Interventional Products

Angiotech®
Interventional

Angiotech SA is in charge of distributing all Angiotech products within radiology, biopsy, oncology, and vascular to markets within Europe, Middle East, North Africa, and Asia; either ourselves or through carefully selected distributors in these areas. You will find a complete list of our distributors at www.angioedupro.com

All Angiotech manufacturing facilities are certified in accordance with ISO 13485 and are registered with the USA FDA.
All Angiotech products sold in the European Union are in complaince with The Medical Device Directive 93/42/EEC.

Angiotech

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Interventional Radiology from Angiotech®

We have categorized our radiology assortment under these headlines:

- Vascular
- Guidewires
- Drainage
- Accessories
- Biopsy
- Mammography
- Special Radiology

Our deep and wide assortment of radiology products has been developed through a long co-operation with leading radiologists and ultrasound specialists.

Who we are

Angiotech SA is a company in the international Angiotech Group, headquartered in Canada, Vancouver. Our broad portfolio of clinical products is widely accepted by interventional radiologists, urologists, oncologists and gastroenterologists.

Angiotech is a global specialty pharmaceutical and medical device company that discovers, develops, and markets innovative technologies and medical products primarily for local diseases or for complications associated with medical device implants, surgical interventions, and acute injury. Our portfolio of intellectual property includes over 150 issued U.S. patents and 185 pending U.S. patent applications as of October 2006.

When Angiotech acquired Surgical Specialties and InterV in the first quarter of 2006 (as part of American Medical Instruments Holdings Inc.), we were able to bring together their strong sales, marketing and manufacturing capabilities in the medical device field and combine these assets with our strength as an innovative, highly-successful R&D company.

We have well trained product specialists who can present and advise you as well as train your staff in using our products. Read more about our full range and worldwide contact information at www.angiotech.com or www.angioedupro.com

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Vascular

Hem◉Stream

The HemoStream® Chronic Dialysis Catheter features a unique independent triple arterial lumen design which offers unsurpassed patency while the 360 degree tip configuration prevents side walling of the vessel during aspiration.

Hemostream® Standard Kit   Box of 1

32101524	15.5F x 24 cm catheter
32101528	15.5F x 28 cm catheter
32101532	15.5F x 32 cm catheter
32101536	15.5F x 36 cm catheter
32101540	15.5F x 40 cm catheter

A: Three inflow lumens (arterial)
B: One outflow lumen (venous)

Hemostream® Exchange Kit   Box of 5

32001524	15.5F x 24 cm catheter
32001528	15.5F x 28 cm catheter
32001532	15.5F x 32 cm catheter
32001536	15.5F x 36 cm catheter
32001540	15.5F x 40 cm catheter
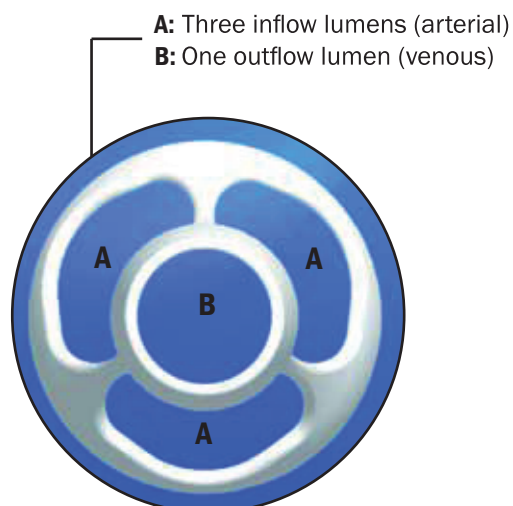
Patented Independent Triple Arterial Lumen Design:
Ensures adequate flow rates even when two lumens are completely occluded

Smooth Tip Transition:
Provides atraumatic over-the-wire insertion without the need for a peel-away sheath

360 Degree Arterial Tip Configuration:
Eliminates catheter "side-walling" against vessel wall

Designed by:

REX MEDICAL

8

V+Pad™ Non-Invasive Hemostasis Pad

The V+Pad™ Non-Invasive Hemostasis Pad is a hydrophilic wound dressing intended for use in the local management of bleeding wounds such as vascular access sites, percutaneous catheters or tubes, surgical debridement and lacerations. V+Pad™ promotes rapid control of bleeding in patients on anticoagulation therapy. The V+Pad is easily administered by a physician, nurse or technician and provides a safe, time-saving alternative to mechanical or conventional compression methods – while providing patient safety and comfort.

- Safe, effective, adjunct to manual compression in Endovascular Procedures.
- V+Pad reduces hold times and allows for early ambulation versus manual compression alone.
- Controls persistent bleeding at central venous and arterial catheter sites, and may be cut for easy placement around vascular access catheters.
- Non-invasive, rapid hemostasis.
- Cost effective alternative to invasive closure devices.
- Easily applied by physician, nurse or technician.

V+Pad™   *Box of 10*

3935   V+Pad™ Non-Invasive Hemostasis Pad   Approx. 45 x 45 mm

V+Pad™

Because Time Is Critical

Golden Rule® Scaling Catheters

The Golden Rule® Scaling Catheter is used to determine accurate sizing of vessel lumen prior to aortic graft placement, angioplasty, and other interventional procedures.

- Gold, radiopaque bands placed at precise 1 cm intervals.
- Pigtail catheter with 21 gold radiopaque bands, enable accurate measurement up to 20 cm.
- Straight catheter with 11 gold radiopaque bands, enable accurate measurement up to 10 cm.
- Allows high pressure injections.
- Accepts .035˝ guidewire.

Golden Rule® Scaling Catheter   *Box of 5*

3528 05 090   5F x 90 cm, Pigtail catheter with 21 gold rings, 6 side holes, accepts .035˝ (0.89 mm) guidewire, max pressure 1200 psi

3529 05 065   5F x 65 cm, Straight catheter with 11 gold rings, 10 side holes, accepts .035˝ (0.89 mm) guidewire,

Vena Stick™ Set

Vena Stick™ Vascular Access Set for placement of .035˝ and .038˝ guidewires into the vascular system using fine needle access to reduce puncture site and vessel trauma.

- 21G entry needle with echogenic tip. Echogenic needle tip identifies the needle tip position within the vessel during ultrasound imaging.
- .018˝ nitinol guidewire, with malleable radiopaque tip, provides 1:1 torque control and kink-resistance for negotiating through tortuous anatomy. Smooth transition from nitinol core to hydrophilic coated.
- Radiopaque tip provides excellent manoeuvrability.
- Vena-Stick™ features a smooth transition from inner dilator to the outer sheath.
- Multiple sizes offer clinical flexibility.

The short needle version is a fine needle introducer set consisting of 21G needle x 3.8 cm, .018" radiopaque tip nitinol guidewire x 50 cm, coaxial inner dilator accepting .018" guidewire and outer dilator 10 cm long accepting .038" guidewire.

The short needle version is used for venous or arterial puncture and tissue dilation.

Vena Stick™ Set   *Box of 10*

3902 04 300   4F x 10 cm co-axial introducer, 21G (0.8 mm) x 7 cm puncture needle, .018˝ (0.46 mm) nitinol guidewire x 50 cm

3902 05 300   5F x 10 cm co-axial introducer, 21G (0.8 mm) x 7 cm puncture needle, .018˝ (0.46 mm) nitinol guidewire x 50 cm

Vena Stick™ Short Needle Version   *Box of 10*

3902 04 400   4F x 10 cm co-axial introducer, 21G (0.8 mm) x 3.8 cm puncture needle, .018˝ (0.46 mm) nitinol guidewire x 50 cm

3902

DSA Flush Catheters

3530

3500   *3501*
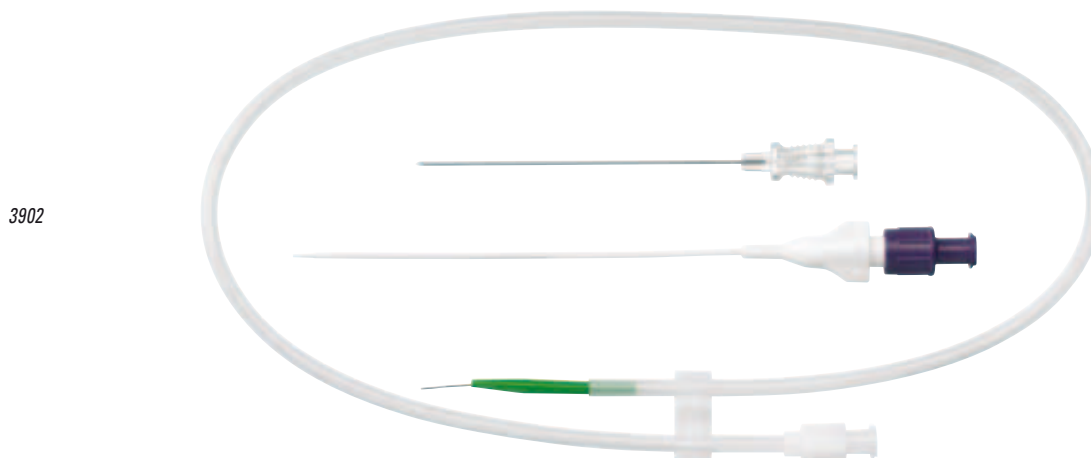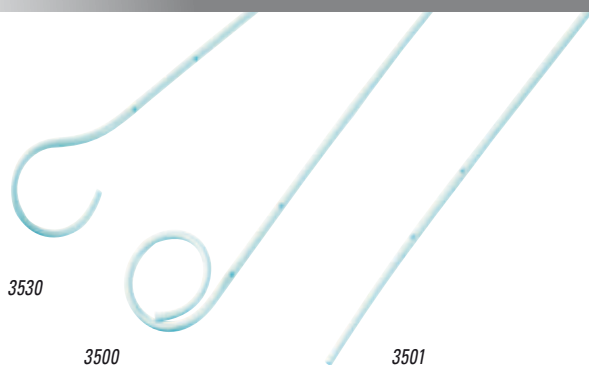
Radiopaque Flush Catheter with winged hub and a strain relief. Pigtail and Racket type catheters are supplied with removable split straighteners.

- Thin wall construction for large internal lumen to ensure high flow rate.
- Winged hub and strain relief improves catheter manipulation.

DSA Flush Catheter • Pigtail   *Box of 10*

3500 04 065   4F x 65 cm, 8 side holes, flow rate 18 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1000 psi

3500 04 090   4F x 90 cm, 8 side holes, flow rate 16 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1000 psi

3500 05 065   5F x 65 cm, 8 side holes, flow rate 29 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1200 psi

3500 05 090   5F x 90 cm, 8 side holes, flow rate 28 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1200 psi

DSA Flush Catheter • Straight   *Box of 10*

3501 04 065   4F x 65 cm, 10 side holes, flow rate 18 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1000 psi

3501 04 090   4F x 90 cm, 10 side holes, flow rate 16 ml/sec, accepts .035˝ .035˝ (0.89 mm) guidewire, max pressure 1000 psi

3501 05 065   5F x 65 cm, 10 side holes, flow rate 29 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1200 psi

3501 05 090   5F x 90 cm, 10 side holes, flow rate 28 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1200 psi

DSA Flush Catheter • Racket   *Box of 10*

3530 04 065   4F x 65 cm, 8 side holes, flow rate 18 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1000 psi

3530 05 065   5F x 65 cm, 8 side holes, flow rate 29 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1200 psi

3530 05 090   5F x 90 cm, 8 side holes, flow rate 28 ml/sec, accepts .035˝ (0.89 mm) guidewire, max pressure 1200 psi

Guidewire Introducer Needles

Guidewire Introducer Needles

- Designed for anterior, single wall, arterial percutaneous puncture.
- Funneled (tapered) luer hub allows trouble-free guidewire insertion.
- Available with a clear window wall hub.
- Also available with winged base plate.

Seldinger Needles

- Designed for easy, atraumatic, percutaneous arterial puncture.
- Colour coded stylet.

Modified Potts/Cournand Needle

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

GWIxxxxWW

BGWI

SN

Window Wall Introducer	*Box of 25*
GWI1902WW	19G (1.0 mm) x 7 cm, accepts guidewire .035˝ (0.89 mm)
GWI1802WW	18G (1.2 mm) x 7 cm, accepts guidewire .038˝ (0.97 mm)

Winged Introducer	*Box of 25*
BGWI1902	19G (1.0 mm) x 7 cm, accepts guidewire .035˝ (0.89 mm)
BGWI1802	18G (1.2 mm) x 7 cm, accepts guidewire .038˝ (0.97 mm)

Introducer Needle	*Box of 25*
GWI1902	19G (1.0 mm) x 7 cm, accepts guidewire .035˝ (0.89 mm)
GWI1802	18G (1.2 mm) x 7 cm, accepts guidewire .038˝ (0.97 mm)

Seldinger Needle	*Box of 25*
SN1902	19G (1.0 mm) x 7 cm, accepts guidewire .035˝ (0.89 mm)
SN1802	18G (1.2 mm) x 7 cm, accepts guidewire .038˝ (0.97 mm)

Connecting Tubes – High Pressure

Non-leaking connection to standard luer lock connections

- Standard luer lock connections with or without stopcock.
- Rotational connecting part.

Box of 25

4037 11 025	25 cm female-rotating male luer lock, co-extruded tubing, max pressure 1000 psi
4037 11 060	60 cm female-rotating male luer lock, co-extruded tubing, max pressure 1000 psi
4037 11 100	100 cm female-rotating male luer lock, co-extruded tubing, max pressure 1000 psi
4037 11 120	120 cm female-rotating male luer lock, co-extruded tubing, max pressure 1000 psi
8010 00 102	One way stopcock, max pressure 1000 psi

4030 07

4037 11

8010

Vascular Dilators

Radiopaque polyethylene dilators feature smooth rounded tips with gradual tapering facilitating tissue penetration.

- Perfect tapering improves tissue penetration.
- Luer lock hub for contrast injection and guidewire exchange.
- Radiopaque for fluoroscopic visualisation.

610X

Vascular Dilators	*Box of 10*
6104 35 020	4F x 20 cm, accepts guidewire .035˝ (0.89 mm)
6105 35 020	5F x 20 cm, accepts guidewire .035˝ (0.89 mm)
6105 38 020	5F x 20 cm, accepts guidewire .038˝ (0.97 mm)
6106 35 020	6F x 20 cm, accepts guidewire .035˝ (0.89 mm)
6106 38 020	6F x 20 cm, accepts guidewire .038˝ (0.97 mm)
6107 35 020	7F x 20 cm, accepts guidewire .035˝ (0.89 mm)
6107 38 020	7F x 20 cm, accepts guidewire .038˝ (0.97 mm)
6108 35 020	8F x 20 cm, accepts guidewire .035˝ (0.89 mm)
6108 38 020	8F x 20 cm, accepts guidewire .038˝ (0.97 mm)

G

uidewires

Bench test results of CanaliZer®

Stiffness

The stiffness of Standard version is measured by placing the guidewire over 2 trestles 40 mm apart. The columns illustrate the power needed to bend the guidewire 5 mm
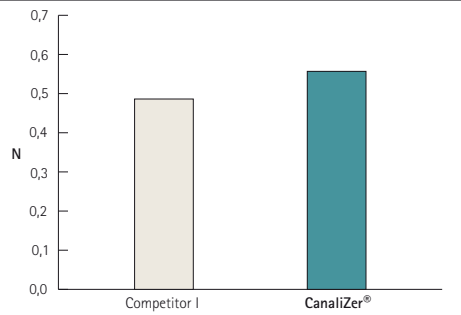
Stop slip effect

Power needed to activate the guidewire after not being moved for 15 seconds
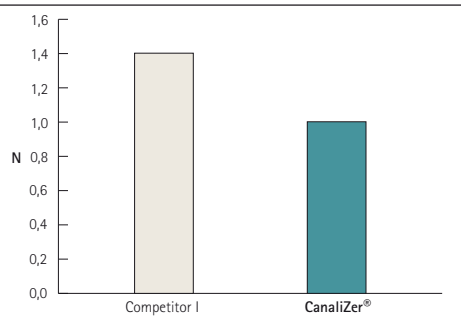
Dynamic friction

Power needed to activate the guidewire after not being moved for 15 seconds and to keep it moving in an obstacle measured after 25, 50, 75, 100, 150 and 200 mm
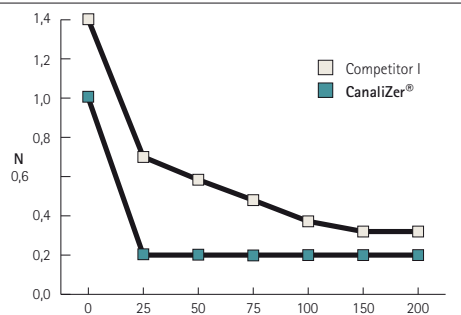
Durability of hydrophilic coating

Durability of coating tested after 90 minutes in saline and measurement of friction after 1, 10, 20 and 30 tests
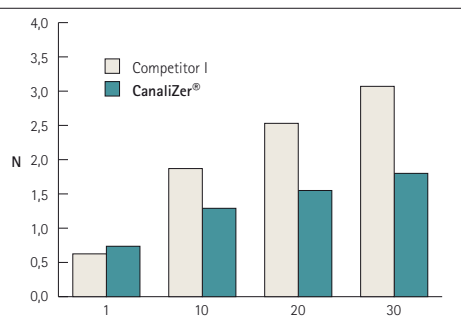
You will benefit from ...

