

VASCULAR ACCESS



PRELUDE[®] SHEATH INTRODUCERS

Merit Medical's Innovative Family
of Vascular Access Products

A GREAT INTRODUCTION

THE PRELUDE FAMILY OF SHEATH INTRODUCERS

A comprehensive product line offering excellent transitions, smooth insertion, custom kit configurations and more to meet your clinical needs.

EXCELLENT TRANSITIONS - help facilitate smooth insertion into vessel.

HEMOSTASIS VALVE - Minimizes blood leakage during procedure. Facilitates insertion and withdrawal of devices.

COLOR-CODED HUBS - Match standard French sizing for easy identification.

SNAP FIT DILATOR - Eliminates slipping during insertion. Easy to grasp surface with an audible snap.

ROTATING SUTURE RING - Rotates around device. Smooth surface. Large suture opening.

THREE-WAY STOPCOCK - Easy to grip handle facilitates flush and aspiration.

HOLSTER - Keeps all components secure, especially the guide wire. Components can be flushed while in the holster. All Prelude Sheaths are packaged in the holster (except Prelude Short Sheaths and PreludeEASE™ Hydrophilic Sheaths).

GUIDE WIRE OPTIONS - Multiple guide wire options to meet your procedural needs. All 0.035" (0.89mm) and 0.038" (0.97mm) guide wires are stainless steel, double ended (3mmJ and straight floppy).

CUSTOM KIT OPTIONS - Merit can tailor kits to meet your clinical needs.



PRELUDE®

SHEATH INTRODUCERS

The Prelude PSI sheath introducers are made from polyethylene tubing that offers kink resistance during insertion and use.

Catalog Number	French Size	Length	Guide Wire Included	Guide Wire Diameter	Guide Wire Length
PSI-4F-11-035	4F	11cm	Yes	0.035" (0.89mm)	50cm
PSI-5F-11-035	5F	11cm	Yes	0.035" (0.89mm)	50cm
PSI-6F-11-035	6F	11cm	Yes	0.035" (0.89mm)	50cm
PSI-7F-11-035	7F	11cm	Yes	0.035" (0.89mm)	50cm
PSI-8F-11-035	8F	11cm	Yes	0.035" (0.89mm)	50cm
PSI-5F-11-038	5F	11cm	Yes	0.038" (0.97mm)	50cm
PSI-6F-11-038	6F	11cm	Yes	0.038" (0.97mm)	50cm
PSI-7F-11-038	7F	11cm	Yes	0.038" (0.97mm)	50cm
PSI-8F-11-038	8F	11cm	Yes	0.038" (0.97mm)	50cm
PSI-4F-11	4F	11cm	No	-	
PSI-5F-11	5F	11cm	No	-	
PSI-6F-11	6F	11cm	No	-	
PSI-7F-11	7F	11cm	No	-	
PSI-8F-11	8F	11cm	No	-	
PSI-4F-23-035	4F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-5F-23-035	5F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-6F-23-035	6F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-7F-23-035	7F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-8F-23-035	8F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-5F-23-038	5F	23cm	Yes	0.038" (0.97mm)	80cm
PSI-6F-23-038	6F	23cm	Yes	0.038" (0.97mm)	80cm
PSI-7F-23-038	7F	23cm	Yes	0.038" (0.97mm)	80cm
PSI-8F-23-038	8F	23cm	Yes	0.038" (0.97mm)	80cm
PSI-4F-23	4F	23cm	No	-	
PSI-5F-23	5F	23cm	No	-	
PSI-6F-23	6F	23cm	No	-	
PSI-7F-23	7F	23cm	No	-	
PSI-8F-23	8F	23cm	No	-	

Packaged in holster; 5 per box



PRELUDEPRO®

SHEATH INTRODUCERS

Polypropylene (PRO) sheath tubing offers increased resilience and additional support during procedure.

