip and side holes
BMHN1304X	13G x 4", bevel tip
BMHN1502X	15G x 2", bevel tip

Pediatric Bone Marrow Access Needles

The Pediatric Bone Marrow Access Needle is ideal for intraosseous therapy. In addition to the easy and efficient aspiration of marrow in pediatric patients, the needle can be used to access medullary cavities when initiating resuscitative infusion.

Key Product Attributes

- Each needle is 18G regular wall (thicker wall) to provide extra support during insertion

- Each stylet has a trocar point for easy insertion

- A Luer lock connection is provided for secure syringe attachment

Bone Marrow Aspiration Needles (Box of 10)	
CATALOG NO.	DESCRIPTION
ION18015	18G x 3.58cm

Bone Marrow Biopsy Trays

T-Lok™ Bone Marrow Biopsy Standard Trays (Box of 5)

CATALOG NO.	DESCRIPTION
BMT0804TL	Includes 8G x 4" T-Lok Needle and 16G x 2.688" aspiration needle
BMT0804ATL	Includes 8G x 4" T-Lok Needle
BMT1104TL	Includes 11G x 4" T-Lok Needle and 16G x 2.688" aspiration needle
BMT1104ATL	Includes 11G x 4" T-Lok Needle
BMT1104BTL	Includes 11G x 4" T-Lok Needle and 15G x 2.688" aspiration needle
BMT1104CATL	Includes 11G x 4" T-Lok Needle
BMT1501	Includes 15G x 2.688" aspiration needle
BMT1601	Includes 16G x 2.688" aspiration needle
ABCT3513	Includes 13G x 4" T-Lok Needle, no extraction cannula
BMT1000	Prep tray only. No bone marrow needles

T-Lok™ Bone Marrow Biopsy Standard Trays w/Safety Needles (Box of 5)

CATALOG NO.	DESCRIPTION
BMT1104STL	Includes 11G x 4" T-Lok™ Needle
ABK1000SP	Prep tray only. No bone marrow needles
BMT1104SATL	Includes 11G x 4" T-Lok™ Needle
BMT1104SBTL	Includes 11G x 4" T-Lok™ Needle and 15G x 2.688" aspiration needle

T-Lok™ Bone Marrow Biopsy Economy Trays (Box of 5)

CATALOG NO.	DESCRIPTION
BMET0804TL	Includes 8G x 4" T-Lok™ Needle and 16G x 2.688" aspiration needle
BMET1104TL	Includes 11G x 4" T-Lok™ Needle and 16G x 2.688" aspiration needle
BMET1104ATL	Includes 11G x 4" T-Lok™ Needle
BMET1104CTL	Includes 11G x 4" T-Lok™ Needle and 16G x 2.688" aspiration needle

Included with the T-Lok™ Bone Marrow Biopsy Trays:

QTY	ITEM	STANDARD TRAYS	ECONOMY TRAYS	TRAY WITH SAFETY NEEDLES
1	20cc Luer Lock Syringe	✔	✔	✔
1	5cc Luer Lock Syringe	✔	✔	✔
1	19G x 1 1/2" Filter Needle	✔	✔	✔
1	21G x 1 1/2" Needle	✔	✔	✔
1	25G x 5/8" Needle	✔	✔	✔
1	5mL 1% Lidocaine	✔	✔	✔
1	#11 Mini Scalpel	✔	✔	✔
1	Towel	✔	✔	✔
1	Luer Cap	✔	✔	✔
5	3" x 3" Sponges	✔	✔	✔
1	2" x 3" ADH Dressing	✔	✔	✔
1	CSR Wrap	✔	✔	✔
1	Fenestrated Drape	✔	✔	✔
1	T-Lok™ Extraction Cannula	✔	✔	✔
1	Obturator	✔	✔	✔
1	Probe Guide	✔	✔	✔
3	10% Iodophor PVP Swab Sticks			Included in trays with catalog no. ending in 0, 1, TL, ATL, BTL, SP or STL
1	3mL Chloraprep Applicator			Included in trays with catalog no. ending in CTL, CATL, SATL or SBTL
1	6/7 Dram Amber Snap Cap Vial	✔		✔
1	Specimen Label	✔		✔
1	Stirring Rod	✔		✔
1	4mL Specimen Tube with EDTA	✔		✔
10	Micro Slides - Frosted End	✔		✔
3	Safety Needle Devices for Stylet			✔
3	Cannula, and 19G Filter Needle			✔

Drug Free Bone Marrow Biopsy Trays

T-Lok™ Drug Free Bone Marrow Biopsy Standard Trays

CATALOG NO.	DESCRIPTION
BMT1104BDF	Includes 11 G x 4" T-Lok™ Needle and 15 G x 2.688" aspiration needle
ABK100DF	Prep Tray only. No bone needle
ABAK4511DF	Includes 11 G x 4" T-Lok™ Needle and 16 G x 2.688" aspiration needle
ABCAT4511DF	Includes 11 G x 4" T-Lok™ Needle and 16 G x 2.688" aspiration needle

T-Lok™ Drug Free Bone Marrow Biopsy Standard Trays

QTY	ITEM	BMT1104BDF	ABK100DF	ABAK4511DF	ABCAT4511DF
1	25G x 1" (2.5 cm) Safety Needle		✔	✔	✔
1	25G x 5/8" (1.6 cm) Needle	✔			
1	22G x 1 1/2" (3.8 cm) Safety Glide Needle		✔	✔	✔
1	21G x 1 1/2" (3.8 cm) Needle	✔			
1	19G x 1 1/2" Filter Needle	✔			
1	20 mL Luer-slip Syringe		✔	✔	✔
1	20 mL Luer-Lock Syringe	✔			
1	10 mL Luer-slip Syringe		✔		
1	5 mL Luer-lock Syringe	✔	✔	✔	✔
1	Extraction Cannula	✔		✔	✔
1	Obturator	✔		✔	✔
1	Probe Guide	✔		✔	✔
1	#11 Mini Scalpel	✔			
1	#11 Safety Scalpel		✔	✔	✔
1	Stirring Rod	✔	✔	✔	✔
1	Luer Cap	✔		✔	✔
1	Amber Specimen Vials	✔	✔	✔	✔
1	Specimen Label	✔	✔	✔	✔
1	Specimen Tube with EDTA Potassium	✔	✔	✔	✔
10	Frosted Slides	✔	✔	✔	✔
1	3"x 3" Sponges in stacks of 5	✔	✔	✔	✔
1	10% Iodophor PVP Swab Stick	✔			
1	Label Sheet		✔	✔	✔
1	Fenestrated Drape	✔	✔	✔	✔
1	Towel	✔	✔	✔	✔
1	Bandage	✔	✔	✔	✔
1	Hospital Wrap	✔	✔	✔	✔

Osty-Core™ Bone Biopsy Needles

The unique tip geometry of the Osty-Core™ Bone Biopsy Needle is designed to provide exceptional needle entry and coring characteristics without distorting the biopsy specimen.

Key Product Attributes

- The ergonomic handle features a twist-lock design that stabilizes the needle during placement
- A Luer lock connector on the handle for secure syringe attachment
- An adjustable, removable needle stop safely controls depth of penetration
- Can be used with co-axial introducer needles

Osty-Core™ Bone Biopsy Needles (Box of 10)

CATALOG NO.	DESCRIPTION
OBN16075	16G x 7.5cm
OBN16125	16G x 12.5cm, optional co-axial needle MCXS1610AX
OBN16165	16G x 16.5cm, optional co-axial needle MCXS1616AX

Optional Co-axial Introducer Needles (Box of 10)

CATALOG NO.	DESCRIPTION
MCXS1610AX	15G x 4.6cm, co-axial to OBN16125
MCXS1616AX	15G x 10.6cm, co-axial to OBN16165

HSG & Prostate

- HSG Catheters
- Prostate Stabilization Needles
- Prostate Seeding Sets

ARGON
MEDICAL DEVICES

HSG Catheters

HSG catheters are designed for use in hysterosonography or hysterosalpingography procedures.

Key Product Attributes

- Non-latex, soft, concentric balloon provides secure placement in the uterus or cervical canal and effectively seals to prevent retrograde leakage of saline or contrast media

- Open-ended, round distal tip is soft and short to minimize trauma to the cervical canal and uterine cavity

- The distal end-hole design allows for even distribution of saline or contrast media and accepts a .035" or .038" guidewire depending upon French size

- The malleable introduction sheath retains curvature to facilitate easy placement into the cervical canal

- Color-coded stopcocks on both catheter lumens: the blue stopcock is for balloon inflation, while the white stopcock is for saline/contrast media infusion

- Fixed volume syringe prevents over-inflation of the balloon

HSG Catheters (Box of 10)

CATALOG NO.	DESCRIPTION
660005040	5.5F x 40cm, accepts .035" guidewire
660007040	7F x 40cm, accepts .038" guidewire

HSG Procedure Trays (Box of 5)

CATALOG NO.	DESCRIPTION
660005000	5.5F x 40cm
660007000	7F x 40cm

Trays Include

(1) HSG Catheter, 5F or 7F
(1) 18" x 26" Fenestrated Drape
(1) Welch Allyn® Speculum (compatible with light source #78810)
(1) Intrauterine Sound
(2) 3" x 3" Gauze Sponges
(2) 8" Cotton Swabsticks
(2) Wide Sponge Swabsticks
(1) Inner Tray (may be used for Povidone Iodine Solution)
(1) Povidone Iodine Ointment Packet – 1 gram
(1) Lubricating Jelly Packet – 5 grams
(2) Povidone Iodine Solution Packets – 1oz
(1) Extension Tube Set – 30"
(1) 20cc Luer Lock Syringe
(1) Fixed Volume Syringe
(1) 18G x 1– 1/2" Needle
(1) Sanitary Napkin
(1) 30" x 30" CSR Wrap

Prostate Stabilization Needles

Prostate Stabilization Needles are designed to prevent movement of the prostate gland while either applicator-compatible or pre-loaded seeding needles are being inserted.

Key Product Attributes

- Two-part hub design separates, locking the side barb in position
- The narrow side of the white, tear drop shaped hub indicates the deployment position of the side barb and the orientation of the needle point
- Each needle has an echogenic tip, promoting accurate placement under ultrasound

Prostate Stabilization Needles (Box of 10, sets of 2 needles)	
CATALOG NO.	DESCRIPTION
500118200	18G x 20cm

Prostate Seeding Sets

Prostate Seeding Sets are designed to facilitate transperineal radioactive seed implant procedures.