- A hydrophilic polyurethane covered nitinol guidewire.

- A super elastic nitinol core covered with a highly radio paque polyurethane sleeve and an excellent hydrophilic coating.

- A quick fluoroscopic check during procedure, due to a maximal radiopacity.

- A pre-angled and very durable tip which secures stability during long term manoeuvrability.

- A super elastic nitinol core which offers kink-resistance and atraumatic path finding due to 1:1 torque and an outstanding coating.

- A coating that does not dry out and feels less sticky.
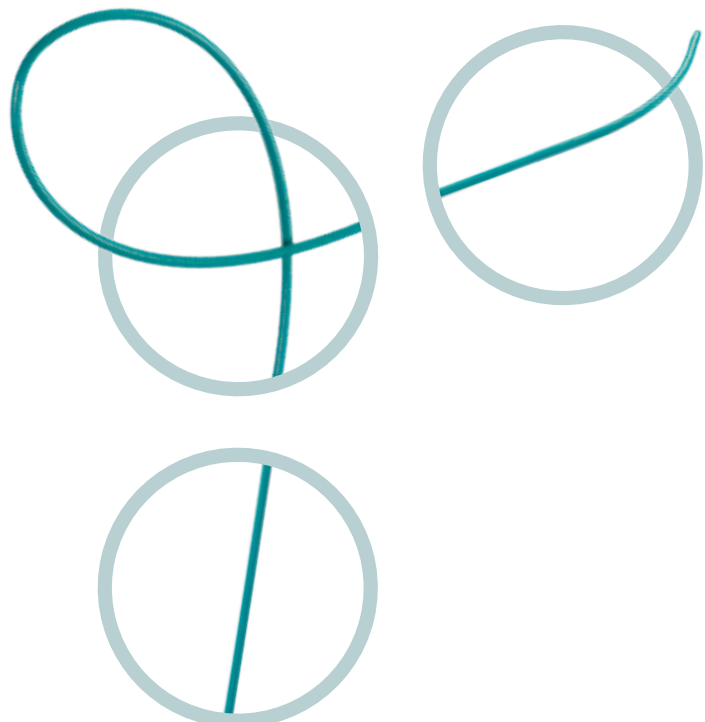
A super elastic nitinol core covered with a highly radiopaque poly-urethane sleeve and an excellent hydrophilic coating.

- Maximal radiopacity secures a quick fluoroscopic check during procedure.
- The coating does not dry out and feels less sticky.
- The super elastic nitinol core offers kink resistance and atraumatic path finding due to 1:1 torque and an outstanding coating.
- Colour-coded curve straightener for easy introduction.
- The tip is pre-angled and very durable, which secures stability during long term manoeuvrability.

1251/1290

1276/1297

All CanaliZer® guidewires
(straight and angled)
have a soft tip.
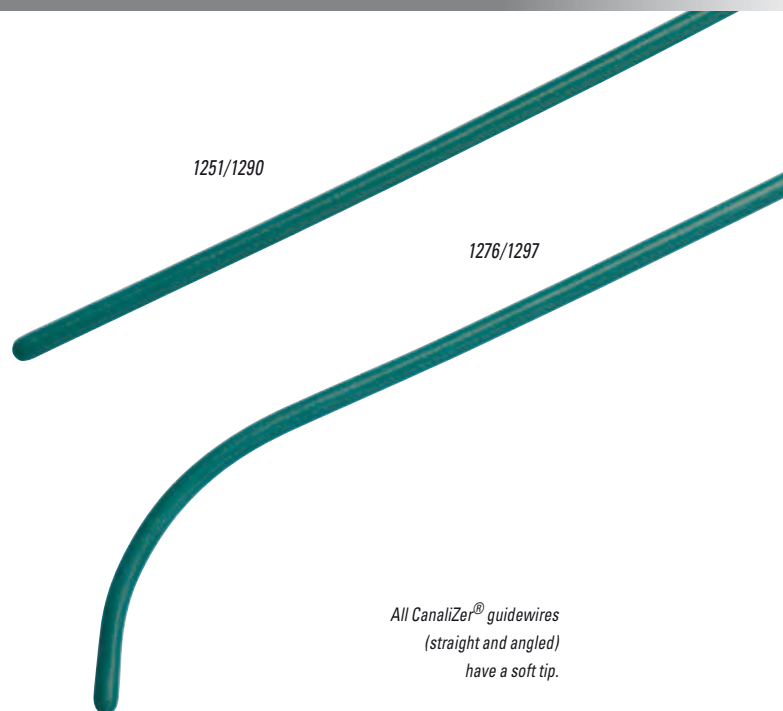
Box of 5

STANDARD CORE

Catalogue no.	Diameter	Tip length	Length	Tip configuration
125135150	.035"/0.89 mm	3 cm	150 cm	Straight
125135180	.035"/0.89 mm	3 cm	180 cm	Straight
125135260	.035"/0.89 mm	3 cm	260 cm	Straight
127635080	.035"/0.89 mm	3 cm	80 cm	Angled
127635150	.035"/0.89 mm	3 cm	150 cm	Angled
127635180	.035"/0.89 mm	3 cm	180 cm	Angled
127635260	.035"/0.89 mm	3 cm	260 cm	Angled
126835150	.035"/0.89 mm	8 cm	150 cm	Angled

.035"

Box of 5

STIFF CORE

Catalogue no.	Diameter	Tip length	Length	Tip configuration
129035150	.035"/0.89 mm	3 cm	150 cm	Straight
129035180	.035"/0.89 mm	3 cm	180 cm	Straight
129035260	.035"/0.89 mm	3 cm	260 cm	Straight
129735080	.035"/0.89 mm	3 cm	80 cm	Angled
129735150	.035"/0.89 mm	3 cm	150 cm	Angled
129735180	.035"/0.89 mm	3 cm	180 cm	Angled
129735260	.035"/0.89 mm	3 cm	260 cm	Angled
128535150	.035"/0.89 mm	5 cm	150 cm	Straight
129535150	.035"/0.89 mm	5 cm	150 cm	Angled
129535260	.035"/0.89 mm	5 cm	260 cm	Angled

.035"

POINTER® Nitinol Guidewire

Flexibility and stability, strength and malleability all in one wire – available in two sizes: .018˝ and .020˝

- Excellent visibility through highly radiopaque coil tip.
- Smooth transition from nitinol core to hydrophilic coated radiopaque tip provides excellent manoeuvrability.
- HYDROFEEL® hydrophilic coating on tip for less traumatic path finding/advancement.
- PTFE coated nitinol shaft for minimal friction during introduction and manipulation.
- Nitinol shaft construction provides 1:1 torque control and kink-resistance for negotiating through tortuous anatomy.

POINTER® Nitinol Guidewire • 4 cm flexible coil   *Box of 5*

1804 18 210	.018˝ (0.46 mm) x 210 cm
1804 18 260	.018˝ (0.46 mm) x 260 cm
1804 18 300	.018˝ (0.46 mm) x 300 cm
1804 20 210	.020˝ (0.49 mm) x 210 cm
1804 20 300	.020˝ (0.49 mm) x 300 cm

POINTER® Nitinol Guidewire • 6 cm flexible coil   *Box of 5*

1806 20 210	.020˝ (0.49 mm) x 210 cm
1806 20 300	.020˝ (0.49 mm) x 300 cm

Lunderquist Stainless Steel Guidewires

The Lunderquist Guidewire is an extremely stiff guidewire used to provide extra support during non-vascular procedures. Flexible tip for access to delicate or difficult areas.

- Lunderquist guidewire for firm support.
- Available in a variety of lengths and tip configurations.

1051

1052

Lunderquist Stainless Steel Guidewire • Straight   *Box of 10*

1051 28 082	.028˝ (0.71 mm) x 82 cm, 7.5 cm flexible coil
1051 35 082	.035˝ (0.89 mm) x 82 cm, 7.5 cm flexible coil
1051 35 120	.035˝ (0.89 mm) x 120 cm, 7.5 cm flexible coil

Lunderquist Stainless Steel Guidewire • 3 mm J Curve *Box of 10*

1052 28 082	.028˝ (0.71 mm) x 82 cm, 7.5 cm flexible coil
1052 35 082	.035˝ (0.89 mm) x 82 cm, 7.5 cm flexible coil
1052 35 120	.035˝ (0.89 mm) x 120 cm, 7.5 cm flexible coil
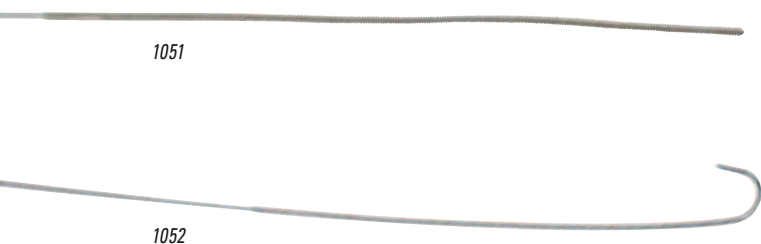
WORKER® Guidewires

WORKER® guidewires are manufactured with a pre-coating technique offering a safe and flexible guidewire.

The PTFE coating used is the latest formula resulting in low friction. All guidewires are packed in a circular dispenser facilitating easy flushing of the guidewire.

- Low friction due to PTFE coating.
- Malleable tip.
- Colour coded guidewire straightener locks the wire in the dispenser and provides easy introduction in the puncture needle or catheter.
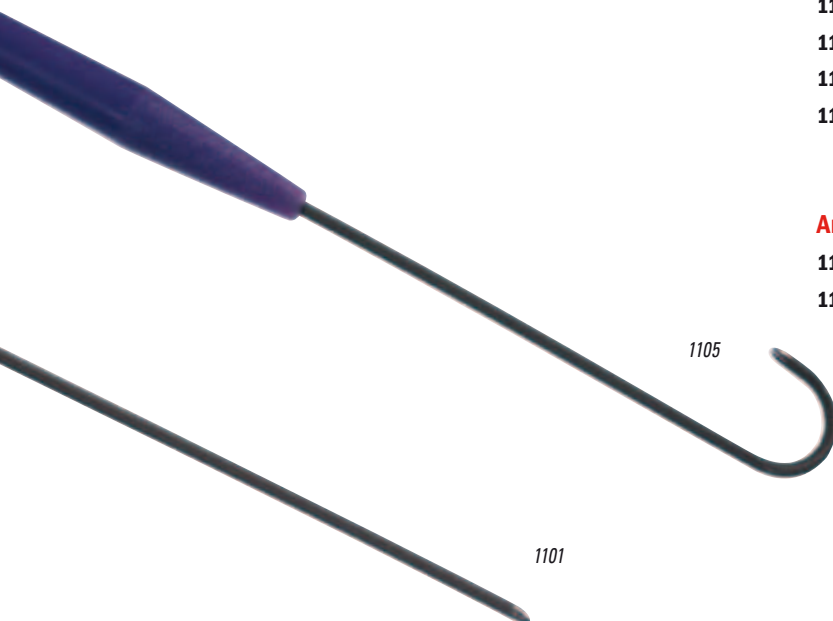
Standard • Straight, with fixed core   *Box of 10*

1101 35 150	.035˝ (0.89 mm) x 150 cm, 3.5 cm soft tip
1101 38 150	.038˝ (0.97 mm) x 150 cm, 3.5 cm soft tip

Standard • with J Curve, fixed core   *Box of 10*

1105 35 150	.035˝ (0.89 mm) x 150 cm, 3 mm J 3.5 cm soft tip
1105 38 150	.038˝ (0.97 mm) x 150 cm, 3 mm J 3.5 cm soft tip

Amplatz • Straight   *Box of 10*

1140 35 090	.035˝ (0.89 mm) x 90 cm, 7.5 cm soft tip
1140 35 150	.035˝ (0.89 mm) x 150 cm, 7.5 cm soft tip
1140 35 180	.035˝ (0.89 mm) x 180 cm, 7.5 cm soft tip
1141 35 080	.035˝ (0.89 mm) x 80 cm, 3.5 cm soft tip
1141 35 150	.035˝ (0.89 mm) x 150 cm, 3.5 cm soft tip
1141 35 180	.035˝ (0.89 mm) x 180 cm, 3.5 cm soft tip

Amplatz • 3 mm J Curve   *Box of 10*

1142 35 090	.035˝ (0.89 mm) x 90 cm, 3 mm J 7.5 cm soft tip
1142 35 150	.035˝ (0.89 mm) x 150 cm, 3 mm J 7.5 cm soft tip

1105

1101

Access Guidewires

.018 Nitonol Access Guidewire   *Box of 5*

1726 18 080   .018˝ (0.46 mm) x 80 cm, 6.5 cm radiopaque coil tip

.018 Access Guidewire • Stainless Steel Shaft   *Box of 5*

1070 18 080   .018˝ (0.46 mm) x 80 cm, 6.5 cm radiopaque coil tip

Access Guidewires

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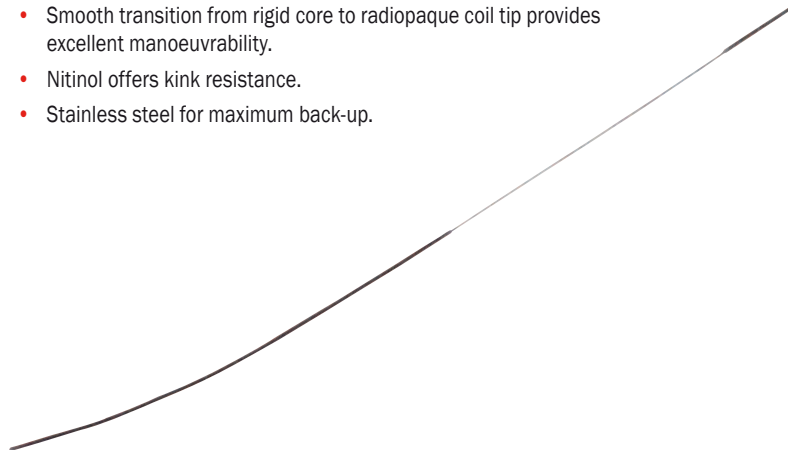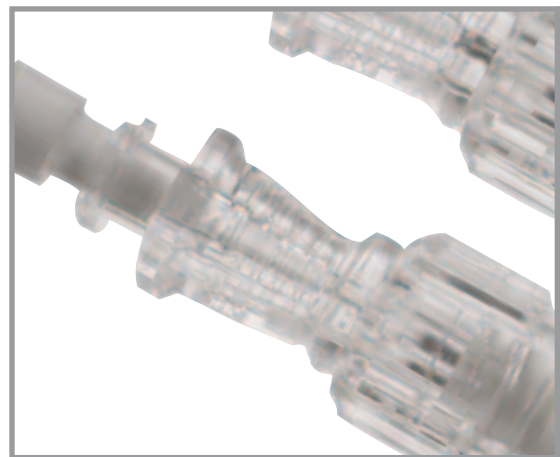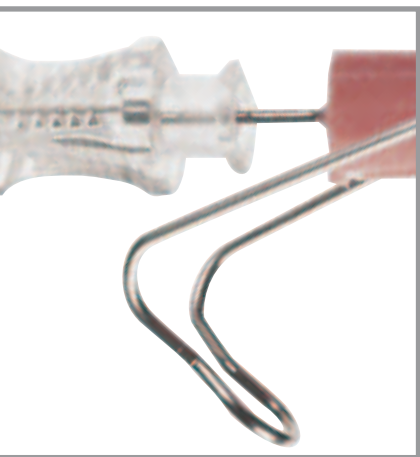
Drainage

SKATER® Single Step Drainage Sets
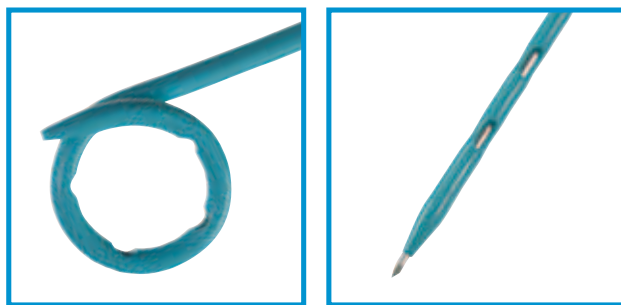
SKATER® catheter with Choice Lock is suitable for a variety of applications. Single step procedures are simple and safe with this unique catheter. The catheter is coated with HYDROFEEL® hydrophilic coating for minimal friction during insertion.

- Choice Lock needle for single handed release of stylet.
- Soft polyurethane for optimal kink resistance and perfect configuration memory and HYDROFEEL® coating for easy insertion.
- Large oval drainage holes and large lumen designed for maximal drainage capacity.
- Minimal tissue trauma and ulcerations reduce patient discomfort.
- With locking or non-locking pigtail.

