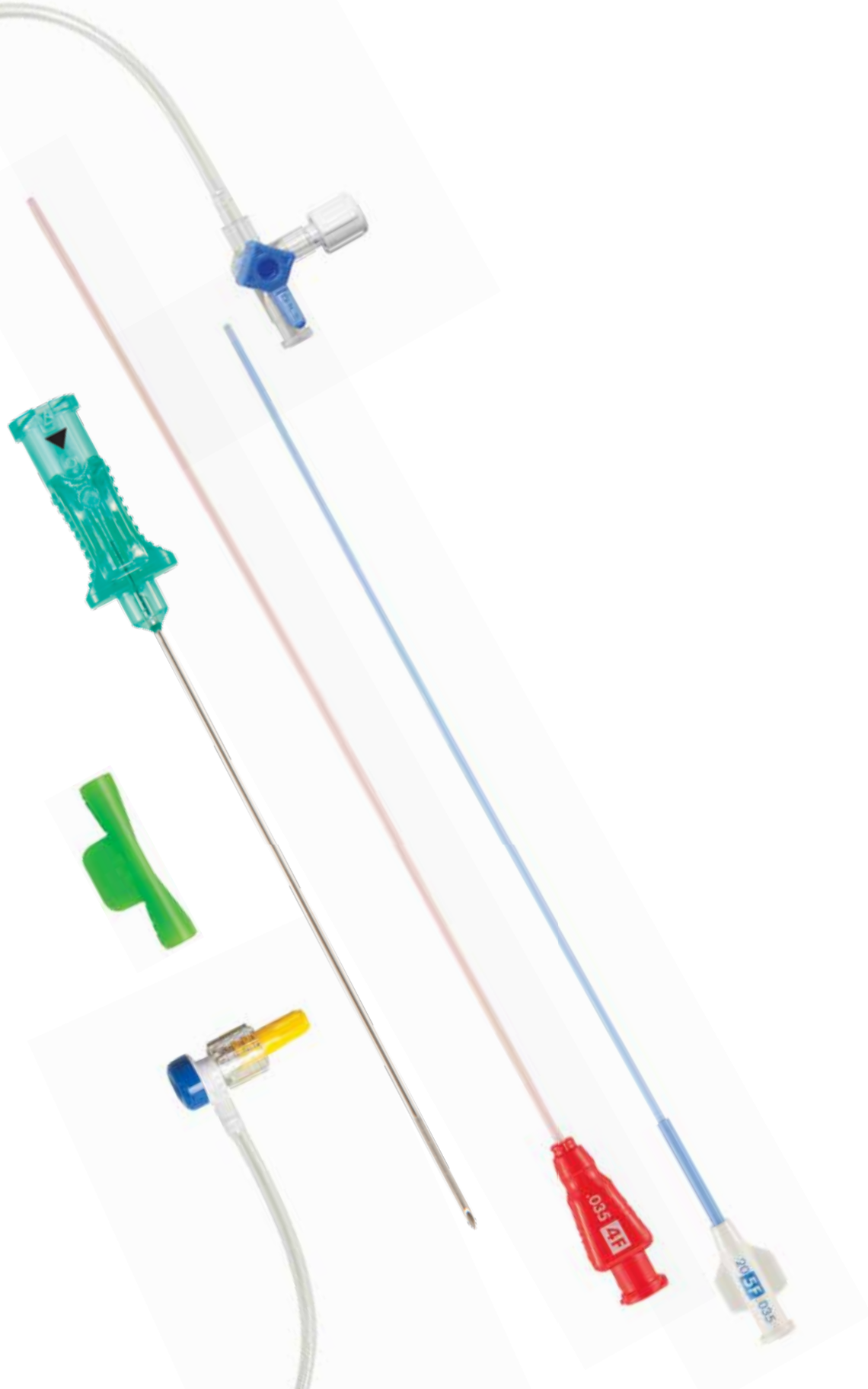




PERIPHERAL INTERVENTION

ACCESS



NEEDLES

Merit Advance® Angiographic Needles	3
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MERIT ADVANCE® ANGIOGRAPHIC NEEDLES

The Merit Advance angiographic needle has a unique hub design with an ergonomic feel and an arrow that clearly orients the bevel. Its increased sharpness facilitates entry into tissue and vessel walls and was designed for smooth guide wire insertion and removal of the needle over the wire.