Key Product Attributes

- The 5003 series is designed for use with the Mick® 200-TP and 200-TPV applicators
- The 5005 needle cannula is more rigid for better trackability
- The 5006 needle cannula is more flexible for better steerability

Prostate Seeding Sets (Box of 25, 4 sets of 5, 5 singles)	
CATALOG NO.	DESCRIPTION
500318200SX	For use with Mick® 200 – TP & 200 – TPV applicators 18G x 20cm
500518200X	18G Rigid ETW x 20cm
500618200X	18G Flexible UTW x 20cm
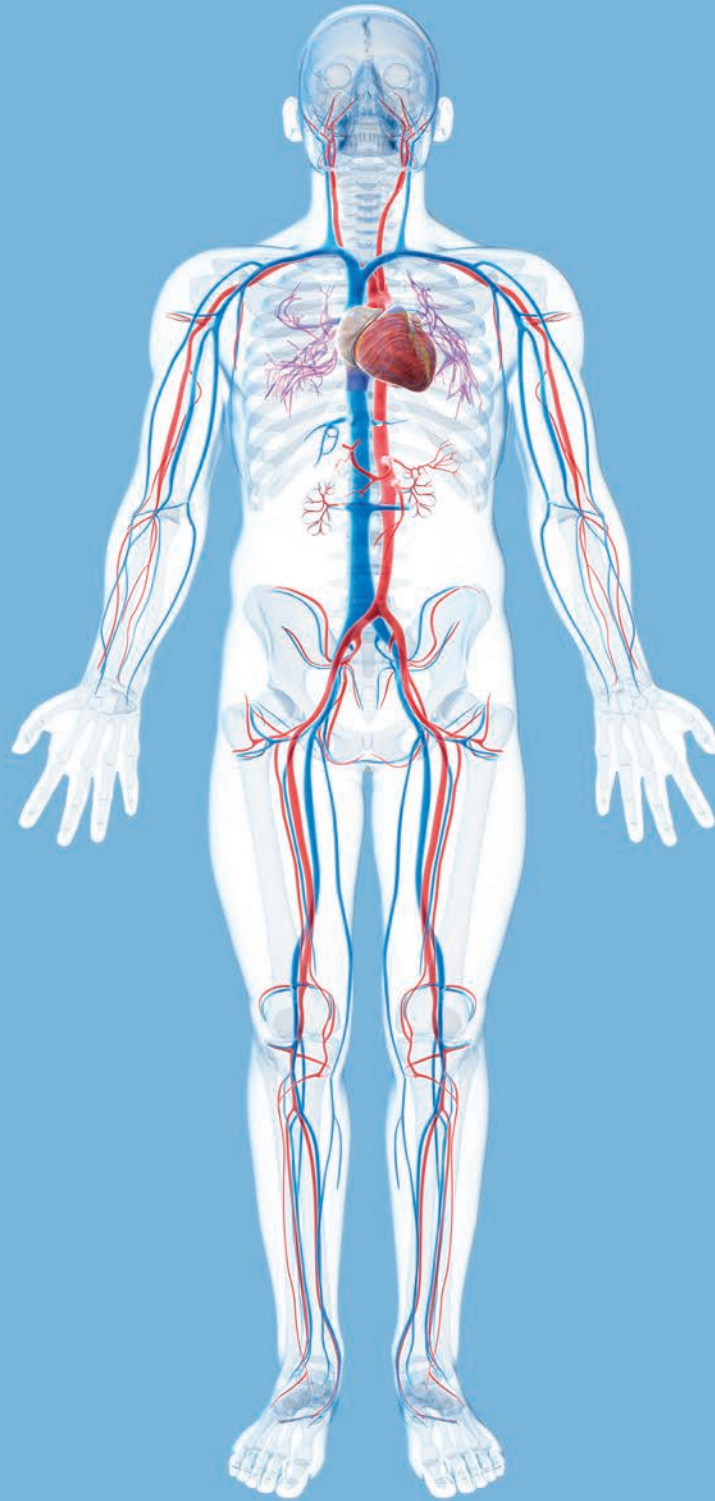
Introducer Sets & Arterial Needles

- V-Stick™ Vascular Access Sets
- Axcess™ Percutaneous Introducer Kits
- OneStic™ Micro-Access Introducer Kits
- Introducer Kits for Venous Applications
- Introducer Trays

- Introducer Kits with Multi-Purpose Curve
- Specialty Trays & Accessories
- Arterial Needles
- Guidewire Introducer Needles
- Vessel Dilators

ARGON
MEDICAL DEVICES

V•Stick™ Vascular Access Sets

V•Stick™ Vascular Access Sets assist in gaining vascular access for the placement of .035" and .038" guidewires into the vascular system using small needle access to reduce puncture site and vessel trauma.

Guidewire (.018" x 40cm)

- Available in stainless steel or nitinol with seamless wire transition to the radiopaque tip
- Floppy tip construction provides flexibility during placement

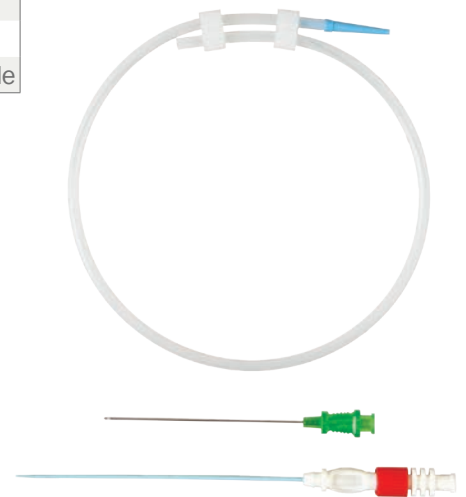### Smooth Trans Co-axial Introducer (3F dilator w/4F or 5F sheath) - Available in two styles: standard and stiff

- Standard (red locking nut) – standard co-axial introducer with smooth transition from inner dilator to outer heath
- Stiff (white locking nut) – stiff co-axial introducer

UltraSharp Needle (21G x 7cm)

- UltraSharp, beveled needle reduces drag and eases insertion
- Available with or without echogenic tip

V•Stick™ Vascular Access Sets w/Standard Co-axial Introducer (Box of 10)	
CATALOG NO	DESCRIPTION
391504000E	4F V•Stick™, Standard Introducer, stainless steel guidewire, echogenic
391504300E	4F V•Stick™, Standard Introducer, nitinol guidewire, echogenic
391504400E	4F V•Stick™, Standard Introducer, nitinol guidewire, non-echogenic
391504500E	4F V•Stick™, Standard Introducer, stainless steel guidewire, non-echogenic
391505000E	5F V•Stick™, Standard Introducer, stainless steel guidewire, echogenic
391505300E	5F V•Stick™, Standard Introducer, nitinol guidewire, echogenic
391505400E	5F V•Stick™, Standard Introducer, nitinol guidewire, non-echogenic
391505500E	5F V•Stick™, Standard Introducer, stainless steel guidewire, non-echogenic
390204400E	4F V•Stick™, Standard Introducer, nitinol guidewire, non-echogenic 3.8cm needle

V•Stick™ Vascular Access Sets w/Stiff Co-axial Introducer (Box of 10)	
CATALOG NO	DESCRIPTION
391604000E	4F V•Stick™, Stiff Introducer, stainless steel guidewire, echogenic
391604300E	4F V•Stick™, Stiff Introducer, nitinol guidewire, echogenic
391604400E	4F V•Stick™, Stiff Introducer, nitinol guidewire, non-echogenic
391604500E	4F V•Stick™, Stiff Introducer, stainless steel guidewire, non-echogenic
391605000E	5F V•Stick™, Stiff Introducer, stainless steel guidewire, echogenic
391605300E	5F V•Stick™, Stiff Introducer, nitinol guidewire, echogenic
391605400E	5F V•Stick™, Stiff Introducer, nitinol guidewire, non-echogenic
391605500E	5F V•Stick™, Stiff Introducer, stainless steel guidewire, non-echogenic

.018" Access Wires

Guidewires come in two lengths and are available with stainless steel or nitinol cores. All guidewires have a flexible radiopaque tip.

Key Product Attributes

- Smooth transition from rigid core to radiopaque coil tip provides excellent maneuverability
- Nitinol offers kink-resistance and torque control
- Stainless steel for maximum back-up

| Guidewire (Box of 5)	
CATALOG NO.	DESCRIPTION
107018080	.018" X 80cm stainless steel guidewire
190118040	.018" X 40cm nitinol guidewire
190118080	.018" X 80cm nitinol guidewire

Axcess™ Percutaneous Introducer Kits

Pediatric Length with wire

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER /LENGTH	HUB COLOR	UNITS
496064	4F	5.75cm	.021" x 40cm	Red	10
496065	5F	5.75cm	.025" x 40cm	Gray	10
496066	6F	5.75cm	.032" x 40cm	Green	10
496067	7F	5.75cm	.032" x 40cm	Orange	10

Standard Length with Double ended wire

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER /LENGTH	HUB COLOR	UNITS
496004	4F	11cm	.035" x 45cm	Red	10
496005	5F	11cm	.038" x 45cm	Gray	10
496006	6F	11cm	.038" x 45cm	Green	10
496007	7F	11cm	.038" x 45cm	Orange	10
496008	8F	11cm	.038" x 45cm	Blue	10
496009	9F	11cm	.038" x 45cm	Black	10

Standard Length - without Wire

CATALOG NO	SIZE	LENGTH	FOR GUIDEWIRE SIZE	HUB COLOR	UNITS
496035	5F	11cm	Accepts .035" - .038"	Gray	10
496036	6F	11cm	Accepts .035" - .038"	Green	10
496037	7F	11cm	Accepts .035" - .038"	Orange	10
496038	8F	11cm	Accepts .035" - .038"	Blue	10

Long Sheath - without Wire

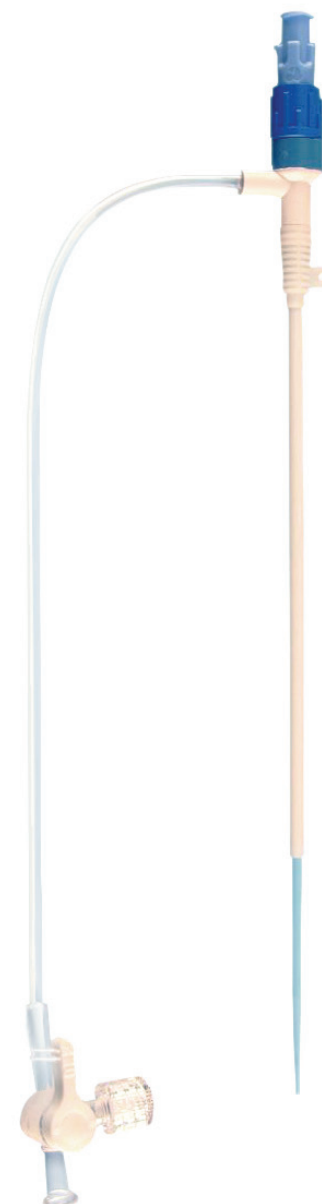| CATALOG NO	SIZE	LENGTH	FOR GUIDEWIRE SIZE	HUB COLOR	UNITS
490005	5F	23cm	Accepts .035" - .038"	Gray	10
490006	6F	23cm	Accepts .035" - .038"	Green	10
490027*	7F	23cm	Accepts .035" - .038"	Orange	10
490028*	8F	23cm	Accepts .035" - .038"	Blue	10
490029*	9F	23cm	Accepts .035" - .038"	Black	10