7565

SKATER® Single Step Drainage Set with locking pigtail
Box of 5

7565 06 020	6F x 20 cm, 19G (1.0 mm) trocar accepts guidewire .035˝ (0.89 mm)
7565 06 025	6F x 25 cm, 19G (1.0 mm) trocar accepts guidewire .035˝ (0.89 mm)
7565 07 020	7F x 20 cm, 18G (1.2 mm) trocar accepts guidewire .035˝ (0.89 mm)
7565 07 025	7F x 25 cm, 18G (1.2 mm) trocar accepts guidewire .035˝ (0.89 mm)
7565 08 020	8F x 20 cm, 17G (1.4 mm) trocar accepts guidewire .038˝ (0.97 mm)
7565 08 025	8F x 25 cm, 17G (1.4 mm) trocar accepts guidewire .038˝ (0.97 mm)
7565 10 020	10F x 20 cm, 17G (1.4 mm) trocar accepts guidewire .038˝ (0.97 mm)
7565 10 025	10F x 25 cm, 17G (1.4 mm) trocar accepts guidewire .038˝ (0.97 mm)
7565 12 020	12F x 20 cm, 17G (1.4 mm) trocar accepts guidewire .038˝ (0.97 mm)
7565 12 025	12F x 25 cm, 17G (1.4 mm) trocar accepts guidewire .038˝ (0.97 mm)
7565 14 020	14F x 20 cm, 14G (2.0 mm) trocar accepts guidewire .038˝ (0.97 mm)
7565 14 025	14F x 25 cm, 14G (2.0 mm) trocar accepts guidewire .038˝ (0.97 mm)
7565 16 025	16F x 25 cm, 14G (2.0 mm) trocar recommended guidewire .038˝ (0.97 mm)

SKATER® Single Step Drainage Set with non-locking pigtail
Box of 5

7560 06 020	6F x 20 cm, 19G (1.0 mm) trocar, accepts guidewire .035˝ (0.89 mm)
7560 06025	6F x 25 cm, 19G (1.0 mm) trocar, accepts guidewire .035˝ (0.89 mm)
7560 07 020	7F x 20 cm, 18G (1.2 mm) trocar, accepts guidewire .035˝ (0.89 mm)
7560 07 025	7F x 25 cm, 18G (1.2 mm) trocar, accepts guidewire .035˝ (0.89 mm)
7560 08 020	8F x 20 cm, 17G (1.4 mm) trocar, accepts guidewire .038˝ (0.97 mm)
7560 08 025	8F x 25 cm, 17G (1.4 mm) trocar, accepts guidewire .038˝ (0.97 mm)
7560 10 020	10F x 20 cm, 17G (1.4 mm) trocar, accepts guidewire .038˝ (0.97 mm)
7560 10 025	10F x 25 cm, 17G (1.4 mm) trocar, accepts guidewire .038˝ (0.97 mm)
7560 12 020	12F x 20 cm, 14G (2.0 mm) trocar, accepts guidewire .038˝ (0.97 mm)
7560 12 025	12F x 25 cm, 14G (2.0 mm) trocar, accepts guidewire .038˝ (0.97 mm)
7560 14 020	14F x 20 cm, 14G (2.0 mm) trocar, accepts guidewire .038˝ (0.97 mm)
7560 14 025	14F x 25 cm, 14G (2.0 mm) trocar, accepts guidewire .038˝ (0.97 mm)
7560 16 025	16F x 25 cm, 14G (2.0 mm) trocar, recommended guidewire .038˝ (0.97 mm)

SKATER® Nephrostomy Catheters

SKATER® catheter for nephrostomy using the Seldinger technique. The catheter is made of soft polyurethane for optimal kink resistance and perfect configuration memory.

- SKATER® Nephrostomy catheter with locking or non-locking pigtail, and with metal or flexible stiffening cannula.
- HYDROFEEL® coating at the distal tip for easy insertion.
- Large lumen and large oval drainage holes designed for maximal drainage capacity.
- Removable pigtail straightener.
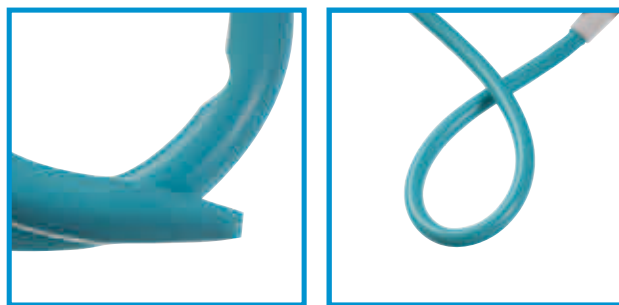
7556

SKATER® Nephrostomy Catheter • with locking pigtail
Box of 5

7556 06 025	6F x 25 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7556 06 035	6F x 35 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7556 07 025	7F x 25 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7556 07 035	7F x 35 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7556 08 025	8F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7556 08 035	8F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7556 10 025	10F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7556 10 035	10F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7556 12 025	12F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7556 12 035	12F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7556 14 025	14F x 25 cm, Necpbts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7556 14 035	14F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae

SKATER® Nephrostomy Catheter • with non-locking pigtail
Box of 5

7555 06 025	6F x 25 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7555 06 035	6F x 35 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7555 07 025	7F x 25 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7555 07 035	7F x 35 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7555 08 025	8F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7555 08 035	8F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7555 10 025	10F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7555 10 035	10F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7555 12 025	12F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7555 12 035	12F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7555 14 025	14F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7555 14 035	14F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae

SKATER® Drainage Catheters

The SKATER® Drainage Catheter is made of soft polyurethane for optimal kink resistance and perfect configuration memory. The catheter is coated with HYDROFEEL® hydrophilic coating for minimal friction during insertion.

7552/53

- Soft polyurethane for optimal kink resistance and perfect configuration memory.
- HYDROFEEL® coating on distal part for easy insertion.
- Large oval drainage holes and large lumen are designed for maximal drainage capacity.
- Minimal tissue trauma and ulcerations reduce patient discomfort.
- With locking or non-locking pigtail.

SKATER® Drainage Catheter • with locking pigtail   *Box of 5*

7551 06 025	6F x 25 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7551 06 035	6F x 35 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7551 07 025	7F x 25 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7551 07 035	7F x 35 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7551 08 025	8F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7551 08 035	8F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7551 10 025	10F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7551 10 035	10F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7551 12 025	12F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7551 12 035	12F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7551 14 025	14F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7551 14 035	14F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7551 16 025	16F x 25 cm, recommended guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae

SKATER® Drainage Catheter • with non-locking pigtail   *Box of 5*

7511 06 025	6F x 25 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7511 06 035	6F x 35 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7511 07 025	7F x 25 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7511 07 035	7F x 35 cm, accepts guidewire .035˝ (0.89 mm), metal stiffening cannula
7511 08 025	8F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7511 08 035	8F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7511 10 025	10F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7511 10 035	10F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7511 12 025	12F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7511 12 035	12F x 35 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7511 14 025	14F x 25 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae
7511 16 025	16F x 25 cm, recommended guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae

SKATER® Biliary Drainage Catheters

SKATER® catheter for drainage of the bile duct using the Seldinger technique. The catheter is made of soft polyurethane for optimal kink resistance and perfect configuration memory.

- Soft polyurethane for optimal kink resistance and perfect configuration memory.
- HYDROFEEL® coated on the distal tip for easy insertion.
- Non-kinking and flexible stylet included.
- Large oval drainage holes and large lumen designed for optimal drainage capacity. 4 side holes in pigtail and 7 or 8 side holes on the shaft. Last hole marked with a radiopauqe ring.
- Minimal tissue trauma and ulcerations reduce patient discomfort.

Box of 5

SKATER® Biliary Drainage Catheter • with locking pigtail

7553 08 040	8F x 40 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannula
7553 10 040	10F x 40 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannula
7553 12 040	12F x 40 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannula

Box of 5

SKATER® Biliary Drainage Catheter • with non-locking pigtail

7552 08 040	8F x 40 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannula
7552 10 040	10F x 40 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannula
7552 12 040	12F x 40 cm, accepts guidewire .038˝ (0.97 mm), metal and flexible stiffening cannulae

7553
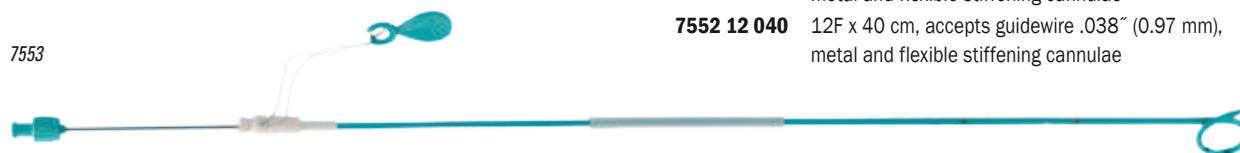
SKATER® Introducer Sets

The SKATER® Introducer Set provides easy, accurate and atraumatic placement of .035˝ or .038˝ guidewires in non-vascular procedures.

- Smooth transition between the 4 F dilator and the 6 F sheath.
- Embedded gold ring marker enhances visualization for accurate fluoroscopic placement.
- 21G needle minimizes tissue trauma.
- .018˝ guidewire with malleable coil tip for easy advancement.

6545

SKATER® Introducer Set
For introduction of .035˝ or .038˝ guidewire   *Box of 5*

6515 06 000   Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm stainless steel access guidewire, 6F x 18 cm co-axial dilator

6515 06 300   Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm nitinol access guidewire, 6F x 18 cm co-axial dilator

6555 06 000   Set, 21G (0.8 mm) x 15 cm chiba needle, .018˝ (0.46 mm) x 80 cm stainless steel access guidewire, 6F x 18 cm co-axial dilator

6555 06 300   Set, 21G (0.8 mm) x 15 cm chiba needle, .018˝ (0.46 mm) x 80 cm nitinol access guidewire, 6F x 18 cm co-axial dilator

SKATER® Introducer Set • Biliary Access
For introduction of .035˝ or .038˝ guidewire   *Box of 5*

6514 06 000   Biliary Access Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm stainless steel access guidewire, 6F x 26 cm co-axial dilator

6514 06 300   Biliary Access Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm nitinol access guidewire, 6F x 26 cm co-axial dilator

6554 06 000   Biliary Access Set, 21G (0.8 mm) x 15 cm chiba needle, .018˝ (0.46 mm) x 80 cm stainless steel access guidewire, 6F x 26 cm co-axial dilator

6554 06 300   Biliary Access Set, 21G (0.8 mm) x 15 cm chiba needle, .018˝ (0.46 mm) x 80 cm nitinol access guidewire, 6F x 26 cm co-axial dilator

SKATER® Introducer Set • Complete   *Box of 5*

6545 06 200   Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm nitinol access guidewire, 6F x 18 cm co-axial dilator, .035˝ (0.89 mm) x 150 cm Amplatz guidewire

SKATER® Introducer Biliary Set • Complete   *Box of 5*

6543 06 200   Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm nitinol access guidewire, 6F x 26 cm co-axial dilator, .035˝ (0.89 mm) x 150 cm Amplatz guidewire

Smooth transition between .018˝ guide wire and SKATER® Introducer

The white sheath accepts both an .018˝ and an .038˝ guidewire

25

SKATER® Kits

SKATER® Nephrostomy Kit with locking pigtail

- 18G puncture needle with stylet provides quick access for the strong, flexible and smooth WORKER® Amplatz wire.
- SKATER® Nephrostomy catheter with locking pigtail, and with metal or flexible stiffening cannula. HYDROFEEL® coating at the distal tip for easy insertion.
- Large lumen and large oval drainage holes designed for maximal drainage capacity.

SKATER® Nephrostomy Kit with non-locking pigtail

- 18G puncture needle with stylet provides quick access for the strong, flexible and smooth WORKER® Amplatz wire.
- SKATER® Nephrostomy catheter with non-locking pigtail, and with metal or flexible stiffening cannula. HYDROFEEL® coating at the distal tip for easy insertion.
- Large lumen and large oval drainage holes designed for maximal drainage capacity.

SKATER® Introducer Nephrostomy Kit

- Fine needle puncture with 21G trocar needle, .018˝ Access guidewire of either stainless steel or nitinol, and 6 French co-axial dilator provides atraumatic placement of .035˝ Amplatz guidewire.
- SKATER® Nephrostomy catheter with locking pigtail, and with metal or flexible stiffening cannula.
- Large oval drainage holes and large lumen are designed for maximal drainage capacity.
- Soft polyurethane for optimal kink resistance and perfect configuration memory.

SKATER® Introducer Biliary Drainage Kit with locking pigtail

- Fine needle puncture with 21G trocar needle, .018˝ Access guidewire of either stainless steel or nitinol, and 6 French co-axial dilator provides atraumatic placement of .035˝ Amplatz guidewire.
- SKATER® Biliary catheter with locking pigtail, and with metal or flexible stiffening cannula.
- Large oval drainage holes and large lumen are designed for maximal drainage capacity.
- Soft polyurethane for optimal kink resistance and perfect configuration memory.
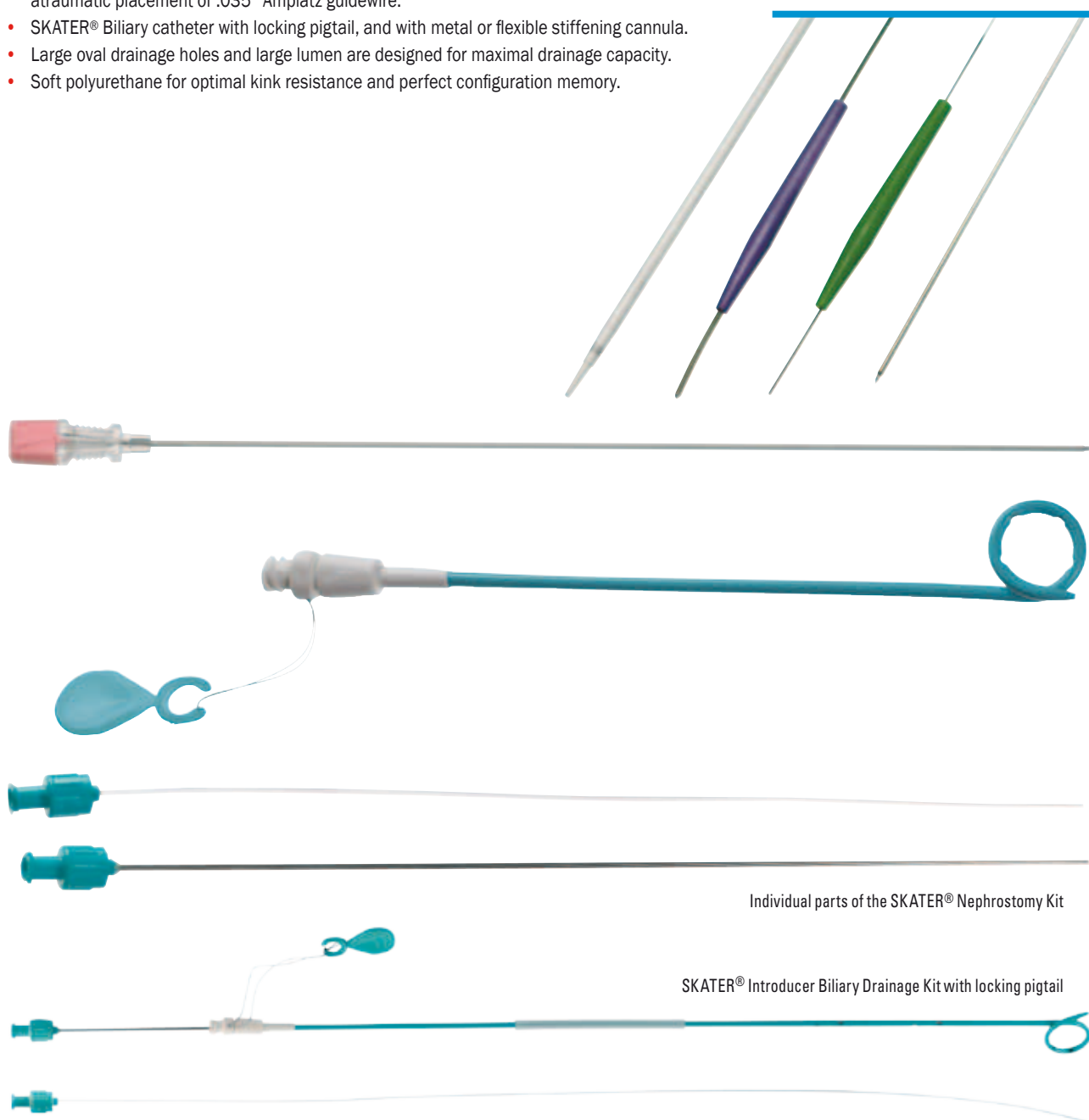
Individual parts of the SKATER® Nephrostomy Kit

SKATER® Introducer Biliary Drainage Kit with locking pigtail

SKATER® Nephrostomy Kit • with locking pigtail

7573 06 600 6F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F dilator, 6F x 35 cm SKATER® Nephrostomy catheter

7573 06 700 6F Set, 22G (0.7 mm) x 20 cm Chiba needle, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F dilator, 6F x 35 cm SKATER® Nephrostomy catheter, male/funnel connection for drainage bag

7573 07 000 7F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F and 7F dilators, 7F x 35 cm SKATER® Nephrostomy catheter