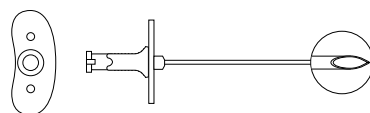
Catalogue Number	Gauge	Wall Thickness	Accepts Guide Wire	Length (cm)	Length (inches)	Finish
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ONE-WALL STYLE NEEDLE



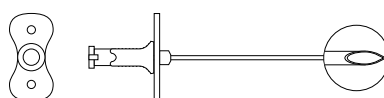
AD18T51W	18	Thin	.038" (0.97 mm)	5.0	2	Smooth
AD18T71W	18	Thin	.038" (0.97 mm)	7.0	2 3/4	Smooth
AD18T71W-E	18	Thin	.038" (0.97 mm)	7.0	2 3/4	Echo
AD18T71WT	18	Thin	.038" (0.97 mm)	7.0	2 3/4	Smooth
AD18N91W	18	Normal	.038" (0.97 mm)	9.0	3 1/2	Smooth
AD19U41W	19	Ultra	.035" (0.89 mm)	4.0	1 1/2	Smooth
AD19U51W	19	Ultra	.035" (0.89 mm)	5.0	2	Smooth
AD19U71W	19	Ultra	.035" (0.89 mm)	7.0	2 3/4	Smooth
AD20T41W	20	Thin	.025" (0.64 mm)	4.0	1 1/2	Smooth
AD20T71W	20	Thin	.025" (0.64 mm)	7.0	2 3/4	Smooth
AD21T21W	21	Thin	.021" (0.53 mm)	2.5	1	Smooth
AD21T41W	21	Thin	.021" (0.53 mm)	4.0	1 1/2	Smooth
AD21T41W-E	21	Thin	.021" (0.53 mm)	4.0	1 1/2	Echo
AD21T71W	21	Thin	.021" (0.53 mm)	7.0	2 3/4	Smooth
AD21T71W-E	21	Thin	.021" (0.53 mm)	7.0	2 3/4	Echo
AD21T91W	21	Thin	.021" (0.53 mm)	9.0	3 1/2	Smooth
AD21T91W-E	21	Thin	.021" (0.53 mm)	9.0	3 1/2	Echo
AD21T91R*	21	Thin	.021" (0.53 mm)	9.0	3 1/2	Smooth
AD21T91RE*	21	Thin	.021" (0.53 mm)	9.0	3 1/2	Echo

ONE-WALL NEEDLE WITH SELDINGER SHIELD



AD18T51WS	18	Thin	.038" (0.97 mm)	5.0	2	Smooth
AD18T71WS	18	Thin	.038" (0.97 mm)	7.0	2 3/4	Smooth
AD19U71WS	19	Ultra	.035" (0.89 mm)	7.0	2 3/4	Smooth

ONE-WALL NEEDLE WITH COURNAND SHIELD



AD18T71WC	18	Thin	.038" (0.97 mm)	7.0	2 3/4	Smooth
AD19U41WC	19	Ultra	.035" (0.89 mm)	4.0	1 1/2	Smooth
AD19U71WC	19	Ultra	.035" (0.89 mm)	7.0	2 3/4	Smooth
AD21T41WC	21	Thin	.038" (0.97 mm)	4.0	1 1/2	Smooth

*Available 10 per box, 4 boxes per case; all other needles packaged 25 per box, 4 boxes per case.



AD21T71W-E

Merit Advance® Angiographic Needle
One-wall style needle, 21 gauge, with
echo-enhanced finish



AD18T51WS

Merit Advance® Angiographic Needle
One-wall style needle with
Seldinger shield, 18 gauge, with
smooth finish



AD18T71WC

Merit Advance® Angiographic Needle
One-wall style needle with
Courmand shield, 18 gauge, with
smooth finish

MERIT MAK™ - MINI ACCESS KITS

The Merit MAK kits allow you to start small, minimising bleeding and trauma to the surrounding tissue. Kits are available in 4F and 5F sizes and include the coaxial introducer/dilator pair, 21 gauge needle and 0.018" (0.46 mm) guide wire. For your convenience, all kit components are available separately. Merit MAK guide wires are available in many configurations to meet specific clinical needs. Guide wires are packaged in a fully enclosed hoop to ensure they are protected and ready for use.