Dual Dilator Systems
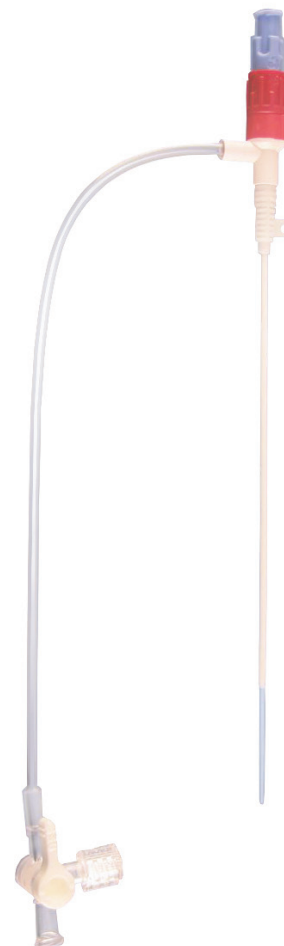
OneStic™ Micro-Access Introducer Kits

Stainless Steel Mandrel Wires

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER /LENGTH	GUIDEWIRE CORE TIP	NEEDLE GAUGE/LENGTHS	UNITS
497850	6F	5.75cm	.018" x 45cm	SS/SS	21G x 5.1cm	10
497854	6F	5.75cm	.018" x 45cm	SS/SS	21G x 7cm	10
497863	7F	5.75cm	.018" x 45cm	SS/SS	21G x 5.1cm	10
497852	8F	5.75cm	.018" x 45cm	SS/SS	21G x 5.1cm	10
497820	4F	11cm	.018" x 45cm	SS/SS	21G x 7cm	10
497845	5F	11cm	.018" x 45cm	SS/SS	21G x 2.5cm	10
497830	5F	11cm	.018" x 45cm	SS/SS	21G x 7cm	10
497840	6F	11cm	.018" x 45cm	SS/SS	21G x 7cm	10
497861	7F	11cm	.018" x 45cm	SS/SS	21G x 7cm	10
497862	8F	11cm	.018" x 45cm	SS/SS	21G x 7cm	10

Nitinol Wires with Palladium Tip

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER /LENGTH	GUIDEWIRE CORE TIP	NEEDLE GAUGE/LENGTHS	UNITS
497868	4F	5.75cm	.018" x 40cm	NT/PD	21G x 2.5cm	10
497865	5F	5.75cm	.018" x 40cm	NT/PD	21G x 2.5cm	10
497864	6F	5.75cm	.018" x 40cm	NT/PD	21G x 2.5cm	10
497853	6F	5.75cm	.018" x 40cm	NT/PD	21G x 5.1cm	10
497849	6F	5.75cm	.018" x 40cm	NT/PD		10
497867	7F	5.75cm	.018" x 40cm	NT/PD	21G x 2.5cm	10
497821	4F	11cm	.018" x 40cm	NT/PD	21G x 7cm	10
497831	5F	11cm	.018" x 40cm	NT/PD	21G x 7cm	10
497841	6F	11cm	.018" x 40cm	NT/PD	21G x 7cm	10
497844	6F	11cm	.018" x 40cm	NT/PD	21G x 5.1cm	10

Echogenic Needles

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER /LENGTH	GUIDEWIRE CORE TIP	NEEDLE GAUGE/LENGTHS	UNITS
497860	7F	5.75cm	.018" x 40cm	NT/PD	21G x 7cm	10
497858	4F	11cm	.018" x 45cm	SS/SS	21G x 7cm	10
497857	4F	11cm	.018" x 40cm	NT/PD	21G x 7cm	10
497859	5F	11cm	.018" x 40cm	NT/PD	21G x 7cm	10
497856	6F	11cm	.018" x 45cm	SS/SS	21G x 7cm	10
497855	6F	11cm	.018" x 40cm	NT/PD	21G x 7cm	10

SS = Stainless Steel
NT = Nitinol
PT = Platinum

Introducer Kits for Venous Applications

PCI Kit/3 - Introducer without Hemostasis Valve

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER	NEEDLE	HUB COLOR	UNITS
496140	4F	11cm	.021"	21G x 1.0"	Red	10
496141	5F	11cm	.028"	19G x 1.5"	Gray	10
496142	6F	11cm	.035"	18G x 2.75"	Green	10

Trays Include

(1) Disposable Towel

(3) 4" x 4" Gauze Sponges

(1) Vessel Dilator

(1) #11 Mini Scalpel

(1) 22G x 1.5" (3.8cm) Needle

(1) 5cc Syringe

(1) Radiopaque Sheath

(1) Arterial Needle, Clear Hub

(1) Guidewire (Double ended 50cm, 3mm J and ST)

PCI Kit/2 - Introducer with Detachable Hemostasis Valve

CATALOG NO	SIZE	LENGTH	FOR GUIDEWIRE SIZE	HUB COLOR	UNITS
496126	4F	5.75cm	Accepts .021" wire	Red	10
496127	5F	5.75cm	Accepts .028" wire	Gray	10
496128	6F	5.75cm	Accepts .038" wire	Green	10
496124	8F	11cm	Accepts .038" wire	Blue	10
496125	9F	11cm	Accepts .038" wire	Black	10

PCI Kit/2 - Introducer with Detachable Hemostasis Valve, Feathered Tip Dilator and Wire

CATALOG NO	SIZE	LENGTH	FOR GUIDEWIRE SIZE	HUB COLOR	UNITS
496308	4F	11cm	.021" x 80cm*	Red	10
496309	5F	11cm	.021" x 80cm*	Gray	10
496310	6F	11cm	.021" x 80cm*	Green	10
496311	7F	11cm	.021" x 80cm*	Orange	10
496312	8F	11cm	.021" x 80cm*	Blue	10

*Guidewire (Double ended, 3mmJ and ST)

Introducer Kits for Venous Applications (cont.)

PCI Kit/5 - Introducer with Detachable Hemostasis Valve

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER/LENGTH	HUB COLOR	UNITS
496181	5F	11cm	.028" x 50cm	Gray	10
496182	6F	11cm	.035" x 45cm	Green	10
496183	7F	11cm	.035" x 45cm	Orange	10

Kit Content

1	Disposable Towel
1	Vessel Dilator
3	4" x 4" Gauze Sponges
1	Guidewire (Double ended, 3mm J and ST)
1	Sheath with Detachable Hemostasis Valve

One Piece Introducer with Integral Hemostasis Valve

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER /LENGTH	HUB COLOR	UNITS
496150	4F	11cm	.025" x 45cm	Red	10
496151	5F	11cm	.035" x 45cm	Gray	10
496152	6F	11cm	.035" x 45cm	Green	10
496153	7F	11cm	.035" x 45cm	Orange	10
496154	8F	11cm	.035" x 45cm	Blue	10
496155	8.5F	11cm	.035" x 45cm	White	10
496156	9F	11cm	.035" x 45cm	Black	10

Tuohy-Borst Introducer with Integral Hemostasis Valve

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER/LENGTH	HUB COLOR	UNITS
496132	6F	11cm	.035" x 45cm	Green	10
496133	7F	11cm	.035" x 45cm	Orange	10
496134	8F	11cm	.035" x 45cm	Blue	10
496135	8.5F	11cm	.035" x 45cm	White	10
496136	9F	11cm	.035" x 45cm	Black	10

Kit Content

1	Radiopaque Sheath
1	Vessel Dilator
1	Guidewire (Double ended 3mm J and ST)

Introducer Trays

Introducer Tray with Detachable Hemostasis Valve

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER /LENGTH	HUB COLOR	UNITS
497422	6F	11cm	.035" x 45cm	Green	10
497423	7F	11cm	.035" x 45cm	Orange	10
497424	8F	11cm	.035" x 45cm	Blue	10
497425	8.5F	11cm	.035" x 45cm	White	10
497426	9F	11cm	.035" x 45cm	Black	10

One Piece Introducer Tray with Integral Hemostasis Valve

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER/LENGTH	HUB COLOR	UNITS
497432	6F	11cm	.035" x 45cm	Green	10
497433	7F	11cm	.035" x 45cm	Orange	10
497434	8F	11cm	.035" x 45cm	Blue	10
497435	8.5F	11cm	.035" x 45cm	White	10
497436	9F	11cm	.035" x 45cm	Black	10

Tuohy-Borst Introducer Tray with Integral Hemostasis Valve

CATALOG NO	SIZE	LENGTH	GUIDEWIRE DIAMETER/LENGTH	HUB COLOR	UNITS
497452	6F	11cm	.035" x 45cm	Green	10
497453	7F	11cm	.035" x 45cm	Orange	10
497454	8F	11cm	.035" x 45cm	Blue	10
497455	8.5F	11cm	.035" x 45cm	White	10
497456	9F	11cm	.035" x 45cm	Black	10

Kit Configuration

- 3 Chloraprep™ Prep Swab
- 1 Disposable Towel
- 3 4" x 4" Gauze Sponges
- 1 Fenestrated Drape
- 1 Introducer Sheath
- 1 3cc Syringe L/L
- 1 22G x 1.5" (3.8cm) Needle
- 1 #11 Mini Scalpel
- 1 Septishield Catheter Sleeve
- 1 18G x 2.75" (7cm) Arterial Needle, Clear Hub
- 1 5cc Ampule Lidocaine HCL 1%
- 1 Guidewire (Double ended, 3mm J and ST)
- 2 5 cc Syringe L/S
- 1 Vessel Dilator
- 1 25G x 5/8" (1.6cm) Needle
- 1 000 Silk Suture
- 1 Povidone/Iodine Ointment
- 1 18G x 2.5" (6.4cm) Radiopaque O-T-N Catheter