Catalog Number	French Size	Length (cm)	Guide Wire	Guide Wire Diameter	Guide Wire Length
PRO-4F-11-035	4F	11 cm	Yes	0.035" (0.89mm)	50cm
PRO-5F-11-035	5F	11 cm	Yes	0.035" (0.89mm)	50cm
PRO-6F-11-035	6F	11 cm	Yes	0.035" (0.89mm)	50cm
PRO-7F-11-035	7F	11 cm	Yes	0.035" (0.89mm)	50cm
PRO-8F-11-035	8F	11 cm	Yes	0.035" (0.89mm)	50cm
PRO-5F-11-038	5F	11 cm	Yes	0.038" (0.97mm)	50cm
PRO-6F-11-038	6F	11 cm	Yes	0.038" (0.97mm)	50cm
PRO-7F-11-038	7F	11 cm	Yes	0.038" (0.97mm)	50cm
PRO-8F-11-038	8F	11 cm	Yes	0.038" (0.97mm)	50cm
PRO-4F-11	4F	11 cm	No	-	-
PRO-5F-11	5F	11 cm	No	-	-
PRO-6F-11	6F	11 cm	No	-	-
PRO-7F-11	7F	11 cm	No	-	-
PRO-8F-11	8F	11 cm	No	-	-

Packaged in holster; 5 per box



PRELUDE[®]

ACT SHEATH INTRODUCERS

The Prelude ACT (Activated Clotting Time) sheaths allow easy blood draw from the side arm – with or without a catheter in place. These half size sheaths are made from polypropylene tubing and have the same great properties as the other Prelude sheaths.

LARGE INNER DIAMETER SHEATH TUBING - Kink resistant, flexible and radiopaque. Facilitates pressure readings, flush and aspirations.

Catalog Number	French Size	Length (cm)	Guide Wire	Guide Wire Diameter	Guide Wire Length
PSI-4F-11-035ACT	4.5F	11cm	Yes	0.035" (0.89mm)	50cm
PSI-5F-11-038ACT	5.5F	11cm	Yes	0.038" (0.97mm)	50cm
PSI-6F-11-038ACT	6.5F	11cm	Yes	0.038" (0.97mm)	50cm
PSI-7F-11-038ACT	7.5F	11cm	Yes	0.038" (0.97mm)	50cm
PSI-8F-11-038ACT	8.5F	11cm	Yes	0.038" (0.97mm)	50cm
PSI-4F-11ACT	4.5F	11cm	No	-	-
PSI-5F-11ACT	5.5F	11cm	No	-	-
PSI-6F-11ACT	6.5F	11cm	No	-	-
PSI-7F-11ACT	7.5F	11cm	No	-	-
PSI-8F-11ACT	8.5F	11cm	No	-	-

Packaged in holster; 5 per box



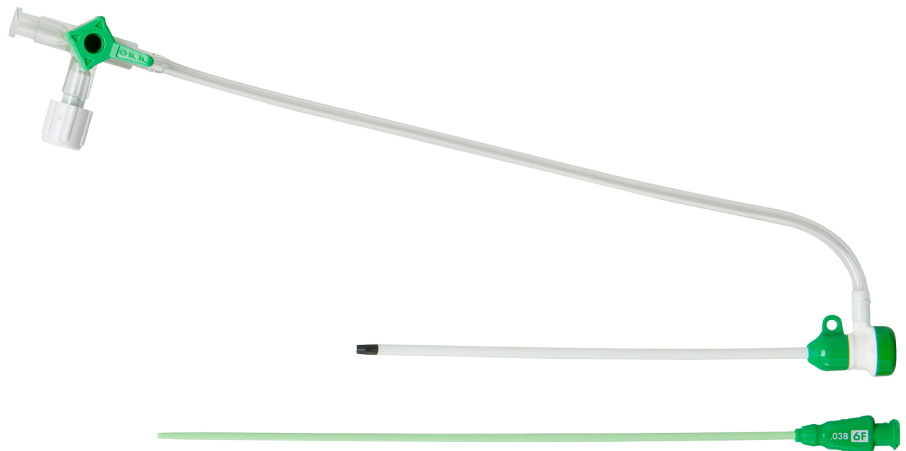
PRELUDE®

MARKER TIP SHEATH INTRODUCERS

Highly radiopaque marker provides increased visibility of the sheath tip when using fluoroscopy.