7573 08 000 8F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F and 8F dilators, 8F x 35 cm SKATER® Nephrostomy catheter

7573 08 600 8F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F and 8F dilators, 8F x 35 cm SKATER® Nephrostomy catheter, male/funnel connection for drainage bag

7573 08 700 8F Set, 22G (0.7 mm) x 20 cm Chiba needle, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F and 8F dilators, 8F x 35 cm SKATER® Nephrostomy catheter, male/funnel connection for drainage bag

7573 10 000 10F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F, 8F, and 10F dilators, 10Fx 35 cm SKATER® Nephrostomy catheter

7573 12 000 12F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F, 8F, 10F, and 12F dilators, 12Fx 35 cm SKATER® Nephrostomy catheter

7573 14 700 14F Set, 22G (0.7 mm) x 20 cm Chiba needle, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F, 8F, 10F, 12F, and 14F dilators, 14Fx 35 cm SKATER® Nephrostomy catheter

SKATER® Introducer Nephrostomy Kit • with locking pigtail

7673 08 000 8F Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm stainless steel access wire, 6F x 18 cm co-axial dilator, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 8Fx 20 cm dilator, 8F x 35 cm catheter with locking pigtail

7673 08 300 8F Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm nitinol access wire, 6F x 18 cm co-axial dilator, .035˝ (0.89 mm) x 90 cm Amplatz guide-wire, 8Fx 20 cm dilator, 8F x 35 cm catheter with locking pigtail

7673 10 000 10F Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm stainless steel access wire, 6F x 18 cm co-axial dilator, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 8F and 10F dilators, 10F x 35 cm catheter with locking pigtail

7673 10 300 10F Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm nitinol access wire, 6F x 18 cm co-axial dilator, .035˝ (0.89 mm) x 90 cm Amplatz guide-wire, 8F and 10F dilators, 10F x 35 cm catheter with locking pigtail

7673 12 000 12F Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm stainless steel access wire, 6F x 18 cm co-axial dilator, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 8F,10F, and 12F dilators, 12F x 35 cm catheter with locking pigtail

SKATER® Nephrostomy Kit • with non-locking pigtail

7503 08 000 8F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F and 8F dilators, 8Fx 35 cm SKATER® Nephrostomy catheter

7503 08 100 8F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 100 cm 3 mm J HD guidewire, 6F and 8F dilators, 8Fx 35 cm SKATER® Nephrostomy catheter

7503 10 000 10F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F, 8F, and 10F dilators, 10Fx 35 cm SKATER® Nephrostomy catheter

7503 12 000 12F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 90 cm Amplatz guidewire, 6F, 8F, 10F, and 12F dilators, 12Fx 35 cm SKATER® Nephrostomy catheter

7503 14 000 14 Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035" (0.89 mm) x 90 cm Amplatz guidewire, 6F, 8F, 10F, 12F, and 14F dilators, 14F x 35 cm SKATER® Nephrostomy catheter

SKATER® Introducer Biliary Drainage Kit • with locking pigtail

7653 08 300 8F Set, 21G (0.8 mm) x 15 cm trocar needle, .018˝ (0.46 mm) x 80 cm nitinol access wire, 6F x 26 cm co-axial dilator, .035˝ (0.89 mm) x 150 cm Amplatz guidewire, 8F x 20 cm dilator, 8F x 40 cm catheter with locking pigtail

7653 10 300 10F Set, 21G x 15 cm trocar needle, .018˝ x 80 cm nitinol access wire, 6F x 26 cm co-axial dilator, .035˝ (0.89 mm) x 150 cm Amplatz guidewire, 8F x 20 cm and 10F x 20 cm dilators, 10F x 40 cm catheter with locking pigtail

27

SKATER® Centesis Catheter Needles

Designed for percutaneous fluid aspirations and small volume drainage procedures.

- Vent plug allows air to exit catheter during insertion and protects clinician from fluid leakage.
- Luer locked introducer needle for secure one-handed placement and hollow stylet needle design permits aspiration of fluid prior to stylet removal.
- Echogenic needle tip facilitates visualisation during ultrasound guided placement.
- Tapered catheter tip ensures good transition between catheter and needle to facilitate smooth insertion.
- Four side holes on the distal tip of the catheter facilitate drainage within small cavities.

SKATER® Centesis Catheter Needle   *Box of 10*

7003 04 007	4F x 7 cm
7003 04 010	4F x 10 cm
7003 04 015	4F x 15 cm
7003 05 007	5F x 7 cm
7003 05 010	5F x 10 cm
7003 05 015	5F x 15 cm
7003 05 020	5F x 20 cm
7004 05 015	5F x 15 cm, without sideholes
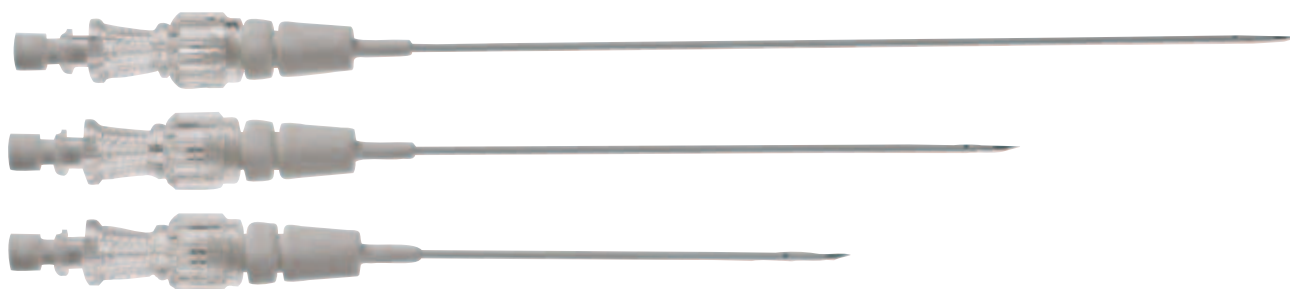
7003

TCD Drainage Catheters

The catheter is made of polyethylene. Applications: TCD Catheter; Drainage of cysts, abscesses, hematomes, pleural exudates, ascites, gall bladders, nephrostomies, pleuracentese and para-centesis.

TCD Drainage Catheter with safety string lock system; Drainage of large cysts, gall bladders and nephrostomies.

- Radiopaque Polyethylene – for excellent radiopacity.
- Optimal wall thickness for configuration memory.
- Optimal sized side holes along inner pigtail curve.
- With or without Safety String Lock System.

TCD Drainage Catheter   *Box of 10*
with Safety String Lock System

7151 57 020	5.7F x 20 cm, accepts guidewire .035˝ (0.89 mm)
7151 57 030	5.7F x 30 cm, accepts guidewire .035˝ (0.89 mm)
7151 07 020	7F x 20 cm, accepts guidewire .035˝ (0.89 mm)
7151 07 030	7F x 30 cm, accepts guidewire .035˝ (0.89 mm)
7151 84 020	8.4F x 20 cm, accepts guidewire .038˝ (0.97 mm)
7151 84 030	8.4F x 30 cm, accepts guidewire .038˝ (0.97 mm)

TCD Drainage Catheter   *Box of 10*

7111 57 020	5.7F x 20 cm, accepts guidewire .035˝ (0.89 mm)
7111 57 030	5.7F x 30 cm, accepts guidewire .035˝ (0.89 mm)
7111 07 020	7F x 20 cm, accepts guidewire .035˝ (0.89 mm)
7111 07 030	7F x 30 cm, accepts guidewire .035˝ (0.89 mm)
7111 84 020	8.4F x 20 cm, accepts guidewire .038˝ (0.97 mm)
7111 84 030	8.4F x 30 cm, accepts guidewire .038˝ (0.97 mm)
7111 10 020	10F x 20 cm, accepts guidewire .038˝ (0.97 mm)
7111 10 030	10F x 30 cm, accepts guidewire .038˝ (0.97 mm)

7151
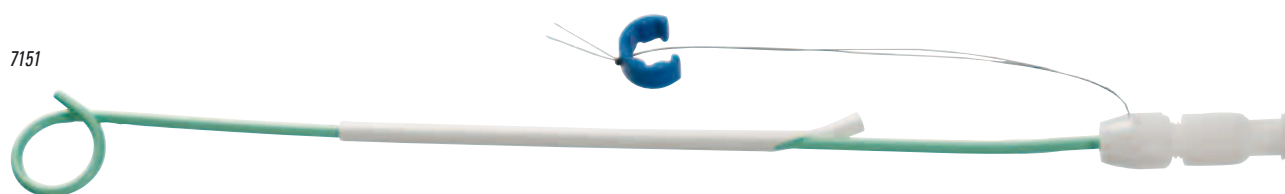
TCD Single Step Drainage Sets

The Choice Lock needle ensures simple single-handed catheter/needle snap lock. Polyethylene pigtail catheter with 6 side holes supplied with trocar needle.

Applications: Choice Lock TCD Single Step Drainage Set (7160); Single step drainage of cysts, abscesses, hematomes, pleural exudates, ascites, gall bladders and nephrostomies.

Choice Lock TCD Safety String Lock System (7165);

Single step drainage of large cysts, gall bladders and nephrostomies.

• Perfectly tapered tip for optimal penetration.

• Radiopaque polyethylene for superior radiopacity,

• Choice Lock needle for single handed release of stylet.

• With or without Safety String Lock System.

7160
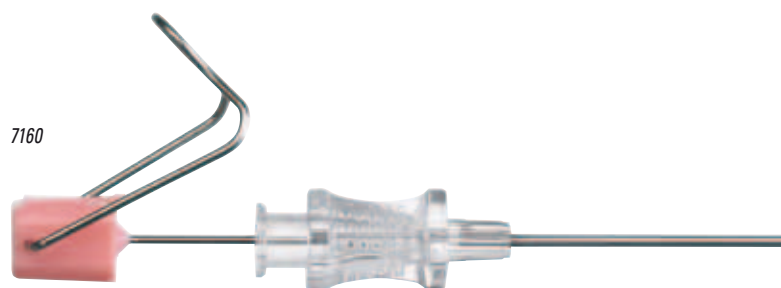
Choice Lock TCD Safety String Lock System   *20 cm: box of 10*
                                                30 cm: box of 5

7165 57 020	5.7F x 20 cm, 19G (1.0 mm) trocar
7165 57 030	5.7F x 30 cm, 19G (1.0 mm) trocar
7165 07 020	7F x 20 cm, 18G (1.2 mm) trocar
7165 07 030	7F x 30 cm, 18G (1.2 mm) trocar
7165 84 020	8.4F x 20 cm, 17G (1.4 mm) trocar
7165 84 030	8.4F x 30 cm, 17G (1.4 mm) trocar
7165 10 020	10F x 20 cm, 17G (1.4 mm) trocar
7165 10 030	10F x 30 cm, 17G (1.4 mm) trocar

Choice Lock TCD Single Step Drainage Sets   *20 cm: box of 10*
                                               30 cm: box of 5

7160 57 020	5.7F x 20 cm, 19G (1.0 mm) trocar
7160 57 030	5.7F x 30 cm, 19G (1.0 mm) trocar
7160 07 020	7F x 20 cm, 18G (1.2 mm) trocar
7160 07 030	7F x 30 cm, 18G (1.2 mm) trocar
7160 84 020	8.4F x 20 cm, 17G (1.4 mm) trocar
7160 84 030	8.4F x 30 cm, 17G (1.4 mm) trocar
7160 10 020	10F x 20 cm, 17G (1.4 mm) trocar
7160 10 030	10F x 30 cm, 17G (1.4 mm) trocar

Polyethylene Drainage Catheters & Sets

Polyethylene Drainage Catheters & Sets

- Smooth surface for easy insertion.
- Resistant to drug installation.
- Multiple sizes and configurations for clinical versatility.

Pigtail Nephrostomy Catheter   *Box of 10*

7100 08 040   8F x 40 cm pigtail catheter with 8 side holes and stopcock, accepts guidewire .038

7100

Polyethylene Biliary Drainage Catheter • Straight   *Box of 10*

7075 66 050   6.6F x 50 cm straight with 10 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

7075 07 050   7F x 50 cm straight with 10 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

7075
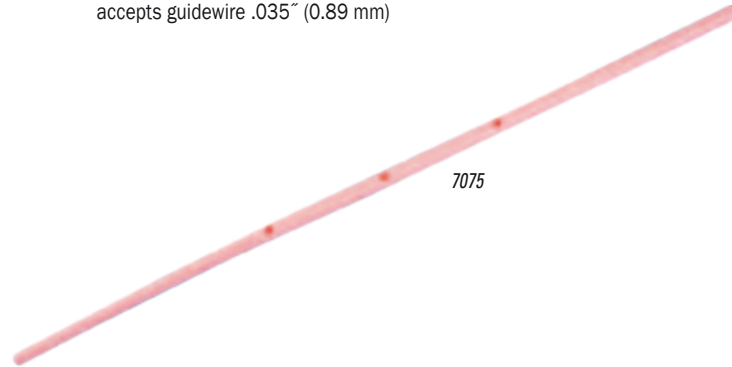
Polyethylene Biliary Drainage Catheter • Pigtail   *Box of 10*

7074 66 050   6.6F x 50 cm pigtail with 8 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

7074 07 050   7F x 50 cm pigtail with 8 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

7074 84 050   8.4F x 50 cm pigtail with 8 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

Polyethylene Biliary Drainage Catheter • Ring   *Box of 10*

7094 07 050   7F x 50 cm Ring with 6 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

7077 66 050   6.6F x 50 cm Ring with 32 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

7077 07 050   7F x 50 cm Ring with 32 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

7077 84 050   8.4F x 50 cm Ring with 32 side holes and stopcock, accepts guidewire .035˝ (0.89 mm)

7077 10 050   10F x 50 cm Ring with 32 side holes and stopcock, accepts guidewire .038˝ (0.97 mm)

7077

Pigtail Nephrostomy Set   *Box of 5*

7144 07 000   7F Set, 18G (1.2 mm) x 15 cm puncture needle with stylet, .035˝ (0.89 mm) x 82 cm Lunderquist guidewire, 7F x 20 cm dilator, 7F x 40 cm pigtail catheter with 8 side holes and stopcock, drainage bag connector with 3-way stopcock 15 cm

Simple Nephrostomy Set   *Box of 5*

7101 06 000   6F Set, 18G (1.2 mm) x 15 cm puncture needle, 6F x 20 cm dilator, 6F x 40 cm pigtail catheter with 4 side holes, a drainage bag connector 15 cm. Accepts guidewire .038˝ (0.97 mm) (not included).

PTC Catheter Needles

- Sheathed radiopaque needle appropriate for second puncture site in biliary drainage procedures, contrast injection, pathfinding and guidewire exchange.
- Polyethylene with smooth surface for easy insertion.

PTC Catheter Needles   *Box of 10*

6037 19 017	5F x 17 cm straight, accepts guidewire .038˝ (0.97 mm), 19G (1.0 mm) trocar point stylet
6037 19 025	5F x 25 cm straight, accepts guidewire .038˝ (0.97 mm), 19G (1.0 mm) trocar point stylet
6039 19 017	5F x 17 cm straight, accepts guidewire .038˝ (0.97 mm), 19G (1.0 mm) slanting point stylet
6039 19 025	5F x 25 cm straight, accepts guidewire .038˝ (0.97 mm), 19G (1.0 mm) slanting point stylet

PTC Catheter – Single packed   *Box of 10*

6013 05 025	5F x 25 cm straight, accepts guidewire .038˝ (0.97 mm)

6039

6037

Access Needles

Stainless steel puncture needle with stylet, PTFE coated puncture needle with stylet

- Stainless steel puncture needle extra thin wall for maximum internal diameter.
- PTFE coating provides easy visualization during ultrasound guided needle insertion.

Stainless Steel Puncture Needle with Stylet   *Box of 10*

5009 22 020	22G (0.7 mm) x 20 cm, accepts guidewire .021″ (0.53 mm)
5009 22 025	22G (0.7 mm) x 25 cm, accepts guidewire .021″ (0.53 mm)
5009 21 015	21G (0.8 mm) x 15 cm, accepts guidewire .018″ (0.46 mm)
5009 20 015	20G (0.9 mm) x 15 cm, accepts guidewire .021″ (0.53 mm)
5009 20 020	20G (0.9 mm) x 20 cm, accepts guidewire .021″ (0.53 mm)
5009 18 015	18G (1.2 mm) x 15 cm, accepts guidewire .038″ (0.97 mm)
5009 18 020	18G (1.2 mm) x 20 cm, accepts guidewire .038″ (0.97 mm)
5009 18 033	18G (1.2 mm) x 33 cm, accepts guidewire .038″ (0.97 mm)

PTFE Coated Puncture Needle   *Box of 10*

5015 18 015	18G (1.2 mm) x 15 cm, accepts guidewire .038″ (0.97 mm)
5015 18 020	18G (1.2 mm) x 20 cm, accepts guidewire .038″ (0.97 mm)

Trocar Needle   *Box of 10*

5007 21 015	21G (1.2 mm) x 15 cm, accepts guidewire .018″ (0.46 mm)
5007 18 015	18G (1.2 mm) x 15 cm, accepts guidewire .035" (0.89 mm)
5007 18 020	18G (1.2 mm) x 20 cm, accepts guidewire .035" (0.89 mm)

5007

5015

5009

Introducer Sheaths/Needles

Introducer Sheath/Needles

- Transparent or radiopaque sheaths for guidewire insertion or fluid aspiration.