Introducer Kits with Multi-Purpose Curve

Introducer Kits with Multi-Purpose Curve					
CATALOG NO	SIZE	LENGTH	FOR GUIDEWIRE SIZES	HUB COLOR	UNITS
191545	5F	45cm	Accepts .035" - .038"	Gray	10
191598	5F	98cm	Accepts .035" - .038"	Gray	10
191645	6F	45cm	Accepts .035" - .038"	Green	10
191698	6F	98cm	Accepts .035" - .038"	Green	10
191745	7F	45cm	Accepts .035" - .038"	Orange	10
191798	7F	98cm	Accepts .035" - .038"	Orange	10
191845	8F	45cm	Accepts .035" - .038"	Blue	10
191898	8F	98cm	Accepts .035" - .038"	Blue	10

Specialty Trays & Accessories

Universal Percutaneous Introducer Tray		
CATALOG NO	DESCRIPTION	UNITS
500200	Universal Percutaneous Introducer Tray	10

Kit Content

3	Chloraprep™ Prep Swab
2	Disposable Towel
6	4" x 4" Gauze Sponges
1	Fenestrated Drape w/Ripline
1	Injection Site
1	25G x 5/8" (1.6cm) Needle
1	000 Silk Suture
1	Povidone/Iodine Ointment
1	18G x 2.75" (7cm) Arterial Needle, Clear Hub
2	5cc Ampule Lidocaine HCL 1%
1	.035" x 65cm FC, SS, 3mm J & ST Guidewire
2	5cc Syringe L/L
1	8F Vessel Dilator
1	22G x 1.5" (3.8cm) Needle
1	#11 Mini Scalpel
1	18G x 2.5" (6.4cm) Radiopaque O-T-N Catheter
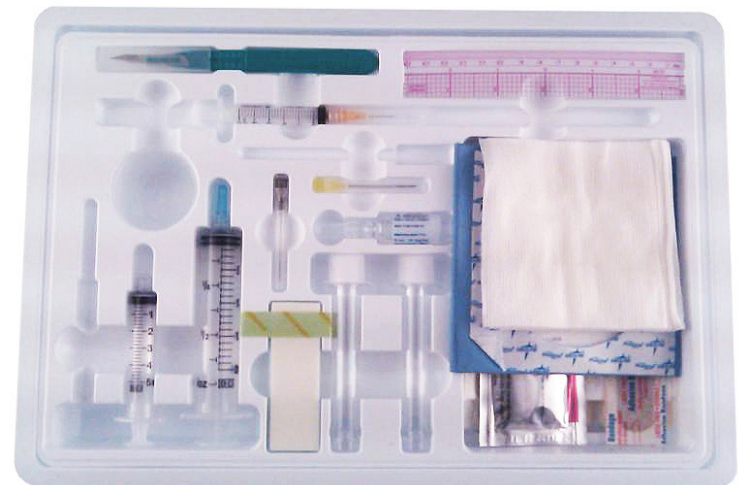
Specialty Trays & Accessories (cont.)

Multi-Purpose Biopsy Kit (without Specimen Tubes or Slides)		
CATALOG NO	DESCRIPTION	UNITS
195110	Multi-Purpose Biopsy Kit (without Specimen Tubes or Slides)	10
195100	Multi-Purpose Biopsy Tray	10

Kit Content

3	Chloraprep™ Prep Swab
1	Disposable Towel
4	4" x 4" Gauze Sponges
1	Fenestrated Drape w/Ripline
1	Plastic Ruler 6" (15cm)
1	25G x 5/8" (1.6cm) Needle
1	Adhesive Bandage
6	Microscope Slides
2	Specimen Tube w/cap
1	20G x 1.5" (3.8cm) Needle
1	5cc Ampule Lidocaine HCL 1%
1	3cc Syringe L/L
1	5cc Syringe L/S
1	20cc Syringe L/L
1	22G x 1.5" (3.8cm) Needle
1	#11 Long Handle Scalpel
1	Medicine Cup 30cc

Accessories			
CATALOG NO	DESCRIPTION	SIZE	UNITS
497296	Detachable Hemostasis Valve with Stopcock	4F - 6F	10
497297	Detachable Hemostasis Valve with Stopcock	7F - 9F	10
497302	Septishield Catheter Sleeve (80cm) (Not for use with Axcess Introducers)	–	25

Arterial Needles

### AMC/3 - Arterial Needle with removable Needle Adapter

CATALOG NO	GAUGE	LENGTH	FOR GUIDEWIRE SIZES	SPECIAL FEATURES	UNITS
195312	18G	7cm	.032" - .038"		10
195315	19G	3.8cm	.025" - .028"		10
195311	21G	2.5cm	.018" - .021"		10

AMC/4 - Clear Flashback Needle

CATALOG NO	GAUGE	LENGTH	FOR GUIDEWIRE SIZES	SPECIAL FEATURES	UNITS
195317	18G	3.8cm	.035" - .038"		10
195318	18G	7cm	.035" - .038"		10
195319	19G	3.8cm	.025" - .028"		10
195355	19G	7cm	.032" - .035"		10
195322	21G	2.5cm	.018" - .021"		10
195323	21G	5.1cm	.018" - .021"		10
195310	21G	7cm	.018" - .021"	extra thin wall	10

AMC/4 - Winged Arterial Needle

CATALOG NO	GAUGE	LENGTH	FOR GUIDEWIRE SIZES	SPECIAL FEATURES	UNITS
195352	18G	7cm	.035" - .038"		10
195330	19G	7cm	.032" - .035"	extra thin wall	10

Percutaneous Entry Needles

CATALOG NO	DESCRIPTION	GAUGE	LENGTH	FOR GUIDEWIRE SIZES	UNITS
195326	Percutaneous Entry Needle *Two-Part Thin Wall Tapered Cannula and Inner Arterial Beveled Stylet*	18	7.3cm	.032" - .038"	10
195351	Percutaneous Entry Needle with Vented Stylet *Two-Part Thin Wall Tapered Cannula and Vented Arterial Beveled Stylet Needle*	18	7.3cm	.032" - .038"	10

Cournand Style Needles

CATALOG NO	DESCRIPTION	GAUGE	LENGTH	FOR GUIDEWIRE SIZES	UNITS
195336	Cournand Style Needle *Three-Part: Outer Thin Wall Tapered Cannula, Inner Arterial Beveled, and Round ended Obturator*	18	5.4cm	.032" - .038"	10
195350	Modified Cournand Style Needle *Two-Part: Outer Thin Wall Tapered Cannula and Inner Arterial Beveled Needle*	18	5.4cm	.032" - .038"	10
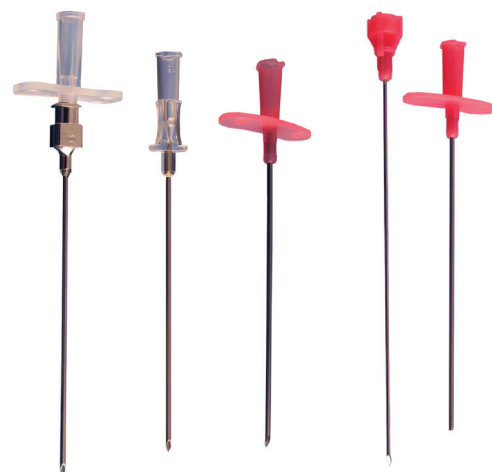
Guidewire Introducer Needles

Key Product Attributes

- Designed for anterior, single wall, arterial percutaneous puncture
- Tapered luer hub allows for easy guidewire insertion
- Available with a clear window wall hub
- Also available with winged base plate

Guidewire Introducer Needle (Box of 25)	
CATALOG NO.	DESCRIPTION
GWI1802	18G x 7cm, accepts .038˝ guidewire
GWI1902	19G x 7cm, accepts .035˝ guidewire
GWI1802WW	18G x 7cm, accepts .038˝ guidewire, window wall hub

Guidewire Introducer Needle/Winged Base Plate (Box of 25)	
CATALOG NO.	DESCRIPTION
BGWI1802	18G x 7cm, accepts .038˝ guidewire
BGWI1902	19G x 7cm, accepts .035˝ guidewire

Seldinger Needles

- Designed for easy, atraumatic, percutaneous arterial puncture
- Color coded stylet

Seldinger Needle (Box of 25)	
CATALOG NO.	DESCRIPTION
SN1802	18G x 7cm, accepts .038˝ guidewire
SN1902	19G x 7cm, accepts .035˝ guidewire

Potts/Cournand Needle

- Designed for carotid angiography, direct arterial pressure monitoring, blood sampling and percutaneous catheterization

Potts/Cournand Needle (Box of 25)	
CATALOG NO.	DESCRIPTION
MPCN1802	18G x 5.7cm, accepts .038˝ guidewire

Vessel Dilators

Feathered Tip				
CATALOG NO.	SIZE	LENGTH	FOR GUIDEWIRE SIZES	UNITS
392354	4F	19.8cm	Accepts .018" - .021"	10
392355	5F	19.8cm	Accepts .018" - .021"	10
392356	6F	19.8cm	Accepts .018" - .021"	10