KIT INCLUDES:

- Coaxial Introducer/Dilator Pair
- 21G Needle
- Guide Wire



Catalogue Number	French Size	Length	Guide Wire Diameter/Length	Guide Wire Core/Tip	Needle Gauge/Length	Qty/Box
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STANDARD 7 CM NEEDLE KITS

MAK401	4	10 cm	0.018" (0.46 mm) x 40 cm	SS/SS	21G x 7 cm	10
MAK501	5	10 cm	0.018" (0.46 mm) x 40 cm	SS/SS	21G x 7 cm	10
MAK401N	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
MAK401NPD	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
MAK501N	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
MAK501NPD	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
MAK501N-15	5	15 cm	0.018" (0.46 mm) x 60 cm	NT/PT	21G x 7 cm	10
MAK405	4	10 cm	0.018" (0.46 mm) x 40 cm	SS/PT	21G x 7 cm	10
MAK405PD	4	10 cm	0.018" (0.46 mm) x 40 cm	SS/PD	21G x 7 cm	10
MAK505	5	10 cm	0.018" (0.46 mm) x 40 cm	SS/PT	21G x 7 cm	10
MAK505PD	5	10 cm	0.018" (0.46 mm) x 40 cm	SS/PD	21G x 7 cm	10

ECHO-ENHANCED 7 CM NEEDLE KITS

MAK401-E	4	10 cm	0.018" (0.46 mm) x 40 cm	SS/SS	21G x 7 cm	10
MAK501-E	5	10 cm	0.018" (0.46 mm) x 40 cm	SS/SS	21G x 7 cm	10
MAK401N-E	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
MAK401NPD-E	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
MAK501N-E	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
MAK501NPD-E	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
MAK405-E	4	10 cm	0.018" (0.46 mm) x 40 cm	SS/PT	21G x 7 cm	10
MAK505-E	5	10 cm	0.018" (0.46 mm) x 40 cm	SS/PT	21G x 7 cm	10

ECHO-ENHANCED 4 CM NEEDLE KITS

MAK401-PED	4	10 cm	0.018" (0.46 mm) x 40 cm	SS/SS	21G x 4 cm	10
MAK501-PED	5	10 cm	0.018" (0.46 mm) x 40 cm	SS/SS	21G x 4 cm	10
MAK401N-PED	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 4 cm	10
MAK501N-PED	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 4 cm	10

SS = Stainless Steel PT = Platinum Tip NT = Nitinol PD = Palladium Tip

MERIT S-MAK™ - STIFFENED MINI ACCESS KITS

The Merit S-MAK provides access to the vascular system and facilitates the placement of 0.035" (0.89 mm) or 0.038" (0.97 mm) guide wires. The S-MAK kits allow you to start small, minimising bleeding and trauma to the surrounding tissue and are especially useful for access through difficult scar tissue. Kits are available in 4F and 5F sizes. For your convenience, all kit components are also available sterile, standalone.

KIT INCLUDES:

- Coaxial Introducer/Stiffened Dilator Pair
- 21G Echo-Enhanced Needle
- Guide Wire
- BowTie™ Guide Wire Insertion Device (not included with all kits)



Catalogue Number	French Size	Introducer Length	Guide Wire Diameter/Length	Guide Wire Core/Tip	Needle Gauge/Length	Qty/Box
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STIFFENED DILATOR KITS WITH ECHO-ENHANCED 7 CM NEEDLE

S-MAK401	4	10 cm	0.018" (0.46 mm) x 40 cm	SS/SS	21G x 7 cm	10
S-MAK501	5	10 cm	0.018" (0.46 mm) x 40 cm	SS/SS	21G x 7 cm	10
S-MAK401N	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
S-MAK401NPD	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
S-MAK501NPD	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
S-MAK501N	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
S-MAK501N-15	5	15 cm	0.018" (0.46 mm) x 60 cm	NT/PT	21G x 7 cm	10
S-MAK405	4	10 cm	0.018" (0.46 mm) x 40 cm	SS/PT	21G x 7 cm	10
S-MAK505	5	10 cm	0.018" (0.46 mm) x 40 cm	SS/PT	21G x 7 cm	10