Catalog Number	French Size	Length (cm)	Guide Wire	Guide Wire Diameter	Guide Wire Length
PRO-4F-11-035MT	4F	11cm	Yes	0.035" (0.89mm)	50cm
PRO-5F-11-035MT	5F	11cm	Yes	0.035" (0.89mm)	50cm
PRO-6F-11-035MT	6F	11cm	Yes	0.035" (0.89mm)	50cm
PRO-7F-11-035MT	7F	11cm	Yes	0.035" (0.89mm)	50cm
PRO-8F-11-035MT	8F	11cm	Yes	0.035" (0.89mm)	50cm
PRO-5F-11-038MT	5F	11cm	Yes	0.038" (0.97mm)	50cm
PRO-6F-11-038MT	6F	11cm	Yes	0.038" (0.97mm)	50cm
PRO-7F-11-038MT	7F	11cm	Yes	0.038" (0.97mm)	50cm
PRO-8F-11-038MT	8F	11cm	Yes	0.038" (0.97mm)	50cm
PRO-4F-11MT	4F	11cm	No	-	-
PRO-5F-11MT	5F	11cm	No	-	-
PRO-6F-11MT	6F	11cm	No	-	-
PRO-7F-11MT	7F	11cm	No	-	-
PRO-8F-11MT	8F	11cm	No	-	-
PSI-4F-23-035MT	4F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-5F-23-035MT	5F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-6F-23-035MT	6F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-7F-23-035MT	7F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-8F-23-035MT	8F	23cm	Yes	0.035" (0.89mm)	80cm
PSI-5F-23-038MT	5F	23cm	Yes	0.038" (0.97mm)	80cm
PSI-6F-23-038MT	6F	23cm	Yes	0.038" (0.97mm)	80cm
PSI-7F-23-038MT	7F	23cm	Yes	0.038" (0.97mm)	80cm
PSI-8F-23-038MT	8F	23cm	Yes	0.038" (0.97mm)	80cm
PSI-4F-23MT	4F	23cm	No	-	-
PSI-5F-23MT	5F	23cm	No	-	-
PSI-6F-23MT	6F	23cm	No	-	-
PSI-7F-23MT	7F	23cm	No	-	-
PSI-8F-23MT	8F	23cm	No	-	-

All catalog numbers beginning with PRO are made with polypropylene sheath tubing. Packaged in holster; 5 per box



PRELUDE®

RADIAL (MINI ACCESS) SHEATH INTRODUCERS

Facilitates sheath placement using a small needle (21G or 20G) and small guide wire (0.018"/0.46mm or 0.025"/0.64mm). Product is packaged with needle, guide wire, sheath and dilator. Excellent for radial, brachial and femoral use.

EXCELLENT TRANSITIONS - Facilitates smooth entry into patient and vessel. Resists kinking during insertion. Dilators are available with 0.018" (0.46mm) and 0.025" (0.64mm) tip tapers.