Introducer Sheath Needle   *Box of 10*

ISN 1915	19G (1.0 mm) x 15 cm with 5F sheath, accepts guidewire .038″ (0.97 mm)
ISN 1920	19G (1.0 mm) x 20 cm with 5F sheath, accepts guidewire .038″ (0.97 mm)

ISN 1915

Hawkins™ Blunt Needle Access System

Hawkins™ Blunt Needle Access System

- Provides a lightweight method of targeting, remaining in place while position is confirmed. This is especially valuable in CT guided procedures.
- The adjustable needle stop localises the outer cannula to the target, preventing forward migration.
- The outer cannula has an echogenic tip, promoting accurate placement under ultrasound guidance.
- Numerically ordered centimetre markings on the outer cannula facilitate precise depth placement.
- Accommodates most guidewires, biopsy needles, and biopsy instruments.

Hawkins™ Blunt Needle Access System		Box of 5
218057	18G (1.2 mm) x 5 cm	ID 1.0 mm
218107	18G (1.2 mm) x 10 cm	ID 1.0 mm
218157	18G (1.2 mm) x 15 cm	ID 1.0 mm
218207	18G (1.2 mm) x 20 cm	ID 1.0 mm
216057	16G (1.6 mm) x 5 cm	ID 1.3 mm
216107	16G (1.6 mm) x 10 cm	ID 1.3 mm
216157	16G (1.6 mm) x 15 cm	ID 1.3 mm

218157

33

Dilators

Radiopaque polyethylene dilators feature smooth rounded tips with gradual tapering facilitating tissue penetration.

- Perfect tapering improves tissue penetration.
- Luer lock hub for contrast injection and guidewire exchange.
- Radiopaque for fluoroscopic visualization.

Dilators *Box of 10*

6104 35 020	4F x 20 cm, accepts guidewire .035″ (0.89 mm)
6105 35 020	5F x 20 cm, accepts guidewire .035″ (0.89 mm)
6105 38 020	5F x 20 cm, accepts guidewire .038″ (0.97 mm)
6106 35 020	6F x 20 cm, accepts guidewire .035″ (0.89 mm)
6106 38 020	6F x 20 cm, accepts guidewire .038″ (0.97 mm)
6107 35 020	7F x 20 cm, accepts guidewire .035″ (0.89 mm)
6107 38 020	7F x 20 cm, accepts guidewire .038″ (0.97 mm)
6108 35 020	8F x 20 cm, accepts guidewire .035″ (0.89 mm)
6108 38 020	8F x 20 cm, accepts guidewire .038″ (0.97 mm)
6109 38 025	9F x 25 cm, accepts guidewire .038″ (0.97 mm)
6110 38 025	10F x 25 cm, accepts guidewire .038″ (0.97 mm)
6112 38 025	12F x 25 cm, accepts guidewire .038″ (0.97 mm)
6114 38 025	14F x 25 cm, accepts guidewire .038″ (0.97 mm)
6116 47 025	16F x 25 cm, accepts guidewire .047″ (1.19 mm)

61xx

Screw Dilators

A screw dilator atraumatically separates tissue, allowing dilation up to 14 French by using only one dilator.

- Minimal patient discomfort.
- Blunt dissection.
- Minimises risk of guidewire dislocation.
- Tissue dilation up to 14F using only one dilator.
- Radiopaque for fluoroscopic visualization.

A wide range of French sizes

Screw Dilators — *Box of 10*

6307 38 025   7F x 25 cm, accepts guidewire .038˝ (0.97 mm)

6308 38 025   8F x 25 cm, accepts guidewire .038˝ (0.97 mm)

6309 38 025   9F x 25 cm, accepts guidewire .038˝ (0.97 mm)

6310 38 025   10F x 25 cm, accepts guidewire .038˝ (0.97 mm)

6312 38 025   12F x 25 cm, accepts guidewire .038˝ (0.97 mm)

6314 38 025   14F x 25 cm, accepts guidewire .038˝ (0.97 mm)

6316 47 025   16F x 25 cm, accepts guidewire .047˝ (1.19 mm)

63xx

Ac

cessories
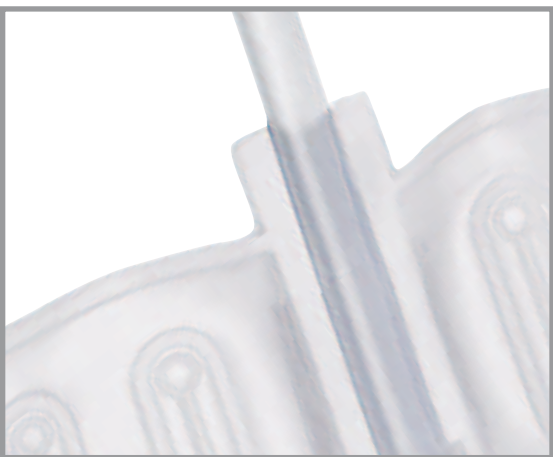
Connecting Tubes – Low Pressure

Non-leaking connection to standard luer lock connections

- Transparent soft tube.
- Standard luer lock connections.
- Wide range of lengths.
- Maximum pressure for tubes 280 psi.
- Maximum pressure for three-way stopcock 50 psi.

Connecting Tubes – Low Pressure

Box of 25

4010 04 050	50 cm three-way stopcock/female-male, max pressure 50 psi
4010 11 010	10 cm male-male luer lock, max pressure 280 psi
4010 11 025	25 cm male-male luer lock, max pressure 280 psi
4010 12 010	10 cm female-male luer lock, max pressure 280 psi
4010 12 025	25 cm female-male luer lock, max pressure 280 psi
4010 12 050	50 cm female-male luer lock, max pressure 280 psi
4010 12 080	80 cm female-male luer lock, max pressure 280 psi
4010 13 025	25 cm one-way stopcock/female-male luer lock, max pressure 280 psi
4010 13 050	50 cm one-way stopcock/female-male luer lock, max pressure 280 psi
4010 13 080	80 cm one-way stopcock/female-male luer lock, max pressure 280 psi

4010 11

4010 12

4010 13

Connecting Tubes for Drainage Bags

We offer a wide range of connecting tubes for all types of drainage bags. The connecting tubes are available with or without stopcocks.

- Flexible, kink resistant tubing.
- Clinical versatility.

4040 17

4040 22

Connecting Tubes, Adapters and Stopcocks *Box of 25*

4039 43 015	15 cm female-olive
4040 17 015	15 cm male-funnel
4040 17 030	30 cm male-funnel
4040 18 015	15 cm one-way stopcock/male-funnel
4040 18 030	30 cm one-way stopcock/male-funnel
4040 22 000	Male/three-way stopcock/funnel
4040 24 000	Male/funnel
4040 40 015	15 cm male - male luer lock
4040 40 030	30 cm male - male luer lock
4040 43 015	15 cm male -3-way stopcock/male luer lock
4040 43 030	30 cm male -3-way stopcock/male luer lock
4043 17 050	50 cm male - tube
4043 43 015	15 cm male luer lock/3-way stopcock - funnel
4043 43 030	30 cm male luer lock/3-way stopcock - funnel
4047 43 015	15 cm male luer lock - olive
8011 00 102	Stopcock – low pressure, max pressure 50 psi
8011 00 103	3-way stopcock – low pressure, max pressure 50 psi

4040 24

4040 40

4040 43

4043 17

8020 20

8020 21

8020 20 000 Female/olive with stopper *Box of 10*
8020 21 000 Male/olive with stopper
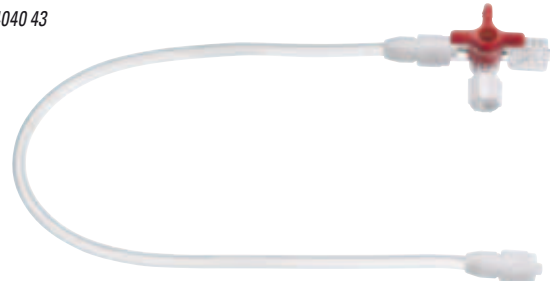
4047 43

Drainage Bags

350 ml sterile drainage bag with flocked back and bottom outlet. Should be used with a male to male connecting tube e.g. 4040 40 xxx for secure connection to the drainage catheter.

- Flocked back reduces sweating.
- Minimal patient discomfort.
- Anti-reflux valve to prevent retrograde contamination.
- Acceptable size – can be hidden beneath clothes.
- High patient acceptance.

8500

8500 07 350   350 ml drainage bag – female.   *Box of 50*

600 ml sterile drainage bag with bottom outlet and adjustable drain tube length.

- Soft kink-resistant tube can be cut and fit to the appropriate length.
- Twist type valve for quick and easy emptying of drainage bag.
- Anti-reflux valve to prevent retrograde contamination.
- Fully adjustable soft belt.

DBAG

DBAG600   600 ml drainage bag   *Box of 20*
with adjustable drain tube – male luer lock.

SKATER® FIX

New device for fixation of <u>all</u> drainage catheters

Reduce risk of catheter dislocation
– without suturing

SKATER® FIX is a latex free catheter fixation device, consisting of a central thin carrier which has hydrocolloid adhesive and is covered with non woven medical grade adhesive. The soft foam support block and velcro prevent the catheter from kinking.

The catheter will be mechanically fixed with velcro, and minimal tape is involved directly on the catheter.

The velcro cover can be opened for puncture site inspection. In this way you have the possibility to look for infection or leakage whenever required.
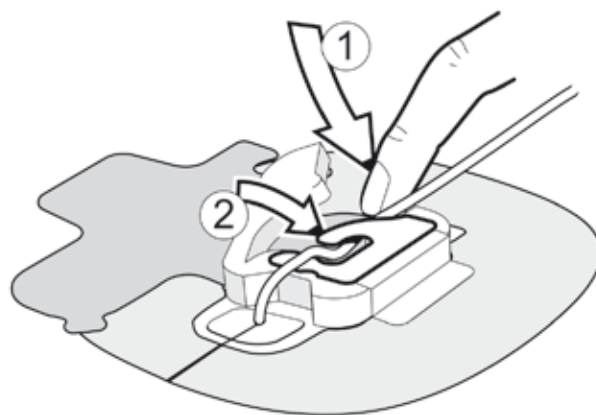
- Latex free.
- Safe anchoring of drainage catheter up to one week.
- Allows inspection of puncture site without change of dressing.
- Easy to change.
- Minimal risk of catheter dislocation during change of fixation disk.
- Foam bridge prevents catheter kinking.
- Clean catheter with no tape residuals.
- Adjustable to catheters from 5 to 16 French.
- Hydrocolloid carrier will absorb body fluids from puncture site.
- Minimum risk of skin irritation.
- Disc follows patient contour and movements.

SKATER® FIX catheter fixation device   *Box of 25*

8025 00 001   Latex free catheter fixation device

Skin Fix for Connecting Tubes

Skin Fix consists of an adhesive area of microporous tape which is applied to the patient's skin, and a fixation strap which keeps the connecting tubes in place.

- Comfortable (non-irritant).
- Permeable to humidity and heat.
- Moisture resistant.
- Follows the contours of the skin.
- Fixation strap – with strong adhesion.

8025

Skin Fix   *Box of 25*

8025 00 000   Sterile, single packed

41
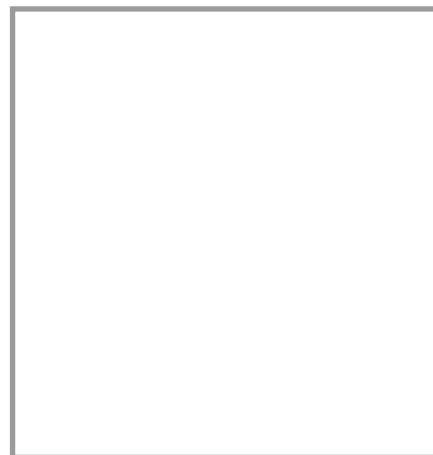
Biopsy

Bio-Seal Lung Biopsy Tract Plug System

A state-of-the-art innovation in the prevention of pneumothorax.

- Bio-Seal™ is a single use disposable system intended for the prevention of pneumothorax following percutaneous lung biopsy.

- The patented hydrogel plug resorbs into the patient's body after healing of the puncture site has occurred.

- Each Bio-Seal™ system features two sets of plugs and co-axial adaptors to accommodate multiple lung biopsy sites.

- Angiotech™ offers a broad range of 19G introducers (see back page) designed for compatibility with the Bio-Seal™ plug adaptor. These introducers may be used in conjunction with any 20G or 22G biopsy device.

Bio-Seal Lung Biopsy Tract Plug System

BIO-SEAL™ DEPLOYMENT SYSTEM   *Box of 5*

768022019   Bio-Seal™ Device, (2) co-axial adapters with (2) plugs

Bio-Seal™ Device Requires Angiotech™
19G Co-Axial Introducer:

CO-AXIAL INTRODUCER DESCRIPTION   *Box of 10*

MCXS2010TY   19G (1 mm) x 5.4 cm co-axial introducer needle   (page 51)

MCXS2016TY   19G (1 mm) x 11.4 cm co-axial introducer needle (page 51)

MCXS2009LY   19G (1 mm) x 4.2 cm co-axial introducer needle   (page 51)

MCXS2015LY   19G (1 mm) x 10.2 cm co-axial introducer needle (page 51)

MCXS2010AY   19G (1 mm) x 4.9 cm co-axial introducer needle   (page 47)

MCXS2016AY   19G (1 mm) x 10.9 cm co-axial introducer needle (page 47)

BioPince® Full-Core Biopsy Instruments

BioPince® utilises the revolutionary "tri-axial " Cut and Capture cannula system, designed to harvest diagnostic quality specimens while reducing the risk of crush artefact and tissue fragmentation.

- A cylindrical, full core specimen is harvested for clinical diagnosis. Up to 59% more tissue volume than traditional core biopsy devices that use the side notch technology.
- Variable stroke lengths enhance clinical flexibility: 13 mm yields 9 mm specimen length, 23 mm yields 19 mm specimen length, or 33 mm yields 29 mm specimen length.
- Available in 18G and 16G. Numerically ordered centimetre markings facilitate precise depth placement of the needle.
- Light weight and ease of firing make the BioPince® ideal for CT guided procedures.
- Can be used with Co-axial Introducer Needles.

During insertion

During firing

After firing

BioPince® Full-Core Biopsy Instrument   Box of 5

360-1080-01	18G (1.2 mm) x 10 cm, optional co-axial needle MCXS1810BP
360-1580-01	18G (1.2 mm) x 15 cm, optional co-axial needle MCXS1815BP
360-2080-01	18G (1.2 mm) x 20 cm, optional co-axial needle MCXS1820BP
370-1080-01	16G (1.6 mm) x 10 cm, optional co-axial needle MCXS1610BP
370-1580-01	16G (1.6 mm) x 15 cm, optional co-axial needle MCXS1615BP

Optional Co-axial Introducer Needles   Box of 5

MCXS1810BP	17G (1.4 mm) x 6.8 cm
MCXS1815BP	17G (1.4 mm) x 11.8 cm
MCXS1820BP	17G (1.4 mm) x 16.8 cm
MCXS1610BP	15G (1.8 mm) x 6.8 cm
MCXS1615BP	15G (1.8 mm) x 11.8 cm
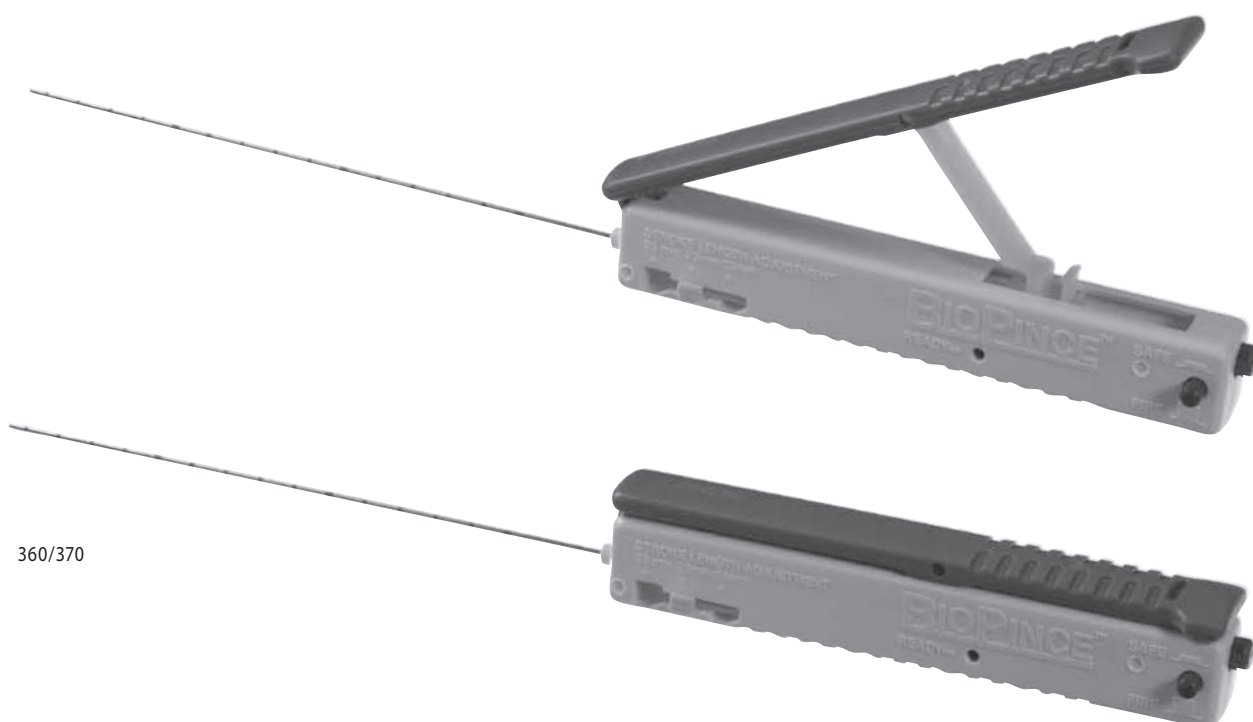
360/370

Reusable Biopsy Instruments

Pro-Mag™ Ultra Automatic Biopsy Instrument is designed to harvest high quality histological specimens.