MERIT MAK™ & S-MAK™ KITS WITH BOWTIE™ GUIDE WIRE INSERTION DEVICE

MAK401NBT	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
MAK501NBT	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
MAK401NPDBT	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
MAK501NPDBT	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
MAK401NEBT*	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
MAK501NEBT*	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
MAK401NPDEBT*	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
MAK501NPDEBT*	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
S-MAK401NBT*	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
S-MAK501NBT*	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PT	21G x 7 cm	10
S-MAK401NPDBT*	4	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
S-MAK501NPDBT*	5	10 cm	0.018" (0.46 mm) x 40 cm	NT/PD	21G x 7 cm	10
S-MAK501N15BT*	5	15 cm	0.018" (0.46 mm) x 60 cm	NT/PT	21G x 7 cm	10

SS = Stainless Steel PT = Platinum Tip NT = Nitinol PD = Palladium Tip

*Echo-enhanced needle

MERIT MAK™ & S-MAK™ ACCESSORIES

Catalogue Number	French Size	Introducer Length	Guide Wire Diameter/Length	Guide Wire Core/Tip	Needle Gauge/Length	Qty/Box
COAXIAL INTRODUCER/DILATOR PAIRS (INDIVIDUALLY POUCHED)						
MAK4F-10	4	10 cm	-	-	-	5
MAK5F-10	5	10 cm	-	-	-	5
MAK5F-15	5	15 cm	-	-	-	5
S-MAK4F-10	4	10 cm	(with stiffened dilator)	-	-	5
S-MAK5F-10	5	10 cm	(with stiffened dilator)	-	-	5
S-MAK5F-15	5	15 cm	(with stiffened dilator)	-	-	5

GUIDE WIRES (CONTAINED IN A HOOP AND INDIVIDUALLY POUCHED)

MAK001	-	-	0.018" (0.46 mm) x 40 cm	SS/SS	-	10
MAK001N	-	-	0.018" (0.46 mm) x 40 cm	NT/PT	-	10
MAK001N-60	-	-	0.018" (0.46 mm) x 60 cm	NT/PT	-	10
MAK001N-80	-	-	0.018" (0.46 mm) x 80 cm	NT/PT	-	10
MAKNTPD	-	-	0.018" (0.46 mm) x 40 cm	NT/PD	-	10
MAK005	-	-	0.018" (0.46 mm) x 40 cm	SS/PT	-	10
MAK005-60	-	-	0.018" (0.46 mm) x 60 cm	SS/PT	-	10
MAKSSPD	-	-	0.018" (0.46 mm) x 40 cm	SS/PD	-	10

NEEDLES (INDIVIDUALLY POUCHED)

AD21T21W	-	-	-	-	21G X 2.5 cm	25
AD21T41W	-	-	-	-	21G X 4 cm	25
AD21T71W	-	-	-	-	21G X 7 cm	25
AD21T91W	-	-	-	-	21G X 9 cm	25
AD21T41W-E*	-	-	-	-	21G X 4 cm	25
AD21T71W-E*	-	-	-	-	21G X 7 cm	25
AD21T91W-E*	-	-	-	-	21G X 9 cm	25

SS = Stainless Steel PT = Platinum Tip NT = Nitinol PD = Palladium Tip

* Echo-enhanced needle

PRELUDE® DILATORS

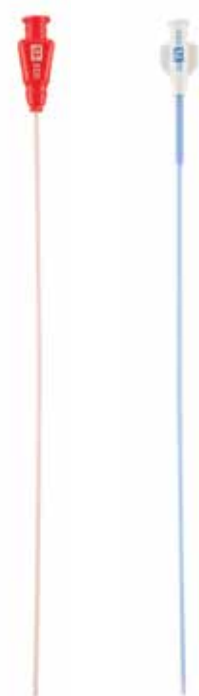
The Prelude Dilator may be used with any Prelude Sheath Introducer in lengths of 4 cm, 7 cm, and 11 cm. The dilators are packaged individually for your convenience; 10 per box.