Catalog Number	French Size	Length (cm)	Guide Wire Diameter & Length	Needle Gauge & Length
PSI-4F-7-018	4F	7cm	0.018" (0.46mm) x 40cm SS/SS	21G x 4cm
PSI-5F-7-018	5F	7cm	0.018" (0.46mm) x 40cm SS/SS	21G x 4cm
PSI-6F-7-018	6F	7cm	0.018" (0.46mm) x 40cm SS/SS	21G x 4cm
PSI-7F-7-018	7F	7cm	0.018" (0.46mm) x 40cm SS/SS	21G x 4cm
PSI-4F-11-018	4F	11cm	0.018" (0.46mm) x 40cm SS/SS	21G x 4cm
PSI-5F-11-018	5F	11cm	0.018" (0.46mm) x 40cm SS/SS	21G x 4cm
PSI-6F-11-018	6F	11cm	0.018" (0.46mm) x 40cm SS/SS	21G x 4cm
PSI-7F-11-018	7F	11cm	0.018" (0.46mm) x 40cm SS/SS	21G x 4cm
PSI-4F-7-018NT4	4F	7cm	0.018" (0.46mm) x 40cm NT/PT	21G x 4cm
PSI-5F-7-018NT4	5F	7cm	0.018" (0.46mm) x 40cm NT/PT	21G x 4cm
PSI-6F-7-018NT4	6F	7cm	0.018" (0.46mm) x 40cm NT/PT	21G x 4cm
PSI-4F-11-018NT4	4F	11cm	0.018" (0.46mm) x 40cm NT/PT	21G x 4cm
PSI-5F-11-018NT4	5F	11cm	0.018" (0.46mm) x 40cm NT/PT	21G x 4cm
PSI-6F-11-018NT4	6F	11cm	0.018" (0.46mm) x 40cm NT/PT	21G x 4cm
PRO-4F-11-018NT7	4F	11cm	0.018" (0.46mm) x 40cm NT/PT	21G x 7cm
PRO-5F-11-018NT7	5F	11cm	0.018" (0.46mm) x 40cm NT/PT	21G x 7cm
PRO-6F-11-018NT7	6F	11cm	0.018" (0.46mm) x 40cm NT/PT	21G x 7cm
PRO-7F-11-018NT7	7F	11cm	0.018" (0.46mm) x 40cm NT/PT	21G x 7cm
PSI-4F-23-018NT4	4F	23cm	0.018" (0.46mm) x 80cm NT/PT	21G x 4cm
PSI-5F-23-018NT4	5F	23cm	0.018" (0.46mm) x 80cm NT/PT	21G x 4cm
PSI-6F-23-018NT4	6F	23cm	0.018" (0.46mm) x 80cm NT/PT	21G x 4cm
PSI-7F-23-018NT4	7F	23cm	0.018" (0.46mm) x 80cm NT/PT	21G x 4cm
PSI-4F-23-018NT7	4F	23cm	0.018" (0.46mm) x 80cm NT/PT	21G x 7cm
PSI-5F-23-018NT7	5F	23cm	0.018" (0.46mm) x 80cm NT/PT	21G x 7cm
PSI-6F-23-018NT7	6F	23cm	0.018" (0.46mm) x 80cm NT/PT	21G x 7cm

SS = Stainless Steel NT = Nitinol PT = Platinum tip

All catalog numbers beginning with PRO are made with polypropylene sheath tubing.

PSI-4F-7-025	4F	7cm	0.025" (0.64mm) x 50cm	20G x 4cm
PSI-5F-7-025	5F	7cm	0.025" (0.64mm) x 50cm	20G x 4cm
PSI-6F-7-025	6F	7cm	0.025" (0.64mm) x 50cm	20G x 4cm
PSI-4F-11-025	4F	11cm	0.025" (0.64mm) x 50cm	20G x 4cm
PSI-5F-11-025	5F	11cm	0.025" (0.64mm) x 50cm	20G x 4cm
PSI-6F-11-025	6F	11cm	0.025" (0.64mm) x 50cm	20G x 4cm

Guide wire is stainless steel; double ended (3mmJ and floppy).

Packaged in holster; 5 per box



PRELUDE®

SHEATH INTRODUCERS WITH MERIT ADVANCE® ANGIOGRAPHIC NEEDLE

Provides access needle with sheath introducer, dilator and guide wire.