- Features a 25 mm "Throw" advancement.
- Trigger is easily actuated (fired) from the front or rear of the instrument.
- Built-in safety automatically activates, preventing accidental firing.
- Easy specimen retrieval without removing the needle from the instrument.
- May be sterilized using conventional methods.

Pro-Mag™ Ultra Automatic Biopsy Instrument   *Box of 1*

7675   2.5 cm throw

7675

Pro-Mag™ Ultra Biopsy Needles

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

- A 19 mm sample notch ensures sufficient tissue for clinical diagnosis.
- Unique, patented hub design obsoletes needle "spacers".
- Numerically ordered centimetre markings facilitate precise depth placement.
- Each needle has an echogenic tip for accurate placement under ultrasound guidance.
- Hubs are colour coded for easy gauge size determination.

Biopsy needle for use with Pro-Mag™ Ultra   *Box of 10*

7650 20 100	20G (0.9 mm) x 10 cm, opt. co-axial needle MCXS2010AY
7650 20 160	20G (0.9 mm) x 16 cm, opt. co-axial needle MCXS2016AY
7650 20 200	20G (0.9 mm) x 20 cm
7650 18 100	18G (1.2 mm) x 10 cm, opt. co-axial needle MCXS1810AX
7650 18 160	18G (1.2 mm) x 16 cm, opt. co-axial needle MCXS1816AX
7650 18 200	18G (1.2 mm) x 20 cm, opt. co-axial needle MCXS1820AX
7650 18 250	18G (1.2 mm) x 25 cm
7650 18 300	18G (1.2 mm) x 30 cm
7650 16 100	16G (1.6 mm) x 10 cm, opt. co-axial needle MCXS1610AX
7650 16 160	16G (1.6 mm) x 16 cm, opt. co-axial needle MCXS1616AX
7650 16 200	16G (1.6 mm) x 20 cm
7650 14 100	14G (2.0 mm) x 10 cm, opt. co-axial needle MCXS1410AX
7650 14 120	14G (2.0 mm) x 12 cm
7650 14 160	14G (2.0 mm) x 16 cm, opt. co-axial needle MCXS1416AX
7650 14 200	14G (2.0 mm) x 20 cm

Optional Co-axial Introducer Needle   *Box of 10*

MCXS2010AY	19G (1.0 mm) x 4.9 cm
MCXS2016AY	19G (1.0 mm) x 10.9 cm
MCXS1810AX	17G (1.4 mm) x 4.6 cm
MCXS1816AX	17G (1.4 mm) x 10.6 cm
MCXS1820AX	17G (1.4 mm) x 14.6 cm
MCXS1610AX	15G (1.8 mm) x 4.6 cm
MCXS1616AX	15G (1.8 mm) x 10.6 cm
MCXS1410AX	13G (2.3 mm) x 4.6 cm
MCXS1416AX	13G (2.3 mm) x 10.6 cm

7650

Tru-Core® I Biopsy Needles

High quality core biopsy needles provide histological information for diagnosis and characterization of suspect lesions.

- A 19 mm sample notch ensures sufficient tissue for clinical diagnosis.
- Unique, patented hub design obsoletes needle "spacers".
- Numerically ordered centimetre markings facilitate precise depth placement.
- Each needle has an echogenic tip for accurate placement under ultrasound guidance.
- Hubs are colour coded for easy gauge size determination.
- Can be used with co-axial introducer needles.

7633

ACN™ Biopsy Needles

ACN

ACN

Specially designed for use with Pro-Mag™ 2.2 Automatic Biopsy Instrument. High quality core biopsy needles provide histological information for diagnosis characterization of suspect lesions.

- A 17 mm sample notch ensures sufficient tissue for clinical diagnosis.
- Each needle has an echogenic tip for accurate placement under ultrasound guidance.
- Numerically ordered markings facilitate precise depth placement.
- Hubs are colour coded for easy gauge size determination.
- Can be used with co-axial introducer needles.

Biopsy 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.

- 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 14 G model, which has one guide per package.

LNG0

Tru-Core® I Biopsy Needles   *Box of 10*

7633 18 100	18G (1.2 mm) x 10 cm, opt. co-axial needle MCXS1810TX
7633 18 160	18G (1.2 mm) x 16 cm, opt. co-axial needle MCXS1816TX
7633 18 200	18G (1.2 mm) x 20 cm, opt. co-axial needle MCXS1820TX
7633 16 100	16G (1.6 mm) x 10 cm, opt. co-axial needle MCXS1610TX
7633 14 100	14G (2.0 mm) x 10 cm, opt. co-axial needle MCXS1410TX
7633 14 160	14G (2.0 mm) x 16 cm, opt. co-axial needle MCXS1416TX

Optional Co-axial Introducer Needles   *Box of 10*

MCXS1810TX	17G (1.4 mm) x 5.1 cm
MCXS1816TX	17G (1.4 mm) x 11.1 cm
MCXS1820TX	17G (1.4 mm) x 15.1 cm
MCXS1610TX	15G (1.8 mm) x 5.1 cm
MCXS1410TX	13G (2.3 mm) x 5.1 cm
MCXS1416TX	13G (2.3 mm) x 11.1 cm

Biopsy Needle for use with Pro-Mag™ 2.2   *Box of 10*

ACN2010MF	20G (0.9 mm) x 10 cm, opt. co-axial needle MCXS2010AY
ACN2016MF	20G (0.9 mm) x 16 cm, opt. co-axial needle MCXS2016AY
ACN2020MF	20G (0.9 mm) x 20 cm
ACN1810MF	18G (1.2 mm) x 10 cm, opt. co-axial needle MCXS1810AX
ACN1816MF	18G (1.2 mm) x 16 cm, opt. co-axial needle MCXS1816AX
ACN1820MF	18G (1.2 mm) x 20 cm, opt. co-axial needle MCXS1820AX
ACN1825MF	18G (1.2 mm) x 25 cm
ACN1610MF	16G (1.6 mm) x 10 cm, opt. co-axial needle MCXS1610AX
ACN1616MF	16G (1.6 mm) x 16 cm, opt. co-axial needle MCXS1616AX
ACN1620MF	16G (1.6 mm) x 20 cm
ACN1410MF	14G (2.0 mm) x 10 cm, opt. co-axial needle MCXS1410AX
ACN1412MF	14G (2.0 mm) x12 cm
ACN1416MF	14G (2.0 mm) x16 cm, opt. co-axial needle MCXS1416AX

Optional Co-axial Introducer Needles   *Box of 10*

MCXS2010AY	19G (1.0 mm) x 4.9 cm
MCXS2016AY	19G (1.0 mm) x 10.9 cm
MCXS1810AX	17G (1.4 mm) x 4.6 cm
MCXS1816AX	17G (1.4 mm) x 10.6 cm
MCXS1820AX	17G (1.4 mm) x 14.6 cm
MCXS1610AX	15G (1.8 mm) x 4.6 cm
MCXS1616AX	15G (1.8 mm) x 10.6 cm
MCXS1410AX	13G (2.3 mm) x 4.6 cm
MCXS1416AX	13G (2.3 mm) x 10.6 cm

Needle Guides for "Lorad Stereo Loc II"   *Box of 20*

|	
LNGC14GX	closed type, fits 14G (2.0 mm)
LNGC1619PX	closed type, fits 19G (1.0 mm) to 16G (1.6 mm)
LNGC2022YX	closed type, fits 22G (0.7 mm) to 20G (0.9 mm)
LNGO1619PX	open type, fits 19G (1.0 mm) to 16G (1.6 mm)
LNGO2022YX	opentype, fits 22G (0.7 mm) to 20G (0.9 mm)

LNGC

49

Ultra-Core™ Biopsy Needles

Specially designed for use with Bard® MAGNUM® and BIP High Speed Multi Biopsy Instrument. High quality core biopsy needles provide histological information for diagnosis characterization of suspect lesions.

- Unique, patented 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 markings facilitate precise depth placement.
- Hubs are colour coded for easy gauge size determination, available in a variety of gauge sizes and lengths.
- Can be used with Co-axial Introducer Needles.

Bard is a registered trademark of C.R. Bard, Inc. or an Affiliate.
MAGNUM is a registered trademark of C.R. Bard, Inc. or an Affiliate
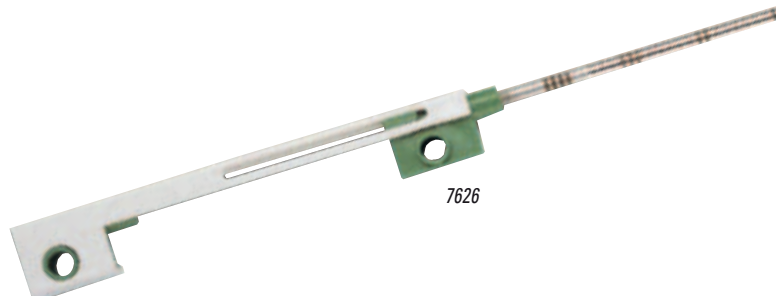
7626

Tru-Core® Automatic Biopsy Instrument

7631

The Tru-Core® II can easily be 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.

- Simple "pull/push" operation of the control knobs creates a device which is truly single-handed in operation.
- A 22 mm "throw" advancement, combined with a 19 mm sample notch, harvest sufficient tissue for clinical diagnosis.
- Small instrument size makes the Tru-Core® II compatible with most upright stereotactic machines.
- Each instrument has an echogenic tip for accurate placement under ultrasound guidance.
- Needles are colour coded for easy gauge size determination, which can be seen through the "window" on the bottom of the device.

Super-Core™ Semi-automatic Biopsy Instrument

The Super-Core™ is a compact lightweight, adjustable and easily manoeuvred biopsy instrument. After setting the cutting cannula spring, the Super-Core™ may be operated with one hand, leaving the other hand free to manipulate a guidance device; i.e. an ultrasound probe.

- The specimen "notch" is adjustable (exposing either 19 mm or 9.5 mm), thus providing maximum clinical flexibility.
- The specimen "notch" may be safely positioned in the lesion before the spring-loaded cutting cannula is fired.
- Each needle has an echogenic tip for accurate placement by ultrasound guidance.
- Numerically ordered centimetre markings facilitate precise depth placement.
- Can be used with co-axial introducer needles.

7011

50

Ultra-Core™ Biopsy Needle for use with BARD® MAGNUM® Biopsy Instrument *Box of 10*

7626 18 100	18G (1.2 mm) x 10 cm, opt. co-axial needle MCXS1810MX
7626 18 160	18G (1.2 mm) x 16 cm, opt. co-axial needle MCXS1816MX
7626 18 200	18G (1.2 mm) x 20 cm, opt. co-axial needle MCXS1820MX
7626 18 250	18G (1.2 mm) x 25 cm
7626 16 100	16G (1.6 mm) x 10 cm, opt. co-axial needle MCXS1610MX
7626 16 160	16G (1.6 mm) x 16 cm, opt. co-axial needle MCXS1616MX
7626 14 100	14G (2.0 mm) x 10 cm, opt. co-axial needle MCXS1410MX
7626 14 130	14G (2.0 mm) x 13 cm
7626 14 160	14G (2.0 mm) x 16 cm, opt. co-axial needle MCXS1416MX

Optional Co-axial Introducer Needles *Box of 10*

MCXS1810MX	17G (1.4 mm) x 4.3 cm
MCXS1816MX	17G (1.4 mm) x 10.3 cm
MCXS1820MX	17G (1.4 mm) x 14.3 cm
MCXS1610MX	15G (1.8 mm) x 4.3 cm
MCXS1616MX	15G (1.8 mm) x 10.3 cm
MCXS1410MX	13G (2.3 mm) x 4.3 cm
MCXS1416MX	13G (2.3 mm) x 10.3 cm

Tru-Core® II Automatic Biopsy Instrument *Box of 10*

7631 20 100X	20G (0.9 mm) x 10 cm, opt. co-axial needle MCXS2010TY
7631 20 160X	20G (0.9 mm) x 16 cm, opt. co-axial needle MCXS2016TY
7631 20 200X	20G (0.9 mm) x 20 cm
7631 18 100X	18G (1.2 mm) x 10 cm, opt. co-axial needle MCXS1810TX
7631 18 160X	18G (1.2 mm) x 16 cm, opt. co-axial needle MCXS1816TX
7631 18 200X	18G (1.2 mm) x 20 cm, opt. co-axial needle MCXS1820TX
7631 16 100X	16G (1.6 mm) x 10 cm, opt. co-axial needle MCXS1610TX
7631 16 160X	16G (1.6 mm) x 16 cm, opt. co-axial needle MCXS1616TX
7631 16 200X	16G (1.6 mm) x 20 cm
7631 14 100X	14G (2.0 mm) x 10 cm, opt. co-axial needle MCXS1410TX
7631 14 160X	14G (2.0 mm) x 16 cm, opt. co-axial needle MCXS1416TX
7631 14 200X	14G (2.0 mm) x 20 cm

Optional Co-axial Introducer Needles *Box of 10*

MCXS2010TY	19G (1.0 mm) x 5.4 cm
MCXS2016TY	19G (1.0 mm) x 11.4 cm
MCXS1810TX	17G (1.4 mm) x 5.1 cm
MCXS1816TX	17G (1.4 mm) x 11.1 cm
MCXS1820TX	17G (1.4 mm) x 15.1 cm
MCXS1610TX	15G (1.8 mm) x 5.1 cm
MCXS1616TX	15G (1.8 mm) x 11.1 cm
MCXS1410TX	13G (2.3 mm) x 5.1 cm
MCXS1416TX	13G (2.3 mm) x 11.1 cm

Super-Core™ Adjustable Biopsy Instrument *Box of 10*

7011 20 090	20G (0.9 mm) x 9 cm, opt. co-axial needle MCXS2009LY
7011 20 150	20G (0.9 mm) x 15 cm, opt. co-axial needle MCXS2015LY
7011 20 200	20G (0.9 mm) x 20 cm
7011 18 090	18G (1.2 mm) x 9 cm, opt. co-axial needle MCXS1809LX
7011 18 150	18G (1.2 mm) x 15 cm, opt. co-axial needle MCXS1815LX
7011 18 200	18G (1.2 mm) x 20 cm, opt. co-axial needle MCXS1820LX
7011 16 090	16G (1.6 mm) x 9 cm, opt. co-axial needle MCXS1609LX
7011 16 150	16G (1.6 mm) x 15 cm, opt. co-axial needle MCXS1615LX
7011 16 200	16G (1.6 mm) x 20 cm
7011 14 090	14G (2.0 mm) x 9 cm, opt. co-axial needle MCXS1409LX
7011 14 150	14G (2.0 mm) x 15 cm, opt. co-axial needle MCXS1415LX
7011 14 200	14G (2.0 mm) x 20 cm

Optional Co-axial Introducer Needles *Box of 10*

MCXS2009LY	19G (1.0 mm) x 4.2 cm
MCXS2015LY	19G (1.0 mm) x 10.2 cm
MCXS1809LX	17G (1.4 mm) x 3.9 cm
MCXS1815LX	17G (1.4 mm) x 9.9 cm
MCXS1820LX	17G (1.4 mm) x 14.9 cm
MCXS1609LX	15G (1.8 mm) x 3.9 cm
MCXS1615LX	15G (1.8 mm) x 9.9 cm
MCXS1409LX	13G (2.3 mm) x 3.9 cm
MCXS1415LX	13G (2.3 mm) x 9.9 cm

Soft Tissue Biopsy Needles

MaxiCELL®biopsy needle harvests more aspiration for cytological evaluation.

- Harvests on both forward and backward thrusts of the needle, achieving a greater quantity of harvested cells.
- A 30 degree matched ground needle tip geometry helps harvest a cluster of intact cells.
- Each needle has numerically ordered centimetre markings on the outer cannula to facilitate depth placement.
- Available with an echogenic tip on the outer cannula to promote accurate placement under ultrasound guidance.
- Each needle has a unique, adjustable needle stop, which allows you to restrict forward movement, effectively localizing the needle tip to the biopsy site.