Catalogue Number	French Size	Length	Maximum Guide Wire	Hub Colour
PD4F035	4	16 cm	0.035" (0.89 mm)	red
PD5F038	5	16 cm	0.038" (0.97 mm)	gray
PD6F038	6	16 cm	0.038" (0.97 mm)	green
PD7F038	7	16 cm	0.038" (0.97 mm)	orange
PD8F038	8	16 cm	0.038" (0.97 mm)	blue

VESSEL DILATORS

Merit Medical's Vessel Dilators allow you to pre-dilate the access site when needed. Dilators are packaged individually for your convenience. Packaged in pouch; 10 per box.

Catalogue Number	French Size	Length	Recommended Guide Wire
3339-21	5	20 cm	0.035" (0.89 mm)
3339-31	4	20 cm	0.035" (0.89 mm)
3339-41	6	20 cm	0.038" (0.97 mm)
3339-51	5	20 cm	0.038" (0.97 mm)



PD4F035 3339-21

PRELUDE® SHEATH INTRODUCERS WITH MARKER TIP

The Prelude Sheath Introducers with Marker Tip are available in 11 cm (comes with PreludePRO™ polypropylene tubing) and 23 cm (comes with standard Prelude tubing). The sheaths have a highly radiopaque marker tip allowing for increased visibility of the sheath tip under fluoroscopy. Products are available with and without double ended, stainless steel guide wire.



Catalogue Number	French Size	Sheath Length	Guide Wire Diameter/Length	Hub Colour
PRO-4F-11-035MT	4	11 cm	0.035" (0.89 mm) x 50 cm	red
PRO-5F-11-035MT	5	11 cm	0.035" (0.89 mm) x 50 cm	gray
PRO-6F-11-035MT	6	11 cm	0.035" (0.89 mm) x 50 cm	green
PRO-7F-11-035MT	7	11 cm	0.035" (0.89 mm) x 50 cm	orange
PRO-8F-11-035MT	8	11 cm	0.035" (0.89 mm) x 50 cm	blue
PRO-5F-11-038MT	5	11 cm	0.038" (0.97 mm) x 50 cm	gray
PRO-6F-11-038MT	6	11 cm	0.038" (0.97 mm) x 50 cm	green
PRO-7F-11-038MT	7	11 cm	0.038" (0.97 mm) x 50 cm	orange
PRO-8F-11-038MT	8	11 cm	0.038" (0.97 mm) x 50 cm	blue
PRO-4F-11MT	4	11 cm	N/A	red
PRO-5F-11MT	5	11 cm	N/A	gray
PRO-6F-11MT	6	11 cm	N/A	green
PRO-7F-11MT	7	11 cm	N/A	orange
PRO-8F-11MT	8	11 cm	N/A	blue
PSI-4F-23-035MT	4	23 cm	0.035" (0.89 mm) x 80 cm	red
PSI-5F-23-035MT	5	23 cm	0.035" (0.89 mm) x 80 cm	gray
PSI-6F-23-035MT	6	23 cm	0.035" (0.89 mm) x 80 cm	green
PSI-7F-23-035MT	7	23 cm	0.035" (0.89 mm) x 80 cm	orange
PSI-8F-23-035MT	8	23 cm	0.035" (0.89 mm) x 80 cm	blue
PSI-5F-23-038MT	5	23 cm	0.038" (0.97 mm) x 80 cm	gray
PSI-6F-23-038MT	6	23 cm	0.038" (0.97 mm) x 80 cm	green
PSI-7F-23-038MT	7	23 cm	0.038" (0.97 mm) x 80 cm	orange
PSI-8F-23-038MT	8	23 cm	0.038" (0.97 mm) x 80 cm	blue
PSI-4F-23MT	4	23 cm	N/A	red
PSI-5F-23MT	5	23 cm	N/A	gray
PSI-6F-23MT	6	23 cm	N/A	green
PSI-7F-23MT	7	23 cm	N/A	orange
PSI-8F-23MT	8	23 cm	N/A	blue

Packaged in holster; 5 per box.

PRELUDE® SHORT SHEATH INTRODUCERS

The Prelude Short Sheath Introducer provides access to dialysis fistulas and grafts. Can be used for declot, angioplasty and thrombolysis procedures, as well as temporary haemodialysis. These sheaths offer excellent transitions and material characteristics for easy and smooth access. Will accommodate flow rates up to 600 mL/min. Includes removable stopcock.