Catalog Number	French Size	Length (cm)	Guide Wire Diameter/Length	Needle Gauge & Length
PSI-5F-11-035-18G	5F	11cm	0.035" (0.89mm) x 50cm	18G x 7cm
PSI-6F-11-035-18G	6F	11cm	0.035" (0.89mm) x 50cm	18G x 7cm
PSI-7F-11-035-18G	7F	11cm	0.035" (0.89mm) x 50cm	18G x 7cm
PSI-8F-11-035-18G	8F	11cm	0.035" (0.89mm) x 50cm	18G x 7cm
PSI-5F-11-038-18G	5F	11cm	0.038" (0.97mm) x 50cm	18G x 7cm
PSI-6F-11-038-18G	6F	11cm	0.038" (0.97mm) x 50cm	18G x 7cm
PSI-7F-11-038-18G	7F	11cm	0.038" (0.97mm) x 50cm	18G x 7cm
PSI-8F-11-038-18G	8F	11cm	0.038" (0.97mm) x 50cm	18G x 7cm
PRO-5F-11-038-18G	5F	11cm	0.038" (0.97mm) x 50cm	18G x 7cm
PRO-6F-11-038-18G	6F	11cm	0.038" (0.97mm) x 50cm	18G x 7cm

All catalog numbers beginning with PRO are made with polypropylene sheath tubing.
Packaged in holster; 5 per box

MERIT ADVANCE® ANGIOGRAPHIC NEEDLE

Unique hub design with ergonomic feel and reference point to orient bevel.
Bevel design with improved sharpness facilitates entry into tissue and vessel walls.

Catalog Number

AD21T21W	21G x 2.5cm accepts 0.018" (0.46mm) guide wire
AD21T41W	21G x 4cm accepts 0.018" (0.46mm) guide wire
AD21T71W	21G x 7cm accepts 0.018" (0.46mm) guide wire
AD20T41W	20G x 4cm accepts 0.025" (0.64mm) guide wire
AD20T71W	20G x 7cm accepts 0.025" (0.64mm) guide wire
AD19U71W	19G x 7cm accepts 0.035" (0.89mm) guide wire
AD18T71W	18G x 7cm accepts 0.038" (0.97mm) guide wire

Packaged Individually; 25 per box



PRELUDE® SHORT SHEATH INTRODUCERS

Provides access to dialysis fistulas and grafts.

Can be used for declot, angioplasty, and thrombolysis procedures.

Can also be used for temporary hemodialysis; will accommodate flow rates up to 600mL/min.

RADIOPAQUE MARKER TIP - Improves visibility of sheath tip to clearly and easily identify where sheath is within fistula, graft or vessel.

EXCELLENT TIP TRANSITIONS - Facilitates smooth insertion, even through tough skin or grafts.

LARGE BORE STOPCOCK - Allows for increased aspiration, flush and flow during procedures. Stopcock is removable.

PINCH CLAMP - Provides fluid control delivery through side arm tubing.

SHEATH HUB - Angle of hub combined with large inner diameter side arm tubing provide superior flow.

Catalog Number	French Size	Length (cm)	Guide Wire Diameter	Needle Gauge & Length
PSS-5F-4-018MT	5F	4cm	0.018" (0.46mm) x 40cm	21G x 4cm
PSS-6F-4-018MT	6F	4cm	0.018" (0.46mm) x 40cm	21G x 4cm
PSS-7F-4-018MT	7F	4cm	0.018" (0.46mm) x 40cm	21G x 4cm
PSS-8F-4-018MT	8F	4cm	0.018" (0.46mm) x 40cm	21G x 4cm
PSS-5F-4-035MT	5F	4cm	0.035" (0.89mm) X 50cm	-
PSS-6F-4-035MT	6F	4cm	0.035" (0.89mm) X 50cm	-
PSS-7F-4-035MT	7F	4cm	0.035" (0.89mm) X 50cm	-
PSS-8F-4-035MT	8F	4cm	0.035" (0.89mm) X 50cm	-
PSS-5F-4-038MT	5F	4cm	0.038" (0.97mm) x 50cm	-
PSS-6F-4-038MT	6F	4cm	0.038" (0.97mm) x 50cm	-
PSS-7F-4-038MT	7F	4cm	0.038" (0.97mm) x 50cm	-
PSS-8F-4-038MT	8F	4cm	0.038" (0.97mm) x 50cm	-
PSS-5F-4MT	5F	4cm	no wire	-
PSS-6F-4MT	6F	4cm	no wire	-
PSS-7F-4MT	7F	4cm	no wire	-
PSS-8F-4MT	8F	4cm	no wire	-

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



PRELUDEEASE® HYDROPHILIC SHEATH INTRODUCERS

The PreludeEASE Hydrophilic Sheath Introducers, combined with a variety of radial products, accessories, and custom kit configurations, provide you with the options you need to **ACHIEVE RADIAL ACCESS WITH EASE™**.