Soft Tissue Biopsy Needles: MaxiCELL™   *Box of 10*

MMC2202	22G (0.7 mm) x 5 cm
MMC2202US	22G (0.7 mm) x 5 cm, U/S
MMC2203	22G (0.7 mm) x 9 cm
MMC2203US	22G (0.7 mm) x 9 cm, U/S
MMC2206	22G (0.7 mm) x 15 cm
MMC2206US	22G (0.7 mm) x 15 cm, U/S
MMCI2203	22G x 9 cm, w/ 19G x 5 cm co-axial introducer needle
MMCI2203US	22G x 9 cm, w/ 19G x 5 cm co-axial intr. w/echogenic tip
MMCI2206	22G x 15 cm, w/ 19G x 11.4 cm co-axial intr. needle
MMCI2206US	22G x 15 cm, w/ 19G x 11.4 cm intr. w/echogenic tip

MaxiCELL™ MMC

Soft Tissue Biopsy Needles: Chiba   *Box of 10*

MCN2203	22G (0.7 mm) x 9 cm, ID ,019˝ (0.48 mm)
MCN2203US	22G (0.7 mm) x 9 cm, ID ,019˝ (0.48 mm)
MCN2206	22G (0.7 mm) x 15 cm, ID ,019˝ (0.48 mm)
MCN2206US	22G (0.7 mm) x 15 cm, ID ,019˝ (0.48 mm)
MCN2208	22G (0.7 mm) x 20 cm, ID ,019˝ (0.48 mm)
MCN2208US	22G (0.7 mm) x 20 cm, ID ,019˝ (0.48 mm)
MCN2003	20G (0.9 mm) x 9 cm, ID .025˝ (0.64 mm)
MCN2003US	20G (0.9 mm) x 9 cm, ID .025˝ (0.64 mm)
MCN2006	20G (0.9 mm) x 15 cm, ID .025˝ (0.64 mm)
MCN2006US	20G (0.9 mm) x 15 cm, ID .025˝ (0.64 mm)
MCN2008	20G (0.9 mm) x 20 cm, ID .025˝ (0.64 mm)
MCN2008US	20G (0.9 mm) x 20 cm, ID .025˝ (0.64 mm)
MCN1803	18G (1.2 mm) x 9cm, ID .037˝ (0.95 mm)
MCN1803US	18G (1.2 mm) x 9cm, ID .037˝ (0.95 mm)
MCN1806	18G (1.2 mm) x 15 cm, ID .037˝ (0.95 mm)
MCN1806US	18G (1.2 mm) x 15 cm, ID .037˝ (0.95 mm)
MCN1808	18G (1.2 mm) x 20 cm, ID .037˝ (0.95 mm)
MCN1808US	18G (1.2 mm) x 20 cm, ID .037˝ (0.95 mm)

Chiba MCN

Soft Tissue Biopsy Needles: Spinal   *Box of 10*
(not illustrated)

MSPN2203	22G (0.7 mm) x 9 cm, ID ,019˝ (0.48 mm)
MSPN2203US	22G (0.7 mm) x 9 cm, ID ,019˝ (0.48 mm)
MSPN2206	22G (0.7 mm) x 15 cm, ID ,019˝ (0.48 mm)
MSPN2206US	22G (0.7 mm) x 15 cm, ID ,019˝ (0.48 mm)
MSPN2208	22G (0.7 mm) x 20 cm, ID ,019˝ (0.48 mm)
MSPN2003	20G (0.9 mm) x 9 cm, ID .025˝ (0.64 mm)
MSPN2003US	20G (0.9 mm) x 9 cm, ID .025˝ (0.64 mm)
MSPN2006	20G (0.9 mm) x 15 cm, ID .025˝ (0.64 mm)
MSPN2006US	20G (0.9 mm) x 15 cm, ID .025˝ (0.64 mm)
MSPN1803	18G (1.2 mm) x 9 cm, ID .037˝ (0.95 mm)
MSPN1806	18G (1.2 mm) x 15 cm, ID .037˝ (0.95 mm)

Core specimen needles for histological evaluation: Franseen, Greene or Westcott:

Soft Tissue Biopsy Needles: Franseen   *Box of 10*

MFN2203	22G (0.7 mm) x 9 cm
MFN2203US	22G (0.7 mm) x 9 cm
MFN2206	22G (0.7 mm) x 15 cm
MFN2206US	22G (0.7 mm) x 15 cm
MFN2208	22G (0.7 mm) x 20 cm
MFN2208US	22G (0.7 mm) x 20 cm
MFN2003	20G (0.9 mm) x 9 cm
MFN2003US	20G (0.9 mm) x 9 cm
MFN2006	20G (0.9 mm) x 15 cm
MFN2006US	20G (0.9 mm) x 15 cm
MFN2008	20G (0.9 mm) x 20 cm
MFN2008US	20G (0.9 mm) x 20 cm
MFN1803	18G (1.2 mm) x 9 cm
MFN1803US	18G (1.2 mm) x 9 cm
MFN1806	18G (1.2 mm) x 15 cm
MFN1806US	18G (1.2 mm) x 15 cm
MFN1808	18G (1.2 mm) x 20 cm
MFN1808US	18G (1.2 mm) x 20 cm

Franseen MFN

Soft Tissue Biopsy Needles: Greene Style   *Box of 10*

MGN2206X	22G (0.7 mm) x 15 cm incl. 19G x 10 cm introducer

Greene MGN

Soft Tissue Biopsy Needles: Westcott Style   *Box of 10*

MWN2203	22G (0.7 mm) x 9 cm
MWN2203US	22G (0.7 mm) x 9 cm
MWN2206	22G (0.7 mm) x 15 cm
MWN2206US	22G (0.7 mm) x 15 cm
MWN2208	22G (0.7 mm) x 20 cm
MWN2003	20G (0.9 mm) x 9 cm
MWN2003US	20G (0.9 mm) x 9 cm
MWN2006	20G (0.9 mm) x 15 cm
MWN2006US	20G (0.9 mm) x 15 cm
MWN2008	20G (0.9 mm) x 20 cm

Westcott MWN

Locking Syringe
(not illustrated)   *Box of 10*

MLS1001	10 ml

T-Lok™ Bone Marrow Biopsy Needle

The ergonomically designed "twist-lock" handle, combined with the unique "double-diamond" stylet point , provide clinical comfort while easily penetrating hard bone

The T-Lok™ Bone Marrow Biopsy Needle includes our unique T-Lok™ Exctraction Cannula aimed at ensuring a superior quality biopsy by entrapping bone marrow in the needle without altering the architecture of the sample. The unique design provides an exceptional ability to capture and retain bone marrow specimens from multiple myeloma patients. An additional benefit of T-Lok™ is the elimination of a painful deflection technique to harvest a diagnostic quality specimen. A winning combination: Improved patient comfort, easier marrow sampling, Low risk of specimen loss, and better quality specimens.

Features include:
• Unique "double-diamond" stylet point designed for quick and easy penetration into the marrow cavity.
• "Twin Peaks" cutting edge on the tapered distal cannula tip provides superior biopsy coring ability.
• Ergonomically designed handle allows the clinician to apply suffi cient pressure for penetration without excessive hand fatigue.
• "Twist-Lock" design keeps the handle assembly intact during bone penetration.

T-Lok™ Bone Marrow Biopsy Needle   *Box of 10*

DBMNJ0804TL	8G x 4"	
DBMNJ0806TL	8G x 6"	
DBMNJ1104TL	11G x 4"	
DBMNJ1106TL	11G x 6"	
DBMNJ13025	13G x 2.5"	
DBMNJ1304	13G x 4"	

Bone Marrow Aspiration Needle

Safe and simple aspiration from the sternum or iliac crest The ergonomically designed "Twist-Lock" handle, combined with the match ground cannula and stylet points, provide clinician comfort while easily penetrating hard bone. 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. Available in two gauge sizes.

Features include:
• Luer lock connector on the handle for secure syringe attachment
• An adjustable, removable needle stop safely controls depth of penetration

Adjustable needle stop

Bone Marrow Aspiration Needle   *Box of 10*

DBMNI1501	15G x 2.688"	
DBMNI1504	15G x 4"	
DBMNI1601	16G x 2.688"	

Techna-Cut™ Biopsy Needle

The Techna-Cut™ is designed to perform simple, reliable biopsies of soft tissue. The Trocar Style needle tip allows for easy direct puncture while minimizing tissue damage.

- Unique design allows for easy specimen retrieval.
- Numerically ordered centimetre markings on the outer cannula facilitate precise depth placement.
- A precise cutting edge on the outer cannula contributes to a complete, intact core specimen.
- A unique stylet design, combined with a locking syringe, provides excellent vacuum for maximizing specimen retention in the outer cannula.

TCBN

TCBN

Techna-Cut™ Biopsy Needle   *Box of 10*

TCBN2107X	21G (0.8 mm) x 7 cm
TCBN2110X	21G (0.8 mm) x 10 cm
TCBN2115X	21G (0.8 mm) x 15 cm
TCBN1907X	19G (1.0 mm) x 7 cm
TCBN1910X	19G (1.0 mm) x 10 cm
TCBN1915X	19G (1.0 mm) x 15 cm

Osty-Core™ Bone Biopsy Needle

Unmatched ease in needle placement and biopsy coring. The unique tip geometry of the Osty-Core™ Bone Biopsy Needle is designed to provide superior needle entry and coring characteristics without distorting the biopsy specimen. All needles are 16G, available in three lengths.

- The ergonomic handle features a "Twist-Lock" design, which 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.
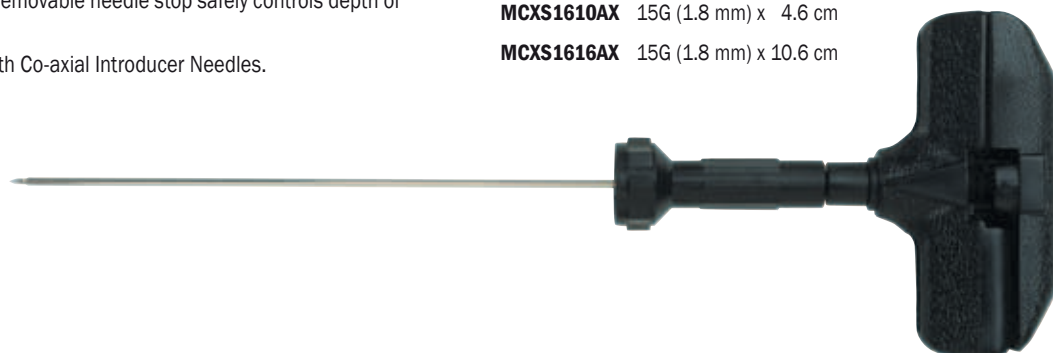
Osty-Core™ Bone Biopsy Needle   *Box of 10*

OBN16075	16G (1.6 mm) x 7.5 cm
OBN16125	16G (1.6 mm) x 12.5 cm, optional co-axial needle MCXS1610AX
OBN16165	16G (1.6 mm) x 16.5 cm, optional co-axial needle MCXS1616AX

Optional Co-axial Introducer Needles   *Box of 10*

MCXS1610AX	15G (1.8 mm) x 4.6 cm
MCXS1616AX	15G (1.8 mm) x 10.6 cm

OBN

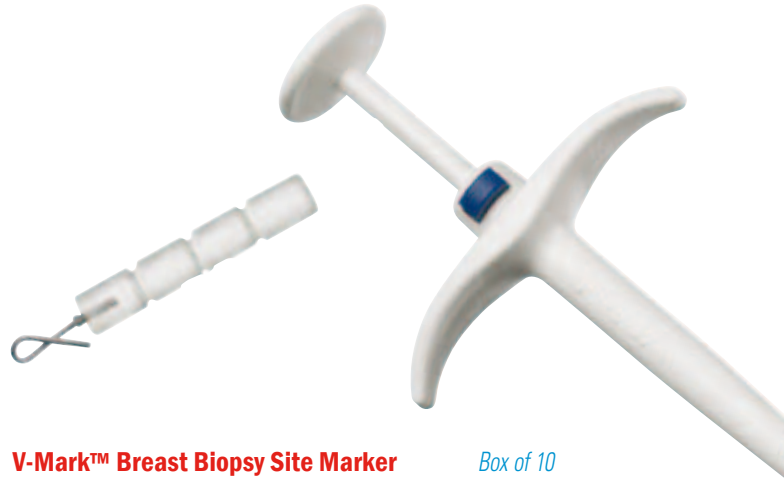# V·Mark™ Breast Biopsy Site Marker

V·Mark™ is a state-of-the-art patented device, which combines a bio-absorbable plug and a permanent anchor, to permanently 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.

The bio-absorbable plug provides ultrasound visibility for up to six weeks, and allows for rapid and accurate marker placement under ultrasound guidance. The titanium hook allows for permanent visibility under MRI and mammography. V·Mark™ is a major step forward in the marking of breast lesions.

- V·Mark'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 provides ultrasound visibility for a predictable period of time in breast tissue.
- V·Mark™ is designed to provide easy future identification of the breast biopsy site.

V·Mark™ Breast Biopsy Site Marker is available in 3 delivery systems:

- 11G Mammotome® vacuum assisted biopsy system
- 9G / 12G for use with Suros Vacuum Assisted Biopsy System
- 14G Breast Biopsy Site Marker for use with 14G Systems or Ultrasound Guidance

V-Mark™ Breast Biopsy Site Marker   *Box of 10*

7664 11 150T	Compatible with Mammotome® 11G Probe

V-Mark™ Breast Biopsy Site Marker for use with Suros Vacuum Assisted Biopsy System   *Box of 10*

7667 09 120SST	V•Mark™ for 9G needle sets
7667 12 120SST	V•Mark™ for 12G needle sets

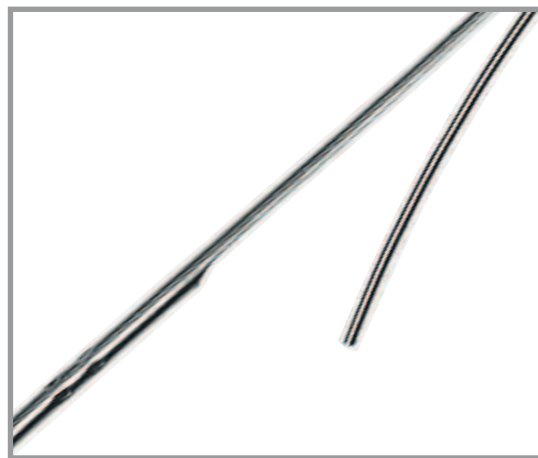### V-Mark™ Breast Biopsy Site Marker (Sharp TIp) for use with 14G Systems or Ultrasound Guidance *Box of 10*

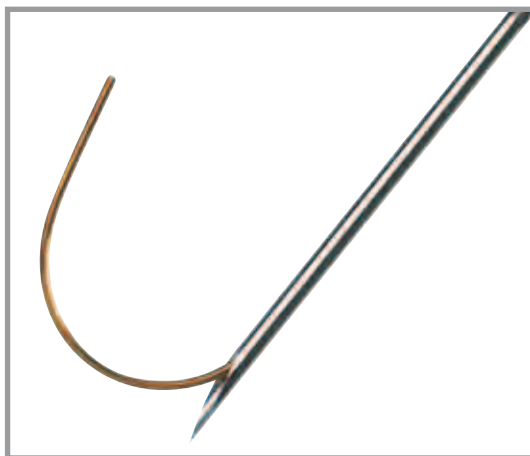|	
7669 14100SST	15G x 10.8 cm
7669 14180SST	15G x 18.8 cm

Mammotome is a registered trademark of Johnson & Johnson Corporation.

7664

7667

Mam

mography

Repositionable Breast Localization Needles

Homer Mammalok® Gold in a strong, flexible J-curved wire, which may be retracted and repositioned as often as necessary to achieve accurate placement.

- Exclusive J-curved 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.
- Unique alloy wire greatly reduces the risk of accidental wire transection during surgical biopsy.
- System provides a palpable guide to the surgeon, thereby offering a choice of paths to the lesion.
- Easy-to-read centimetre markings facilitate accurate depth placement.

Improvements in the Gold version:
- Increased ease in retracting the wire.
- 15-20% more tensile strength over the previous design further improves the reduced risk of wire transaction during the surgical intervention.

Homer Mammalok® Gold Breast Localization Needle *Box of 10*

231030G	20G (0.9 mm) x 3 cm
231050G	20G (0.9 mm) x 5 cm
231075G	20G (0.9 mm) x 7.5 cm
231100G	20G (0.9 mm) x 10 cm
231125G	20G (0.9 mm) x 12.5 cm

Homer Mammalok Gold®

Mammalok® is a registered trademark of MITEK Surgical Products, Inc.

Hawkins™ II is uniquely repositionable to achieve accurate placement.

- Now 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 patented side "barb" for temporary fixation during a confirming mammogram. The needle is easily repositioned, if necessary.
- Easy-to-read centimetre markings facilitate accurate depth placement. A "throated" needle hub for easy wire loading.
- Exclusive 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 2.5 cm from distal tip, serves as a "landmark" for the surgeon.