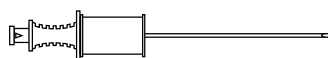
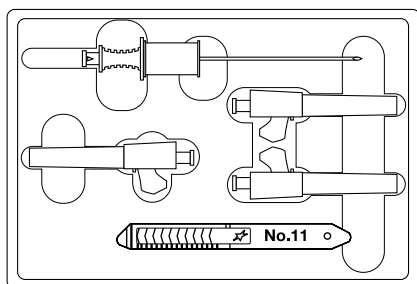
Catalogue Number	French Size	Sheath Length	Guide Wire Diameter/Length	Needle Gauge/Length	Hub Colour	Qty/Box
PSS-5F-4-018MT*	5	4 cm	0.018" (0.46 mm) x 40 cm	21G x 4 cm	gray	5
PSS-6F-4-018MT	6	4 cm	0.018" (0.46 mm) x 40 cm	21G x 4 cm	green	5
PSS-7F-4-018MT	7	4 cm	0.018" (0.46 mm) x 40 cm	21G x 4 cm	orange	5
PSS-8F-4-018MT	8	4 cm	0.018" (0.46 mm) x 40 cm	21G x 4 cm	blue	5
PSS-5F-4-035MT**	5	4 cm	0.035" (0.89 mm) x 50 cm	–	gray	5
PSS-6F-4-035MT	6	4 cm	0.035" (0.89 mm) x 50 cm	–	green	5
PSS-7F-4-035MT	7	4 cm	0.035" (0.89 mm) x 50 cm	–	orange	5
PSS-8F-4-035MT	8	4 cm	0.035" (0.89 mm) x 50 cm	–	blue	5
PSS-5F-4-038MT**	5	4 cm	0.038" (0.97 mm) x 50 cm	–	gray	5
PSS-6F-4-038MT	6	4 cm	0.038" (0.97 mm) x 50 cm	–	green	5
PSS-7F-4-038MT	7	4 cm	0.038" (0.97 mm) x 50 cm	–	orange	5
PSS-8F-4-038MT	8	4 cm	0.038" (0.97 mm) x 50 cm	–	blue	5
PSS-5F-4MT	5	4 cm	N/A	–	gray	5
PSS-6F-4MT	6	4 cm	N/A	–	green	5
PSS-7F-4MT	7	4 cm	N/A	–	orange	5
PSS-8F-4MT	8	4 cm	N/A	–	blue	5

* 0.018" guide wire is stainless steel with straight stainless steel flexible tip.

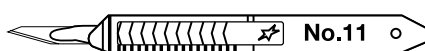
** 0.035" and 0.038" guide wires are stainless steel; double ended (3 mm J and floppy).

A-S-K MERIT ACCESS SAFETY KIT®

The A-S-K Merit Access Safety Kit incorporates new shielded technology that helps minimise the risk of sharps injuries associated with gaining vascular access. Packaged 25 units per box, 4 boxes per case.



(1) 18G 2 3/4" (7 cm) SecureLoc® Safety Introducer Needle



(1) #11 Futura® Safety Scalpel

Catalogue Number ASK200

Not available in countries where CE mark is required.

SecureLoc® is a registered trademark of Bard Access System, Inc.

In addition to a safety introducer needle and safety scalpel, the kit contains the following items:

- (1) 18G 1" (2.5 cm) shielded hypodermic needle
- (1) 25G 1" (2.5 cm) shielded hypodermic needle
- (1) 22G 1 1/2" (3.8 cm) shielded hypodermic needle

BOWTIE™ GUIDE WIRE INSERTION DEVICE

The BowTie Guide Wire Insertion Device is an elegant solution to the problem of aligning devices with micro guide wires. Simply insert your device, such as a mini access introducer, in one end of the BowTie and then place over your micro guide wire. After alignment, the BowTie is easily removed through a specially designed, tear-away slit. Packaged individually; 20 units per box.

Catalogue Number BT101



Easy – Insert the device halfway into the BowTie.

Quick – Place the BowTie and device over the proximal end of the guide wire.

Efficient – Remove the BowTie after "making ends meet."

HAEMOSTASIS VALVE ADAPTER

Minimises blood loss during the introduction of catheters or devices into the vasculature. Provides a side arm and 3-way stopcock to facilitate aspiration or infusion. May be used with devices that are 8F or smaller. Packaged 10 per box.

Catalogue Number HVA-100