Standard Taper				
CATALOG NO.	SIZE	LENGTH	FOR GUIDEWIRE SIZES	UNITS
392299	4F	13.2cm	Accepts .032" - .035"	10
392310	5F	19.8cm	Accepts .035" - .038"	10
392305	6F	19.8cm	Accepts .035" - .038"	10
392306	7F	19.8cm	Accepts .035" - .038"	10
392307	8F	19.8cm	Accepts .035" - .038"	10
392309	9F	19.8cm	Accepts .035" - .038"	10
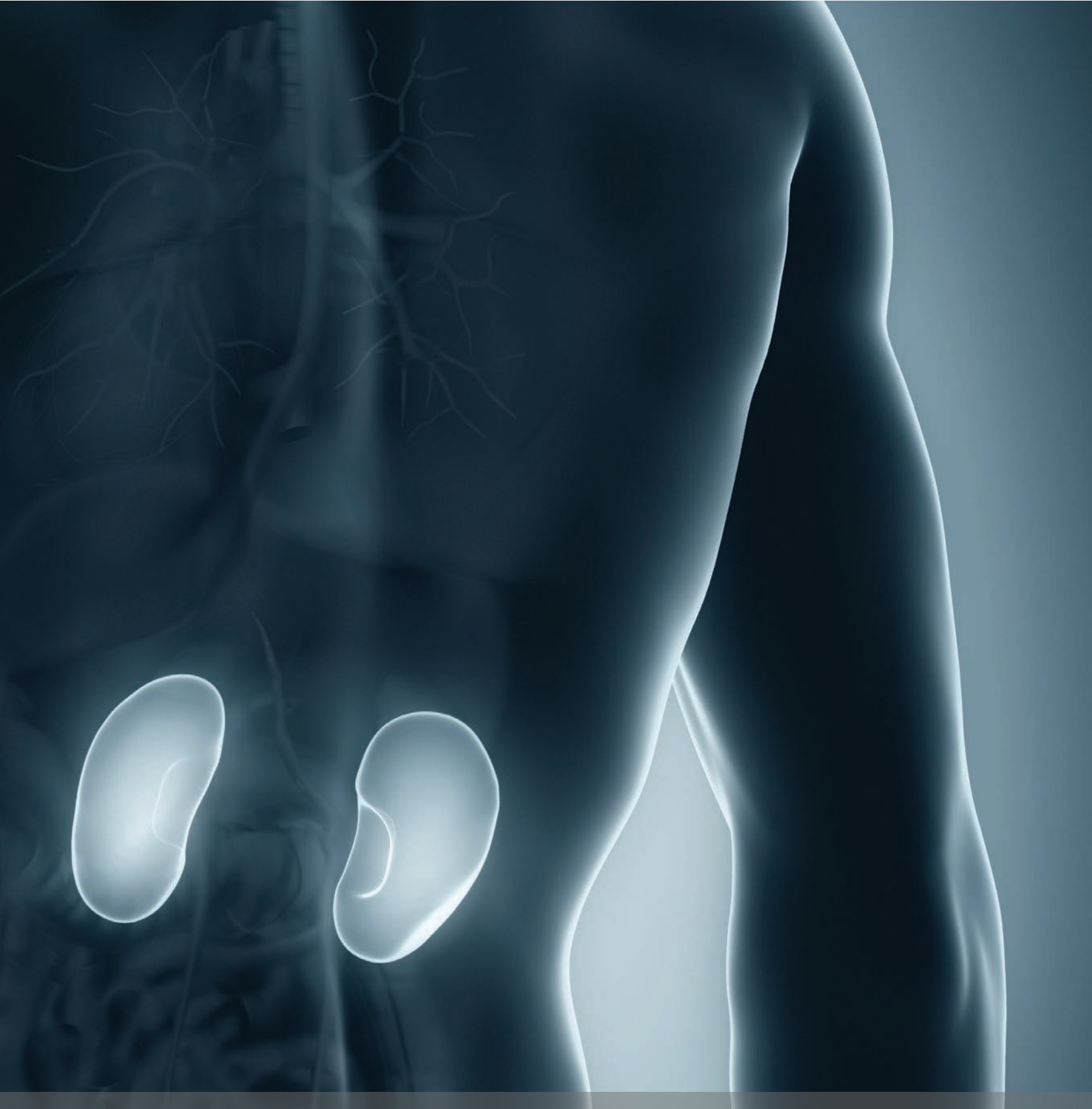
Dialysis

- **UltraStream™ Chronic Dialysis Catheter**

ARGON
MEDICAL DEVICES

UltraStream™ Chronic Dialysis Catheter

UltraStream Chronic Dialysis Catheter (CDC) is specifically designed for over-the-wire (OTW) or peel-away insertion techniques. The unique dual independent arterial lumen design and kink resistant material ensures adequate flow rates. UltraStream CDC is indicated for the use of hemodialysis or apheresis.

Key Product Attributes

- Transitionless tip design provides atraumatic OTW placement or insertion through a peel-away sheath
- Shortened length between distal lumens allows for more accurate tip placement
- Dual arterial lumens make up 65% of catheter ID which reduces the risk of catheter side walling
- Kink resistant, radiopaque Carbothane™ provides strength for catheter longevity and softness for patient comfort
- Durable luer connectors, that are compatible with a broad spectrum of cleansing agents, are ergonomically designed to withstand multiple connections reducing the risk of cracking

UltraStream™ Chronic Dialysis Catheter

CATALOG NO.	DESCRIPTION	UNITS
32401524	15.5F X 24cm Catheter – Peel-Away Sheath Kit	1 Unit/Box
32401528	15.5F X 28cm Catheter – Peel-Away Sheath Kit	1 Unit/Box
32401532	15.5F X 32cm Catheter – Peel-Away Sheath Kit	1 Unit/Box
32401536	15.5F X 36cm Catheter – Peel-Away Sheath Kit	1 Unit/Box
32401540	15.5F X 40cm Catheter – Peel-Away Sheath Kit	1 Unit/Box
32101524	15.5F X 24cm Catheter – Standard Kit	1 Unit/Box
32101528	15.5F X 28cm Catheter – Standard Kit	1 Unit/Box
32101532	15.5F X 32cm Catheter – Standard Kit	1 Unit/Box
32101536	15.5F X 36cm Catheter – Standard Kit	1 Unit/Box
32101540	15.5F X 40cm Catheter – Standard Kit	1 Unit/Box
32001524	15.5F X 24cm Catheter – Exchange Kit	5 Units/Box
32001528	15.5F X 28cm Catheter – Exchange Kit	5 Units/Box
32001532	15.5F X 32cm Catheter – Exchange Kit	5 Units/Box
32001536	15.5F X 36cm Catheter – Exchange Kit	5 Units/Box
32001540	15.5F X 40cm Catheter – Exchange Kit	5 Units/Box

Kit Content

STANDARD KIT

UltraStream Catheter 15.5F
Flexible Stiffener
Vessel Dilator (16F)
#11 Safety Scalpel
18G x 2.75" Introducer Needle
Tunneling Device
Needleless Injection Site Caps (2)
Adhesive Bandage (2)
Safety Foam

PEEL-AWAY KIT

UltraStream Catheter 15.5F
Flexible Stiffener
Peel-away Sheath (16F)
Vessel Dilator (16F)
.038" x 80cm SS Guidewire
#11 Safety Scalpel
18G x 2.75" Introducer Needle
Tunneling Device
Needleless Injection Site Caps (2)
Adhesive Bandage (2)
Safety Foam

EXCHANGE KIT

UltraStream Catheter 15.5F
Flexible Stiffener
Needleless Injection Site Caps (2)

Guidewires

- Guidewires - Fixed Core Straight
- Guidewires - Fixed Core J Tip
- Guidewires - Specialty
- Guidewire Introducer Needles
- Small Diameter Core Wires

ARGON
MEDICAL DEVICES

Guidewires - Fixed Core Straight

Stainless Steel

CATALOG NO.	DIAMETER	LENGTH	UNITS
395451	.018"	40cm	10
395200	.018"	80cm	10
395201	.018"	100cm	10
395536	.021"	25cm	10
395513	.021"	40cm	10
395203	.021"	80cm	10
395205	.021"	125cm	10
395509	.021"	150cm	10
395206	.025"	40cm	10
395711	.035"	75cm	10

PTFE Coated Stainless Steel

CATALOG NO.	DIAMETER	LENGTH	UNITS
395225	.025"	150cm	10
395687	.035"	150cm	10
395234	.038"	150cm	10

Exchange Wires - PTFE Coated

CATALOG NO.	DIAMETER	LENGTH	UNITS
395367	.025"	260cm	10
395369	.035"	260cm	10
395370	.038"	260cm	10

Mullins Tip Deflector Wires - Stainless Steel

CATALOG NO.	DIAMETER	LENGTH	UNITS
395945	.018"	100cm	10
395948	.021"	100cm	10

Guidewires - Fixed Core J Tip

PTFE Coated Stainless Steel

CATALOG NO.	DIAMETER	LENGTH	TIP CURVE RADIUS	SPECIAL FEATURE	UNITS
395420	.025"	150cm	1.5mm		10
395787	.035"	150cm	1.5mm		10
395523	.021"	150cm	3mm		10
395559	.025"	150cm	3mm		10
395600	.032"	150cm	3mm		10
395282	.035"	150cm	3mm		10
388282	.035"	150cm	3mm	Classic	10
393282	.035"	150cm	3mm	Flexible	10
393182	.035"	150cm	3mm	Z-Tip	10
390282	.035"	150cm	3mm	XTB	10
393186	.035"	175cm	3mm	Z-Tip	10
390186	.035"	175cm	3mm	XTB	10
395284	.038"	150cm	3mm		10
388284	.038"	150cm	3mm	Classic	10
393184	.038"	150cm	3mm	Z-Tip	10
390284	.038"	150cm	3mm	XTB	10
393187	.038"	175cm	3mm	Z-Tip	10

PTFE Coated Stainless Steel Double Ended

CATALOG NO.	DIAMETER	LENGTH	TIP CURVE RADIUS	UNITS
395998	.035"	50cm	Str & 3mm	10
395919	.035"	150cm	Str & 1.5mm	10

Exchange Wires - PTFE Coated

CATALOG NO.	DIAMETER	LENGTH	TIP CURVE RADIUS	UNITS
395585	.025"	260cm	3mm	10
395722	.035"	200cm	3mm	10
395794	.035"	260cm	3mm	10

Guidewires - Specialty

Stainless Steel

CATALOG NO.	DIAMETER	LENGTH	TIP CURVE RADIUS	UNITS
395510	.021"	40cm	3mm	10
395573	.025"	40cm	3mm	10
395271	.035"	40cm	3mm	10
395654	.035"	50cm	3mm	10
395752	.035"	75cm	3mm	10

Bentson Wires - PTFE Coated

CATALOG NO.	DIAMETER	LENGTH	SPECIAL FEATURE	UNITS
395930E	.035"	150cm		10
395170	.035"	180cm		10
390033	.035"	260cm		10
395933C	.038"	150cm		10

Stainless Steel Double Ended

CATALOG NO.	DIAMETER	LENGTH	TIP CURVE RADIUS	UNITS
395415	.025"	65cm	Str & 3mm	10
395539	.032"	65cm	Str & 3mm	10
395680	.035"	45cm	Str & 3mm	10
395899	.035"	65cm	Str & 3mm	10
395868	.035"	80cm	Str & 3mm	10

Movable Core PTFE Coated

CATALOG NO.	DIAMETER	LENGTH	TIP CURVE RADIUS	SPECIAL FEATURE	UNITS
395258	.035"	150cm	Straight		10
395309	.032"	150cm	3mm		10
395721	.035"	145cm	3mm	Tapered	10
395320	.035"	150cm	3mm		10
388300	.035"	150cm	3mm	Tapered	10
395312	.035"	150cm	3mm	Classic	10
395315	.038"	150cm	3mm		10

.018" Access Wires

Guidewires come in two lengths and are available with stainless steel or nitinol cores. All guidewires have a flexible radiopaque tip.