The PreludeEASE maintains a robust design that resists kinking while still providing a large inner diameter. With a slim profile and large inner diameter for increased device compatibility, the PreludeEASE provides optimal dimensions without compromising integrity or performance.

EXCELLENT TRANSITIONS - For smooth and easy insertion leading to patient comfort.

INSERTION FORCE - Up to 30% less than leading competitor (6F data on file).

HYDROPHILIC COATING - The PreludeEASE is coated to the tip of the sheath.

VARIETY OF SIZES - Available in 4F-7F. Smaller sizes for patients with smaller radial arteries. Larger sizes also available to facilitate both diagnostic and interventional procedures.

NEEDLE OPTIONS - Kits are available with needles for single or double wall access techniques.

GUIDE WIRE OPTIONS - Kits available with stainless steel spring coil, nitinol or stainless steel mandrel, or plastic jacketed guide wires providing options for your clinical practice.

CUSTOM KIT OPTIONS - Merit can tailor kits to meet your clinical needs.



Enhanced kink resistance for optimal procedural reliability



PRELUDEASE®

HYDROPHILIC SHEATH INTRODUCER

Catalog Number	French Size	Length	Needle	Guide Wire Type	Guide Wire Diameter/Length
PHR4F7018SC	4F	7cm	21G x 4cm Advance	Spring; straight floppy tip	0.018" x 45cm
PHR5F7018SC	5F	7cm	21G x 4cm Advance	Spring; straight floppy tip	0.018" x 45cm
PHR6F7018SC	6F	7cm	21G x 4cm Advance	Spring; straight floppy tip	0.018" x 45cm
PHR4F7018NTPD	4F	7cm	21G x 4cm Advance	NT/PD mandrel	0.018" x 40cm
PHR5F7018NTPD	5F	7cm	21G x 4cm Advance	NT/PD mandrel	0.018" x 40cm
PHR6F7018NTPD	6F	7cm	21G x 4cm Advance	NT/PD mandrel	0.018" x 40cm
PHR4F11018SC	4F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.018" x 45cm
PHR5F11018SC	5F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.018" x 45cm
PHR6F11018SC	6F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.018" x 45cm
PHR7F11018SC	7F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.018" x 45cm
PHR4F11018NTPD	4F	11cm	21G x 4cm Advance	NT/PD mandrel	0.018" x 40cm
PHR5F11018NTPD	5F	11cm	21G x 4cm Advance	NT/PD mandrel	0.018" x 40cm
PHR6F11018NTPD	6F	11cm	21G x 4cm Advance	NT/PD mandrel	0.018" x 40cm
PHR4F11018SS	4F	11cm	21G x 4cm Advance	SS/SS mandrel	0.018" x 40cm
PHR5F11018SS	5F	11cm	21G x 4cm Advance	SS/SS mandrel	0.018" x 40cm
PHR6F11018SS	6F	11cm	21G x 4cm Advance	SS/SS mandrel	0.018" x 40cm
PHR4F11018SSSN	4F	11cm	21G x 2.5cm Advance	SS/SS mandrel	0.018" x 40cm
PHR5F11018SSSN	5F	11cm	21G x 2.5cm Advance	SS/SS mandrel	0.018" x 40cm
PHR6F11018SSSN	6F	11cm	21G x 2.5cm Advance	SS/SS mandrel	0.018" x 40cm
PHR4F16018NT	4F	16cm	21G x 4cm Advance	NT/PT mandrel	0.018" x 80cm
PHR5F16018NT	5F	16cm	21G x 4cm Advance	NT/PT mandrel	0.018" x 80cm
PHR6F16018NT	6F	16cm	21G x 4cm Advance	NT/PT mandrel	0.018" x 80cm