Hawkins™ I Breast Localization Needle *Box of 10*

251050	20G (0.9 mm) x 5 cm
251075	20G (0.9 mm) x 7,5 cm
251100	20G (0.9 mm) x 10 cm
251125	20G (0.9 mm) x 12.5 cm

Hawkins™ II Breast Localization Needle with FlexStrand™ *Box of 10*

252050	20G (0.9 mm) x 5 cm
252075	20G (0.9 mm) x 7.5 cm
252100	20G (0.9 mm) x 10 cm
252125	20G (0.9 mm) x 12.5 cm

Hawkins™ II Breast Localization Needle with Hardwire *Box of 10*

242050	20G (0.9 mm) x 5 cm
242075	20G (0.9 mm) x 7.5 cm
242100	20G (0.9 mm) x 10 cm
242125	20G (0.9 mm) x 12.5 cm

Hawkins™ II

Retention clip

Non-Repositionable Breast Localization Needles

Hawkins™ III

- Now available in two wire choices: FlexStrand™, a 19-strand "cable", providing maximum flexibility with minimal risk of transection, or a traditional hardwire, which minimizes "flex" during placement.
- Both wires offer a patented "barb" retention design, which has been clinically proven to provide superior anchoring strength. Available in five needle lengths.
- Easy-to-read centimetre markings facilitate accurate depth placement. A "throated" needle hub for easy wire loading.
- Exclusive 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.

Hawkins™ III Breast Localization Needle with Echogenic Tip and Hardwire
Box of 10

244030	20G (0.9 mm) x 3 cm
244050	20G (0.9 mm) x 5 cm
244075	20G (0.9 mm) x 7.5 cm
244100	20G (0.9 mm) x 10 cm
244125	20G (0.9 mm) x 12.5 cm

Hawkins™ III

Hawkins™ III Breast Localization Needle with FlexStrand™
Box of 10

253030	20G (0.9 mm) x 3 cm
253050	20G (0.9 mm) x 5 cm
253075	20G (0.9 mm) x 7,5 cm
253100	20G (0.9 mm) x 10 cm
253125	20G (0.9 mm) x 12.5 cm

Hawkins™ III Breast Localization Needle with Hardwire
Box of 10

243030	20G (0.9 mm) x 3 cm
243050	20G (0.9 mm) x 5 cm
243075	20G (0.9 mm) x 7.5 cm
243100	20G (0.9 mm) x 10 cm
243125	20G (0.9 mm) x 12.5 cm

"D" Wire Breast Localization Needle

- A D-shaped wire which provides a greatly increased cross sectional area aimed at reducing the risk of surgical transection. The tip of the hookwire is welded to significantly increase anchoring strength.
- Easy-to-read centimeter marks facilitate accurate depth placement. A "throated" needle hub gives easy wire loading.
- End hole needle allows for dye injection or aspiration of fluid.

"D" Wire Breast Localization Needle
Box of 10

BLND2003	20G (0.9 mm) x 3 cm
BLND2005	20G (0.9 mm) x 5 cm
BLND20075	20G (0.9 mm) x 7.5 cm
BLND2010	20G (0.9 mm) x 10 cm
BLND2015	20G (0.9 mm) x 15 cm

D-Wire BLND

Accura™ Breast Localizations Needle (Kopans™ style)

- The Accura™ is a traditional, springhook hardwire with stiffener design, which is available in a variety of lengths and two gauge sizes; 20G and 21G.

Accura™ Breast Localizations Needle (Kopans™ style)
Box of 10

BLN2103	21G (0.8 mm) x 3 cm
BLN2105	21G (0.8 mm) x 5 cm
BLN21075	21G (0.8 mm) x 7,5 cm
BLN2110	21G (0.8 mm) x 10 cm
BLN2003	20G (0.9 mm) x 3 cm
BLN2005	20G (0.9 mm) x 5 cm
BLN20075	20G (0.9 mm) x 7.5 cm
BLN2010	20G (0.9 mm) x 10 cm
BLN2015	20G (0.9 mm) x 15 cm

Accura™

Accura™ II Breast Localizations Needle (Sadowsky Style)

- The Accura™ II needle comes in a separate sterile package, a unique 23G stiffening cannula is included. 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.
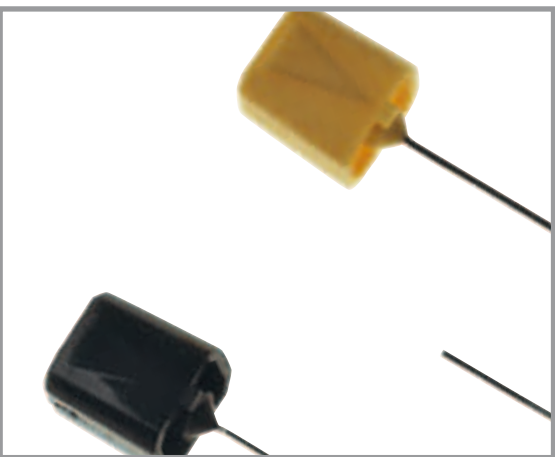
Accura™ II Breast Localizations Needle (Sadowsky™ style)
Box of 10

266050	20G (0.9 mm) x 5 cm
266075	20G (0.9 mm) x 7.5 cm
266100	20G (0.9 mm) x 10 cm
266125	20G (0.9 mm) x 12.5 cm

Special

Radiology

Enteroclysis Catheters

The Enteroclysis Catheter is made of soft radiopaque polyvinyl-chloride for single or double contrast examination of the small bowel.

- 13F soft radiopaque catheter with a non-latex balloon.
- A large internal diameter allowing good contrast flow and a small external size for reduced patient discomfort.
- Stiff curved PTFE coated guidewire offers steerability of the catheter tip.
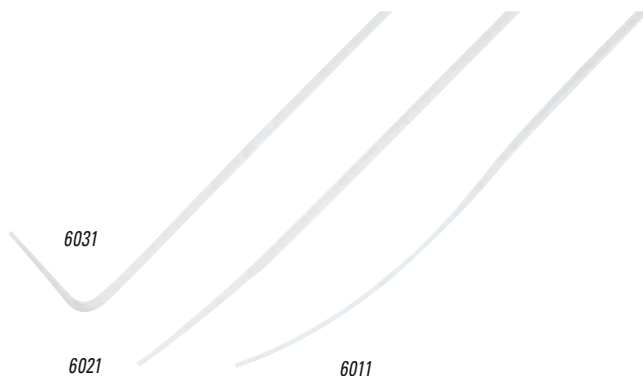- The balloon prevents duodeno-gastric reflux of contrast media during examination.

Enteroclysis Catheter   *Box of 2*

6067 13 000   Set, 13F x 140 cm enteroclysis catheter with balloon, .052˝ (1.32 mm) x 150 cm stiffening wire with torque device

6067

Galactography/Sialography Products

6031

6021   *6011*
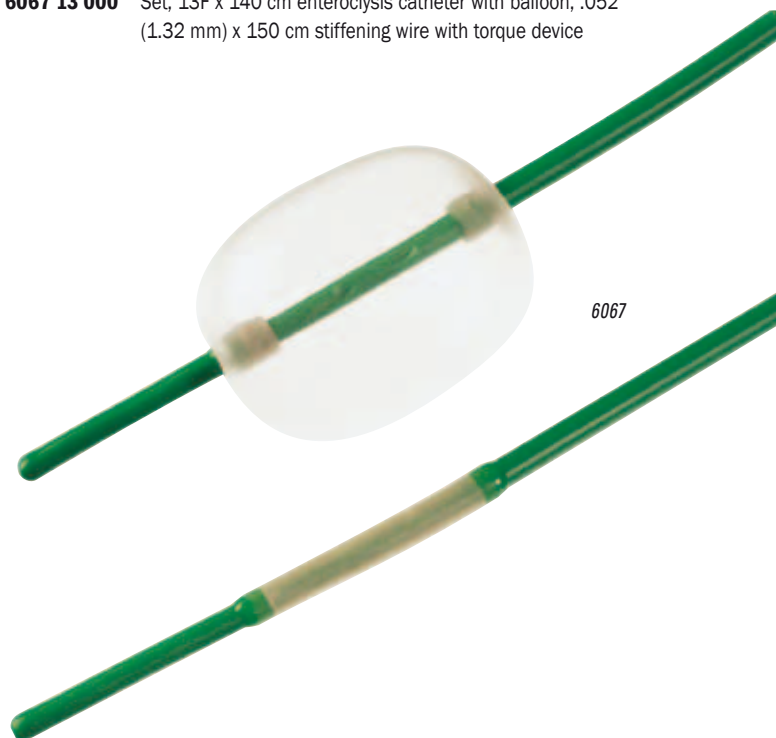
Polyethylene catheter or fine blunt cannula.

- Non-metal - atraumatic and no artefacts on X-ray.
- Nylon thread for cannulation and co-axial introduction.
- Dilators and injection cannula have blunt ends to minimize puncture of the duct walls.

Galactography/Sialography Products   *Box of 10*

|	
6011 01 010	10 cm medium straight with nylon stylet and female luer lock
6011 01 018	18 cm medium straight with nylon stylet and female luer lock
6021 01 018	18 cm hard straight with female luer lock
6031 01 018	18 cm hard 90 degrees bend with female luer lock
DGK002SX	Set, 30G (0.3 mm) x 2 cm straight cannula with flexible tube, 2 dilators, 1 ml syringe
DGK002X	Set, 30G (0.3 mm) x 2 cm curved cannula with flexible tube, 2 dilators, 1 ml syringe
RTD001X	Set, 24G (0.5 mm) x 2 cm curved cannula 6 dilators, 1 ml syringe
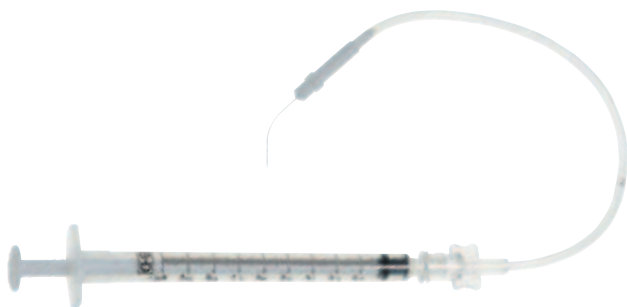
DGK002X
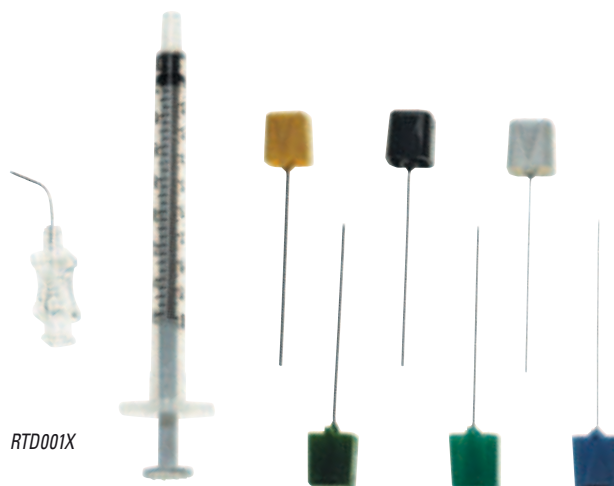
RTD001X

Duodenography Catheters and Sets

Radiopaque polyvinylchloride catheter with closed end and 6 side holes for even distribution of contrast. The catheter is fitted with female luer lock for secure connection to syringe. Available as a set or as single-packed products.

- Soft radiopaque flexible catheter for quick introduction.
- Round tip for atraumatic introduction.
- Malleable PTFE coated stiffening wire with knob to facilitate insertion and manipulation.
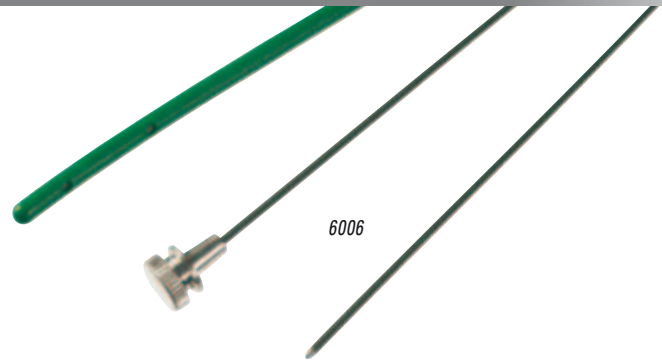
6006

Duodenography Catheters   *Box of 10*

6006 10 150   10F x 150 cm duodenography catheter

6006 12 150   12F x 150 cm duodenography catheter

6006 14 150   14F x 150 cm duodenography catheter

WORKER® Guidewires   *Box of 10*
Stiffening wire for duodenography

1175 52 150   .052˝ (1.32 mm) x 150 cm

Duodenography Sets   *Box of 5*
incl.Duodenography catheter and WORKER® Guidewire

6006 10 000   Set, 10F x 150 cm duodenography catheter, .052˝ (1.32 mm) x 150 cm stiffening wire with knob

6006 12 000   Set, 12F x 150 cm duodenography catheter, .052˝ (1.32 mm) x 150 cm stiffening wire with knob

6006 14 000   Set, 14F x 150 cm duodenography catheter, .052˝ (1.32 mm) x 150 cm stiffening wire with knob

Cholangiography Set

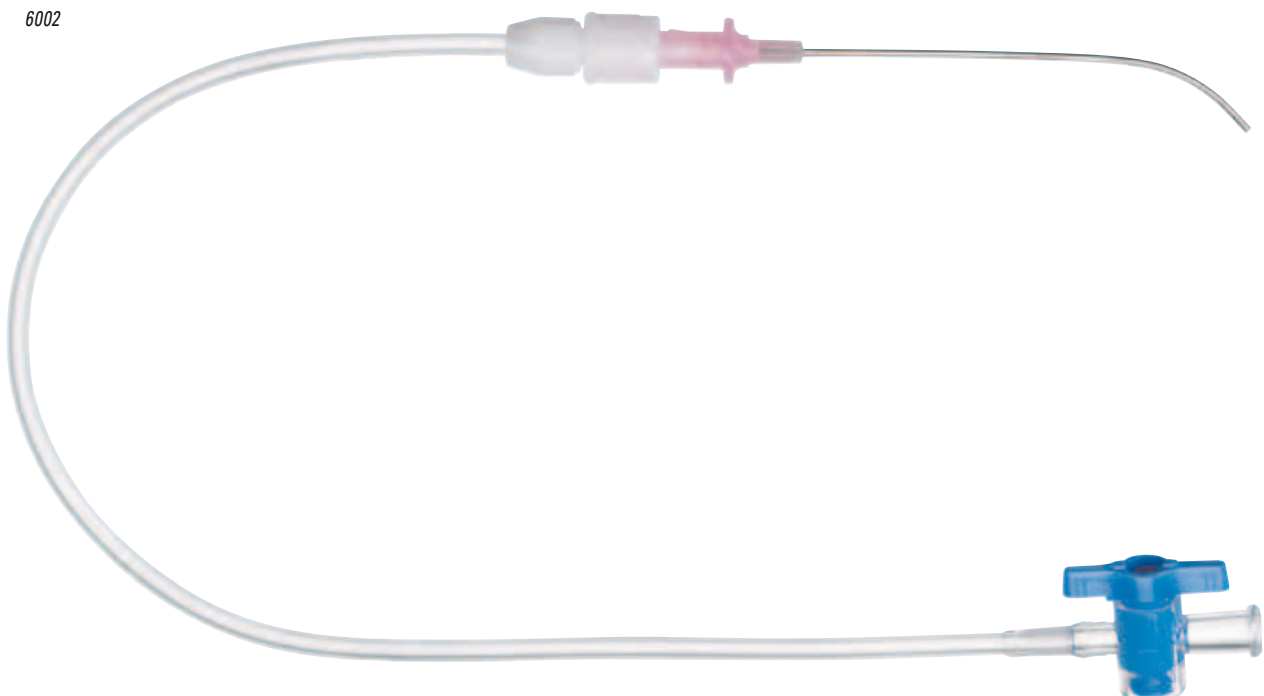A blunt cannula with a connecting tube for contrast injection.

- Injection cannula is blunt to minimize puncture of the common bile duct or choledochus.

Cholangiography Set   *Box of 10*

6002 12 025   18G (1.2 mm) x 6.5 cm blunt curved needle with 25 cm connecting tube (female)

6002

HSG Catheters

The ideal choice of catheter for diagnostic procedures, such as radiological hysterosalpingography or hydro hysterosonography. The HSG catheter has a soft, concentric, non-latex balloon, which prevents leakage of saline or contrast media.

- Open ended, round distal tip provides atraumatic insertion with uniform contrast distribution.
- The unique, malleable introduction sheath easily positions the catheter through the cervix into the uterine cavity.
- Catheter shaft with good longitudinal steerability facilitates easy introduction into the cervical canal.
- Small catheter sizes allow introduction through an ultrasound probe.
- The open ended catheter allows guidewire introduction.

HSG Catheter   *Box of 10*

6600 05 040   5F x 40 cm, accepts guidewire .035" (0.89 mm)

6600 07 040   7F x 40 cm, accepts guidewire .038" (0.97 mm)

6600

Notes

Notes

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