Key Product Attributes

- Smooth transition from rigid core to radiopaque coil tip provides excellent maneuverability
- Nitinol offers kink-resistance and torque control
- Stainless steel for maximum back-up

Guidewire (Box of 5)

CATALOG NO.	DESCRIPTION
107018080	.018" X 80cm stainless steel guidewire
190118040	.018" X 40cm nitinol guidewire
190118080	.018" X 80cm nitinol guidewire

Fluid Management

- Manifolds
- Coronary Control Syringes
- Medication Syringes
- Medication Labeling Kit

- High Pressure Injection Lines
- Pressure Monitoring Lines
- Contrast Management Systems & IV Spikes
- Waste Management Systems

ARGON
MEDICAL DEVICES

Manifolds

500psi - Right Orientation ON Handle					500psi - Right Orientation OFF Handle		
CATALOG NO.	DESCRIPTION	UNITS			CATALOG NO.	DESCRIPTION	UNITS
193101	ON Handles - 2 Port Open Body	25			193103	OFF Handles - 2 Port Open Body	25
193117	ON Handles - 3 Port Open Body	25			193119	OFF Handles - 3 Port Open Body	25
193133	ON Handles - 4 Port Open Body	25			193135	OFF Handles - 4 Port Open Body	25
193109	ON Handles - 2 Port Block Body	25			193111	OFF Handles - 2 Port Block Body	25
193125	ON Handles - 3 Port Block Body	25			193127	OFF Handles - 3 Port Block Body	25
193149	ON Handles - 4 Port Block Body	25			193151	OFF Handles - 4 Port Block Body	25

500psi - Left Orientation OFF Handle		
CATALOG NO.	DESCRIPTION	UNITS
193107	OFF Handles - 2 Port Open Body	25
193123	OFF Handles - 3 Port Open Body	25
193131	OFF Handles - 3 Port Block Body	25

500psi Right Orientation Tubing Extension 6" (15cm)				500psi - Right Orientation Tubing Extension 6" (15cm)		
CATALOG NO.	DESCRIPTION	UNITS		CATALOG NO.	DESCRIPTION	UNITS
193145	ON Handles - 2 Port Block Body	25		193146	OFF Handles - 2 Port Block Body	25
193141	ON Handles - 3 Port Block Body	25		193142	OFF Handles - 3 Port Block Body	25

1050psi - High Pressure 3-Way Stopcock with Rotating Adapter		
CATALOG NO.	DESCRIPTION	UNITS
196590	OFF Handle - 3-Way Stopcock with Rotating Adapter	25

Coronary Control Syringes

Thumb Ring/Finger Ring						
CATALOG NO.	DESCRIPTION	UNITS		CATALOG NO.	DESCRIPTION	UNITS
193206	10mL - Rotating Adapter	25		193205	10mL - Fixed Male Luer	25
193210	12mL - Rotating Adapter	25		193209	12mL - Fixed Male Luer	25
193249	12mL - Soft Touch - Rotating Adapter	25		193248	12mL - Soft Touch - Fixed Male Luer	25
-	–	–		193217	10mL - Dosage Control - Fixed Male Luer	25
193222	12mL - Dosage Control - Rotating Adapter	25		193221	12mL - Dosage Control - Fixed Male Luer	25

Thumb Ring/Finger Grip			
CATALOG NO.	DESCRIPTION	UNITS	
193214	12mL - Rotating Adapter	25	

Palm Pad/Finger Ring						
CATALOG NO.	DESCRIPTION	UNITS		CATALOG NO.	DESCRIPTION	UNITS
-	–	–		193207	10mL - Fixed Male Luer	25
193212	12mL - Rotating Adapter	25		193211	12mL - Fixed Male Luer	25
193243	12mL - Soft Touch - Rotating Adapter	25		–	–	–

Palm Pad/Finger Grip						
CATALOG NO.	DESCRIPTION	UNITS		CATALOG NO.	DESCRIPTION	UNITS
-	–	–		193203	10mL - Fixed Male Luer	25
193239	12mL - Soft Touch - Rotating Adapter	25		193238	12mL - Soft Touch - Fixed Male Luer	25

Medication Syringes - 10mL

Packaged 25 Units per Box. Each package includes clear adhesive labels, printed in black with common injectables.
Labels: Lidocaine, Heparin/Saline, Heparin, Contrast, Nitroglycerin and blank (2ea).

Unprinted Syringes						
BLUE	YELLOW	RED	WHITE	LIGHT GREEN	DARK GREEN	PURPLE
382001	382011	382021	382031	382041	382051	382061

Pre-Printed Syringes								
DESCRIPTION	BLUE	YELLOW	RED	WHITE	LIGHT GREEN	DARK GREEN	PURPLE	UNITS
Contrast	382005	382015	382025	382035	382045	382055	382065	25
Lidocaine	382003	382013	382023	382033	382043			25
Saline	382006	382016	382026	382036	382046			25
Nitro	382002	382012	382022	382032		382052		25
Heparin	382004		382024	382034				25
Flush				382037				25
Atropine				382038				25
Arterial	382000							25
Venous				382039				25

Medication Labeling Kit

| Medication Labeling Kit			
CATALOG NO.	DESCRIPTION		UNITS
197823	MLK Label Set with Pen	Each set contains 40 (.04" x 1.0") pre-printed, moisture resistant labels and a permanent marker.	5

High Pressure Injection Lines - 1200psi

Flexible Braided								
DESCRIPTION	10" Length (25cm)	20" LENGTH (50CM)	30" LENGTH (76CM)	48" LENGTH (122CM)	60" LENGTH (152CM)	72" LENGTH (183CM)	96" LENGTH (244CM)	UNITS
Male to Female	193358	193359	193360	193361	193376	193377	193381	25
Rotating Adapter	193362	193363	193364	193365	193375	193378	193382	25

Clear PVC							
DESCRIPTION	10" Length (25cm)	20" LENGTH (50CM)	30" LENGTH (76CM)	48" LENGTH (122CM)	60" LENGTH (152CM)	72" LENGTH (183CM)	UNITS
Male to Female	193350	193351	193352	193353	193374	193366	25
Rotating Adapter	193354	193355	193356	193357	193368	193373	25
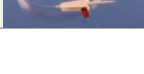
Pressure Monitoring Lines

Clear PVC				
DESCRIPTION	6" Length (15cm)	12" LENGTH (30CM)	24" LENGTH (61CM)	36" LENGTH (91CM)
Male to Female	040100005A	040101005A	040102005A	040103005A
Male to Male	040200005A	040201005A	040202005A	0402030005A

Clear PVC				
DESCRIPTION	48" LENGTH (122CM)	60" LENGTH (152CM)	72" LENGTH (183CM)	96" LENGTH (244CM)
Male to Female	040104005A	040105005A	040106005A	040108005A
Male to Male	040204005A	040205005A	040206005A	040208005A
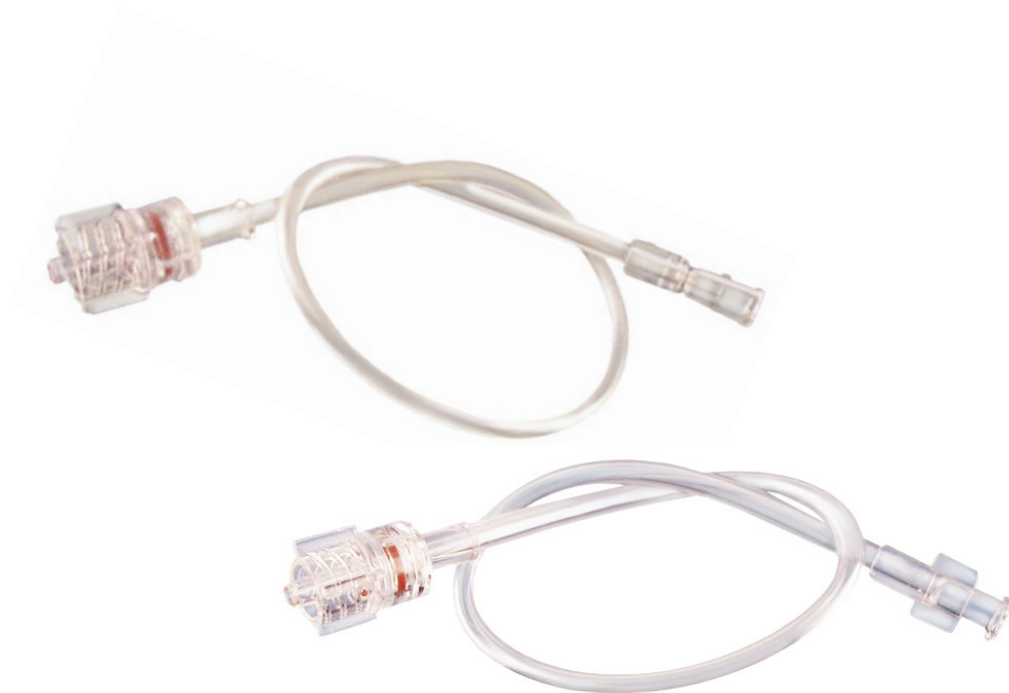
Contrast Management Systems & IV Spikes

Contrast Management Systems & IV Spikes				
CATALOG NO.	DESCRIPTION		UNITS	
197652	Contrast Control System	72" (183cm) large bore tubing, 1 way check valve, 30mL vented chamber, 3-way stopcock and fixed male luers	10	
197653	Contrast Control System	60" (152cm) large bore tubing, two 1-way check valves, 30mL Burette chamber, 1-way stopcock, 3-way stopcock and fixed male luers	10	
197641	Fluid Delivery System	72" (183cm) administration set with two 1-way check valves and 30mL luer lock syringe	20	
197643	IV Spike	6" Vented contrast management spike with large bore tubing (For use with 197652)	25	
197640	IV Spike	6" Vented contrast management spike with 1-way stopcock (For use with 197653)	25	
039821599A	Macro IV Spike	60" (152cm) Non-vented chamber with 15 micron screen filter	10	
039829999A	Contrast Media IV Spike	72" (183cm) Contrast management spike with vented universal spike	10	

Waste Management Systems

All sets include:
- 1500 mL PVC bag
- 72" (183cm) large bore tubing

Waste Management Systems

CATALOG NO.	DESCRIPTION		UNITS	
197530	Argo-Bagz™ with Universal Spike	With clasp and Dual Check Valve	20	
197540	Argo-Bagz™ with Universal Drip Chamber	With Dual Check Valve	20	
197560	Argo-Bagz™ with One Way Valve	With 1-way Check Valve	20	
197580	Argo-Bagz™ with Dual Spikes	72" (183cm) Vented universal spike, 72" (183cm) Contrast Spike and Dual Check Valve with 3-way Stopcock	20	
197581	Argo-Bagz™ with Dual Spikes	72" (183cm) Vented universal spike, 72" (183cm) Contrast Spike and 2 Dual Check Valves	20	
197590	Argo-Bagz™ with Male Extension	36" (91cm) extension with male connector and Dual Check Valve	10	
197611	Argo-Bagz™ with Dual Spikes	2 each 72" (183cm) Vented universal spikes, and Dual Check Valve with 3-way Stopcock	10	