PHR7F16018NT	7F	16cm	21G x 4cm Advance	NT/PT mandrel	0.018" x 80cm
PHR4F23018NT	4F	23cm	21G x 4cm Advance	NT/PT mandrel	0.018" x 80cm
PHR5F23018NT	5F	23cm	21G x 4cm Advance	NT/PT mandrel	0.018" x 80cm
PHR6F23018NT	6F	23cm	21G x 4cm Advance	NT/PT mandrel	0.018" x 80cm
PHR7F23018NT	7F	23cm	21G x 4cm Advance	NT/PT mandrel	0.018" x 80cm
PHR4F11021SC	4F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 45cm
PHR5F11021SC	5F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 45cm
PHR6F11021SC	6F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 45cm
PHR7F11021SC	7F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 45cm
PHR4F11021SCSN	4F	11cm	21G x 2.5cm Advance	Spring; straight floppy tip	0.021" x 45cm
PHR5F11021SCSN	5F	11cm	21G x 2.5cm Advance	Spring; straight floppy tip	0.021" x 45cm
PHR6F11021SCSN	6F	11cm	21G x 2.5cm Advance	Spring; straight floppy tip	0.021" x 45cm
PHR4F16021SC	4F	16cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR5F16021SC	5F	16cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR6F16021SC	6F	16cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR7F16021SC	7F	16cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR4F23021SC	4F	23cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR5F23021SC	5F	23cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR6F23021SC	6F	23cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR7F23021SC	7F	23cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR6F11035SC	6F	11cm	None	SS; DE - floppy and 3mmJ	0.035" x 50cm
PHR7F11035SC	7F	11cm	None	SS; DE - floppy and 3mmJ	0.035" x 50cm
PHR4F11021PW	4F	11cm	22G x 2.5cm 2-part	NT plastic; short taper angle	0.021" x 45cm
PHR5F11021PW	5F	11cm	22G x 2.5cm 2-part	NT plastic; short taper angle	0.021" x 45cm
PHR6F11021PW	6F	11cm	22G x 2.5cm 2-part	NT plastic; short taper angle	0.021" x 45cm
PHR4F23021PW	4F	23cm	22G x 2.5cm 2-part	NT plastic; short taper angle	0.021" x 80cm
PHR5F23021PW	5F	23cm	22G x 2.5cm 2-part	NT plastic; short taper angle	0.021" x 80cm
PHR6F23021PW	6F	23cm	22G x 2.5cm 2-part	NT plastic; short taper angle	0.021" x 80cm
PHR4F11025PW	4F	11cm	20G x 3.2cm 2-part	NT plastic; short taper angle	0.025" x 45cm
PHR5F11025PW	5F	11cm	20G x 3.2cm 2-part	NT plastic; short taper angle	0.025" x 45cm
PHR6F11025PW	6F	11cm	20G x 3.2cm 2-part	NT plastic; short taper angle	0.025" x 45cm
PHR4F16025PW	4F	16cm	20G x 3.2cm 2-part	NT plastic; short taper angle	0.025" x 80cm
PHR5F16025PW	5F	16cm	20G x 3.2cm 2-part	NT plastic; short taper angle	0.025" x 80cm
PHR6F16025PW	6F	16cm	20G x 3.2cm 2-part	NT plastic; short taper angle	0.025" x 80cm

Packaged in tray; 5 per box (0.018" = 0.46 mm 0.021" = 0.53 mm 0.025" = 0.64 mm 0.035" = 0.89 mm) NT= Nitinol PD= Palladium PT= Platinum SS= Stainless Steel. All kits with 0.018" guide wires include BowTie. All 2 part needle kits include 3mL syringe and scalpel.