Pressure Monitoring Accessories

Pressure Monitoring Tubing with Female/Male Luers			
CATALOG NO.	LENGTH	TUBE MATERIAL	UNITS
040100005A	6" (15cm)	PVC	25
040101005A	12" (30cm)	PVC	25
040102005A	24" (61cm)	PVC	25
040103005A	36" (91cm)	PVC	25
040104005A	48" (122cm)	PVC	25
040105005A	60" (152cm)	PVC	25
040106005A	72" (183cm)	PVC	25
040108005A	96" (244cm)	PVC	25
040100001A	6" (15cm)	Polyethylene	25
040101001A	12" (30cm)	Polyethylene	25
040102001A	24" (61cm)	Polyethylene	25
040103001A	36" (91cm)	Polyethylene	25
040104001A	48" (122cm)	Polyethylene	25
040106001A	72" (183cm)	Polyethylene	25
040108001A	96" (244cm)	Polyethylene	25

Pressure Monitoring Tubing with Male/Male Luers			
CATALOG NO.	LENGTH	TUBE MATERIAL	UNITS
040200005A	6" (15cm)	PVC	25
040201005A	12" (30cm)	PVC	25
040202005A	24" (61cm)	PVC	25
040203005A	36" (91cm)	PVC	25
040204005A	48" (122cm)	PVC	25
040205005A	60" (152cm)	PVC	25
040206005A	72" (183cm)	PVC	25
040208005A	96" (244cm)	PVC	25
040203001A	36" (91cm)	Polyethylene	25
040204001A	48" (122cm)	Polyethylene	25
040206001A	72" (183cm)	Polyethylene	25
040208001A	96" (244cm)	Polyethylene	25

Stopcocks

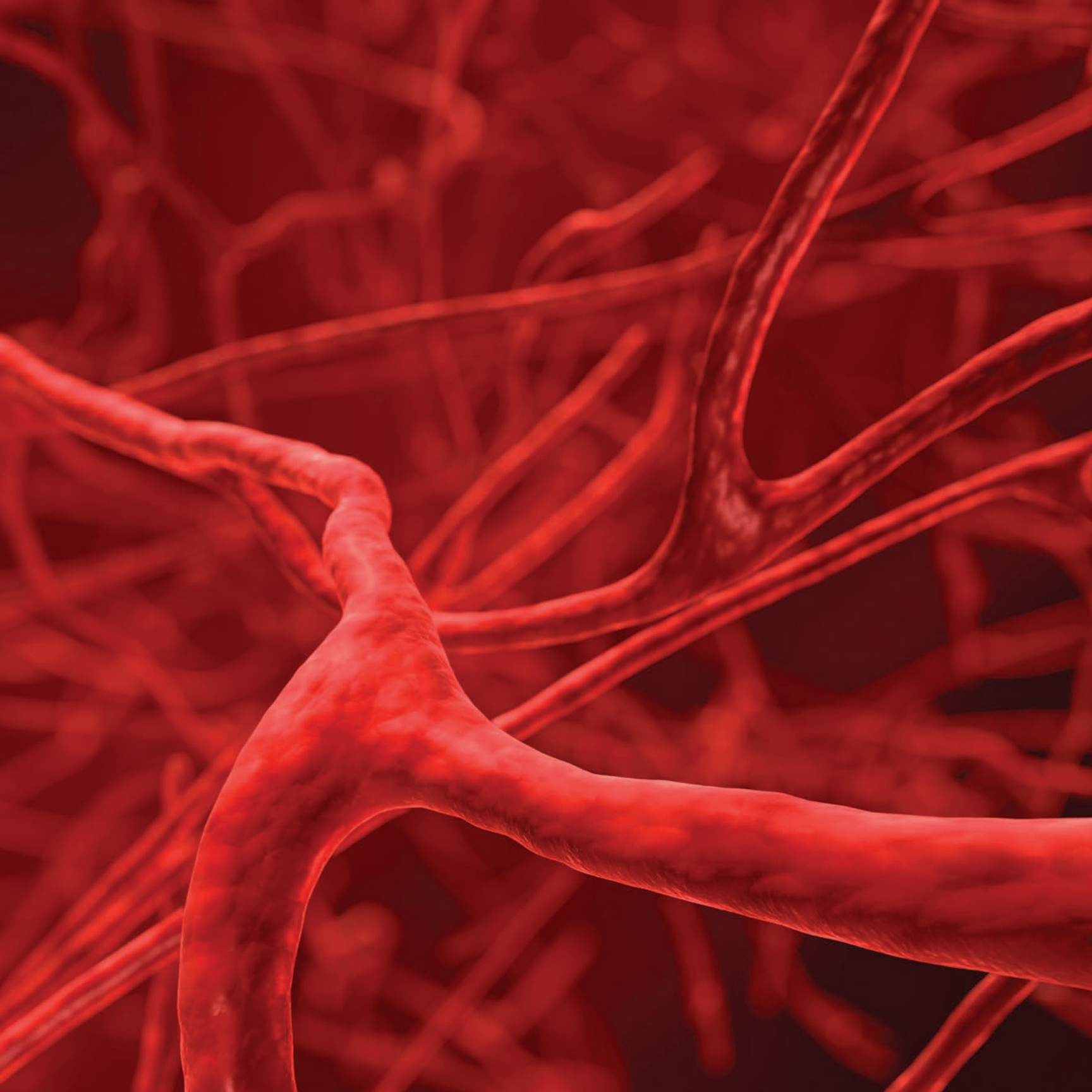| Stopcocks		
CATALOG NO.	DESCRIPTION	UNITS
041209001A	4-Way Stopcock with Male Luer Slip	25
041210002A	4-Way Stopcock with Male Luer Lock	25
041216000A	1-Way Stopcock with Male Luer Lock	25
041220001A	Double 4-Way Stopcock with Male Luer Lock	25
041240002A	4-Way Stopcock with Swivel Male Luer	25
041240104A	Elcam MRVLS Sampling Stopcock with Red Cap	25
041115002A	4-Way Stopcock with 6" (15cm) PVC Monitoring Line	25
041112002A	4-Way Stopcock with 12" (30cm) PVC Monitoring Line	25
041104002A	4-Way Stopcock with 48" (122cm) PVC Monitoring Line	25
041107002A	4-Way Stopcock with 84" (218cm) PVC Monitoring Line	25

Cardiac Output Bridges & Pole Mounted Manifolds

Cardiac Output Bridges		
CATALOG NO.	DESCRIPTION	UNITS
041400350A	In-Line Cardiac Output Bridge with 4-way Stopcock and Color Coded (PA & CVP) Ports	10
041400351A	Vertical Cardiac Output Bridge with 4-way Stopcock and Color Coded (PA & CVP) Ports	10
041400352A	In-Line Cardiac Output Bridge with 3-way Stopcock and Color Coded (PA & CVP) Ports	10

Manifolds - Pole Mounting		
CATALOG NO.	DESCRIPTION	UNITS
041273501A	3-Port Manifold, All Female Ports and Color Coded Handles	20
041275501A	5-Port Manifold, All Female Ports and Color Coded Handles	20
041278501A	5-Port Manifold, Female Ports (6) and Male Luer Lock end port	20

Monitoring Accessories

Luers, Adapters, Plugs, Holders, Brackets		
CATALOG NO.	DESCRIPTION	UNITS
040183000A	Double Female Luer Lock Adapter, Clear Polycarbonate	25
040184000A	Double Male Luer Lock Adapter, Clear Polycarbonate	25
041280000A	Rotating Adapter, Male L/L And Female L/L, Clear Polycarbonate	50
041281000A	Rotating Adapter, Double Male L/L, Clear Polycarbonate	50
041290000A	Zeroport Plug Male L/L With Extra Long Threads	100
041290001A	Male L/L Plug With Extension	100
041295000A	Male/Female L/L Plug	50

Arterial Lines

- **Arterial Catheter Mini-Kits**
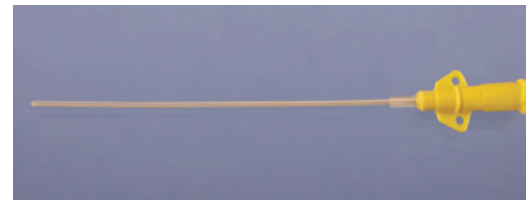- **Arterial Catheter Kits**
- **Arterial Catheter Trays**

ARGON
MEDICAL DEVICES

Arterial Lines

Arterial Catheter Mini-Kits

Arterial Catheter Mini-Kits					
CATALOG NO.	CATHETER	LENGTH	GUIDEWIRE DIAMETER/LENGTH	NEEDLE GAUGE/LENGTH	UNITS
498107	20G	3" (7.6cm)	.021" x 25cm	21G x 1" (2.5cm)	10
498101	20G	6" (15cm)	.021" x 40cm	21G x 2" (5.1cm)	10
498111	18G	3" (7.6cm)	.028" x 25cm	19G x 1.5" (3.8cm)	10
498105	18G	6" (15cm)	.028" x 40cm	19G x 2.25" (5.7cm)	10

Kit Contents
1 Radiopaque FEP Catheter With Female Luer Hub
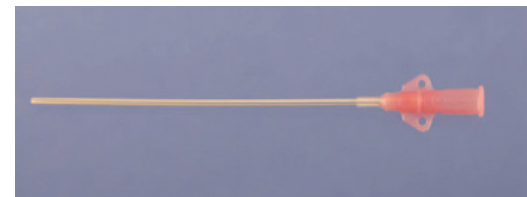1 Guidewire (FC/SS/ST)
1 Arterial Needle, Clear Flashback HUB

Arterial Catheter Kits

Arterial Catheter Kits					
CATALOG NO.	CATHETER	LENGTH	GUIDEWIRE DIAMETER/LENGTH	NEEDLE GAUGE/LENGTH	UNITS
498106	20G	3" (7.6cm)	.021" x 25cm	21G x 1" (2.5cm)	10
498100	20G	6" (15cm)	.021" x 40cm	21G x 2" (5.1cm)	10
498110	18G	3" (7.6cm)	.028" x 25cm	19G x 1.5" (3.8cm)	10
498104	18G	6" (15cm)	.028" x 40cm	19G x 2.25" (5.7cm)	10

Kit Contents
1 Disposable Towel
1 5cc Syringe
1 #11 Mini Scalpel
3 4" x 4" Gauze Sponges
1 9" (23cm) PVC Extension with Stopcock
1 Radiopaque FEP Catheter With Female Luer Hub
1 000 Silk Suture
1 Arterial Needle, Clear Flashback Hub
1 Guidewire (FC/SS/ST)