Catalog Number	Description	Quantity Per Box
AD21T41W	21G x 4cm Advance needle	25
AD21T21W	21G x 2.5cm Advance needle	25
K12-08289	22G x 2.5cm 2-part needle	25
K12-08290	20G x 3.2cm 2-part needle	25
SW21A45PW	0.021" x 45cm plastic jacketed guide wire with angled tip	5
SW21A80PW	0.021" x 80cm plastic jacketed guide wire with angled tip	5
SW25A45PW	0.025" x 45cm plastic jacketed guide wire with angled tip	5
SW25A80PW	0.025" x 80cm plastic jacketed guide wire with angled tip	5

METAL NEEDLE KITS

2 PART NEEDLE KITS

ACCESSORIES

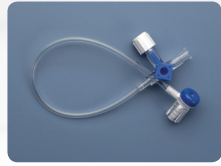
VASCULAR ACCESS

PRELUDE®

ACCESSORIES

HEMOSTASIS VALVE ADAPTER

Minimizes blood loss during the introduction of catheters or devices into the vasculature. Provides a side arm and three way stopcock to facilitate aspiration or infusion. May be used with catheters that are 8F or smaller.



Catalog Number **HVA-100** Packaged 10 per box

OBTURATORS

Provide support as well as optimal flow for monitoring patient's blood pressure when sheath is left in place.

Catalog Number	French Size	Length
OBT-4F-11	4F	11cm
OBT-5F-11	5F	11cm
OBT-6F-11	6F	11cm
OBT-7F-11	7F	11cm
OBT-4F-23	4F	23cm
OBT-5F-23	5F	23cm
OBT-6F-23	6F	23cm
OBT-7F-23	7F	23cm

Packaged in pouch; 10 per box

K15 RAPID RESPONSE KITS

Catalog Number	French Size	Length	Guide Wire Diameter x Length	Guide Wire Type	Needle Gauge x Length
K15-00104	----	----	0.025" (0.64mm) x 50cm	SC/DE	-----
K15-00174	6F	11cm	0.018" (0.46mm) x 45cm	SC	21G x 4cm
K15-00201	7F	7cm	0.018" (0.46mm) x 40cm	SS/SS	21G x 7cm echo
K15-00244	5F	11cm	0.018" (0.46mm) x 40cm	SS/SS	20G x 3.2cm two-part
K15-00245	6F	11cm	0.018" (0.46mm) x 40cm	SS/SS	20G x 3.2cm two-part
K15-00309	----	----	0.018" (0.46mm) x 45cm	SC	-----

Packaged 5 per box.

SC/DE = Spring coil stainless steel wire, double ended (3mmJ/straight floppy) SC = Spring coil stainless steel wire, straight floppy tip
SS/SS = Stainless steel mandrel wire with stainless steel coil tip

Before using, refer to Instructions for Use for indications, contraindications, warnings, precautions and directions for use.



Understand. Innovate. Deliver.™

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GUIDE WIRES

Catalog Number	Guide Wire Diameter/Length
SW35DE50SST	0.035" (0.89mm) x 50cm Double ended
SW38DE50SST	0.038" (0.97mm) x 50cm Double ended
SW35DE80SST	0.035" (0.89mm) x 80cm Double ended
SW38DE80SST	0.038" (0.97mm) x 80cm Double ended

Packaged in pouch; 10 per box

PRELUDE DILATORS

Catalog Number	French Size	Length	Max Guide Wire
PD4F035	4F	16cm	0.035" (0.89mm)
PD5F038	5F	16cm	0.038" (0.97mm)
PD6F038	6F	16cm	0.038" (0.97mm)
PD7F038	7F	16cm	0.038" (0.97mm)
PD8F038	8F	16cm	0.038" (0.97mm)

Dilators may be used with any Prelude sheath introducers, length 4cm, 7cm and 11cm. Packaged in pouch; 10 per box

PRELUDE SHORT SHEATH DILATORS

Catalog Number	French Size	Length	Max Guide Wire
PSD5F035-8cm	5F	8cm	0.035" (0.89mm)
PSD6F035-8cm	6F	8cm	0.035" (0.89mm)
PSD7F035-8cm	7F	8cm	0.035" (0.89mm)
PSD8F035-9cm	8F	9cm	0.035" (0.89mm)

Dilators may be used with Prelude Short Sheath Introducers. Packaged in pouch; 10 per box