Arterial Catheter Trays

Arterial Catheter Tray					
CATALOG NO.	CATHETER	LENGTH	GUIDEWIRE DIAMETER/LENGTH	NEEDLE GAUGE/LENGTH	UNITS
498411B	20G	3" (7.6cm)	.021" x 25cm	21G x 1" (2.5cm)	10
498410B	20G	6" (15cm)	.021" x 40cm	21G x 2" (5.1cm)	10
498413A	18G	3" (7.6cm)	.028" x 25cm	19G x 1.5" (3.8cm)	10
498412B	18G	6" (15cm)	.028" x 40cm	19G x 2.25" (5.7cm)	10

Kit Contents
1 Fenestrated Drape 22" x 22" (56cm x 56cm) With Ripline
3 4" x 4" Gauze Sponges
4 2" x 2" Gauze Sponges
1 Povidone/Iodine Ointment
1 000 Silk Suture
1 5cc Ampule 1% Lidocaine HCL
1 #11 Mini Scalpel
1 Radiopaque FEP Catheter With Female Luer Hub
1 Arterial Needle, Clear Flashback Hub
1 5cc Syringe
1 Guidewire (FC/SS/3mm J & ST)
1 25G x 5/8" (1.6cm) Needle
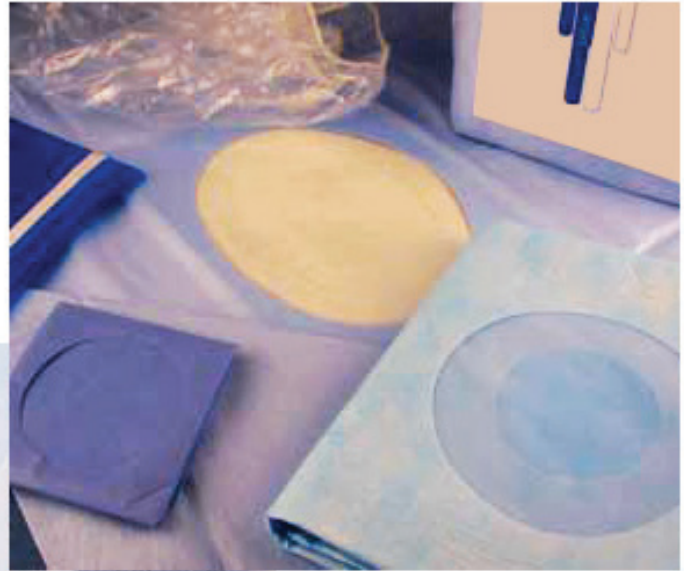
Drapes & Covers

- Specialty Drapes
- Angiography Drapes
- Equipment Covers

ARGON
MEDICAL DEVICES

Drapes & Covers

Specialty Drapes

CATALOG NO.	DESCRIPTION	MATERIAL	LENGTH	ABSORBENT PAD	FENESTRATIONS	TRANSPARENT AREA	UNITS
397100	EPD Pacing Drape	Poly	75" x 125" (191cm x 318cm)	22" x 125" (56cm x 318cm)	6" x 6.75" (15cm x 17cm)	22" x 125" (56cm x 318cm)	20
397201	Pacing Drape	SMS	77" x 125" (195cm x 318cm)	32" x 44" (81cm x 112cm)	6" x 6.75" (15cm x 17cm)		20
397101	EPD Pacing Drape - Long	Poly	75" x 150" (191cm x 400cm)	22" x 150" (56cm x 400cm)	6" x 6.75" (15cm x 17cm)	22" x 125" (56cm x 318cm)	20
396260	General Purpose Utility Drape	SMS	40" x 60" (101cm x 152cm)	32" x 34" (81cm x 86cm)	6.5" x 9" (16cm x 23cm)		20
396204	Brachial/Axillary/Cerebral Drape	SMS	38.5" x 60" (98cm x 152cm)	32" x 34" (81cm x 86cm)	3.5" (9cm)		20
396302	Minor Procedure Drape with Ripline	SMS	22" x 22" (56cm x 56cm)		3.5" (9cm)		10
396303	Heart Biopsy Drape with Facial Port	SMS	77" x 100" (195cm x 254cm)	32" x 34" (81cm x 86cm)	3.5" (9cm)		20
396301	Special Procedure	Poly	32" x 34" (81cm x 86cm)	32" x 34" (81cm x 86cm)	3.5" (9cm)		20

Angiography Drapes

CATALOG NO.	DESCRIPTION	MATERIAL	LENGTH	ABSORBENT PAD	FENESTRATIONS	TRANSPARENT AREA	UNITS
396201	Angio Drape PK /1 - Adult	SMS	77" x 125" (195cm x 317cm)	32" x 44" (81cm x 112cm)	5.5" (14cm)	None	20
396225	Angio Drape PK /25 - Adult	SMS	77" x 110" (195cm x 279cm)	32" x 34" (81cm x 86cm)	5.5" (14cm)	22" x 47" (56cm x 119cm)	20
396208	Angio Drape PK /8 - Adult	SMS	77" x 110" (195cm x 279cm)	32" x 34" (81cm x 86cm)	5.5" (14cm)	22" x 110" (56cm x 279cm)	20
396319	Angio Drape PK /19 - Adult	SMS	84" x 125" (213cm x 318cm)	32" x 50" (81cm x 127cm)	5.5" (14cm)	22" x 125" (56cm x 318cm)	20
396100	EPD Angio Drape - Adult	Poly	75" x 125" (191cm x 318cm)	22" x 125" (56cm x 318cm)	6" (15cm)	22" x 125" (56cm x 318cm)	20
396110	EPD Basic Pad Drape - Adult	Poly	75" x 125" (191cm x 318cm)	22" x 125" (56cm x 318cm)	6" (15cm)	22" x 125" (56cm x 318cm)	20
396101	EPD Angio Drape - Neonatal	Poly	75" x 125" (191cm x 318cm)	22" x 125" (56cm x 318cm)	2" (5cm)	22" x 125" (56cm x 318cm)	20
396102	EPD Angio Drape - Pediatric	Poly	75" x 125" (191cm x 318cm)	22" x 125" (56cm x 318cm)	3" (8cm)	22" x 125" (56cm x 318cm)	20

Equipment Covers

CATALOG NO.	DESCRIPTION	WIDTH X HEIGHT	FEATURES	UNITS
396223	Bag Type with Elastic Band	20" x 12" (51cm x 30cm)	With Corners	20
396222	Bag Type with Elastic Band	30" x 17" (76cm x 43cm)	With Corners	20
396003	Bag Type with Elastic Band	30" x 36" (76cm x 91cm)	With Corners	20
396221	Bag Type with Elastic Band	36" x 20" (91cm x 51cm)	With Corners	20
396215	Bag Type with Elastic Band	36" x 28" (91cm x 71cm)	With Corners	20
396005	Bag Type with Elastic Band	36" x 36" (91cm x 91cm)	With Corners	20
396007	Bag Type with Elastic Band	42" x 38" (107cm x 96cm)	With Corners	20
396009	Bag Type with Elastic Band	48" x 36" (122cm x 91cm)	With Corners	20
396011	Dome Style with Elastic Band	14" Depth (35cm)		20
396012	Dome Style with Elastic Band	18" Depth (46cm)		20
396013	Dome Style with Elastic Band	22" Depth (56cm)		20
396397	Dome Style with Elastic Band	27" Depth (69cm)		20
396210	Fluoroscope Cover	36" x 44" (91cm x 111cm)	Adhesive on four sides	10
396348	Back Stand Table Cover	44" x 76" (111cm x 193cm)		10

Ordering Information

All orders should be placed 7am - 5pm CST weekdays, excluding holidays at:

Phone: 800.927.4669 Fax: 903.677.9396
E-Mail: customer.service@argonmedical.com

Terms of Sale

Net 30 days. Normal ground delivery of 5 - 7 business days. Handling fee of $4 USD will be assessed for processing each shipment. Shipments are invoiced at the time the shipment leaves Argon's facility and ownership of all products is considered transferred at this time. Prices are subject to change without notice.

Invoice Billing

Invoice payments must be remitted per terms. Cash discounts are not allowed on any portion of the invoice. Payments can be mailed to:

Argon Medical Devices, Inc.
P.O. Box 677482, Dallas, TX 75267-7482 USA

Any disputed items should be explained by forwarding information with remittance or documentation mailed to:

Argon Medical Devices
Attn: AR Department
1445 Flat Creek Road, Athens, TX 75751 USA

Balances remaining unpaid at the due date are subject to a finance charge of 1 1/2% per month or the highest rate permitted by law, whichever is lower, until paid. Any discounts or credits will be applied against delinquent balances before reimbursement is made. If payments become more than sixty (60) days in arrears and it becomes necessary for Argon to solicit outside help in order to collect, the customer agrees to pay all valid, reasonable attorney and/or collection fees.

Product Return Policy

Before an Argon product is returned for credit consideration, approval for the return must be obtained. Authorization of return can be requested by contacting Customer Service. Upon approval of the return, customer service will provide an authorization number.

Return Goods, QA/RA

Please only return full box quantifies. The following information must be provided with the return before credit can be considered:

- The Argon Return Goods Authorization number
- Customer purchase order number
- Argon invoice number
- Lot or serial number of each item being returned
- The date the returned merchandise was shipped by Argon
- The quantity shipped
- The catalog number

Credit Policy for Unused Products

Full credit will be given for merchandise shipped in error by Argon and merchandise returned at the request of Argon. Other unused product returns may receive full credit less a 20% service charge of the billed price (merchandise returned in resalable condition within 90 days after shipping date). Merchandise that will not be considered for credit includes:

- Merchandise returned without proper authorization documentation
- Merchandise not in the original sealed package or other Argon standard packaging
- Merchandise not in resalable condition, as determined by Argon upon receipt
- Custom products
- Merchandise held by the customer for more than 90 days

Performance Guarantee

On first time orders only, if the customer is not satisfied after using an Argon product, and if the product is returned within ninety (90) days from the date of invoice, the customer may receive a full refund for the entire order of the product.

Standing Orders

Argon accepts standing orders on most products. This convenience provides you with the scheduled shipments using a single purchase order. Contact Argon Customer Service for more information.

Non-Warranty Repair Service on Pro-Mag™ Ultra Biopsy Instrument

Non-warranty repair will be provided for a service fee which will cover the replacement or repair of the broken parts and reconditioning of the Pro-Mag™ Biopsy Instruments. For service, contact: *Argon Customer Service at 800.927.4669.*

96-6400-11/0517B

ARGON
MEDICAL DEVICES

1445 FLAT CREEK ROAD
ATHENS, TEXAS 75751 USA
CUSTOMER SERVICE: 800.927.4669
FAX: 903.677.9396

96-6400-11/0517B