

PreludeEASE™

HYDROPHILIC SHEATH INTRODUCER



The Next Generation of Radial

A full suite of configurations and custom options



Advanced hydrophilic technology designed for optimal insertion and removal



Enhanced kink resistance for optimal procedural reliability



THINK RADIAL.
DISCOVER MERIT.®

PreludeEASE HYDROPHILIC SHEATH INTRODUCER

RADIAL BENEFITS

The well-known benefits of the radial approach include less bleeding complications, quicker ambulation, and decreased procedure cost.¹ Merit Medical is introducing a new line of **HYDROPHILIC** sheath introducers for radial access, the **PreludeEASE**. Studies show that hydrophilic coating on sheath introducers can reduce the incidence of arterial spasm during radial procedures and also reduce the amount of force required to insert and remove a radial sheath introducer.¹

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.™**

ENHANCED SHEATH PERFORMANCE

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.

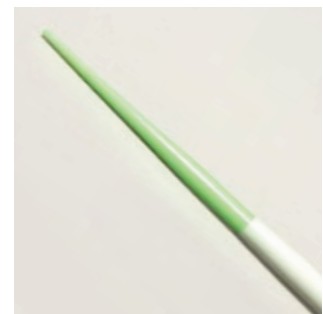
RADIAL SOLUTIONS

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

Hydrophilic Coating The PreludeEASE sheath is hydrophilic coated to the tip. Hydrophilic coating facilitates easier insertion and removal as well as patient comfort.²

Excellent Transitions For smooth and easy insertion leading to patient comfort.

Insertion Force 30% less than leading competitor.³



PreludeEASE™ Hydrophilic Sheath Introducers



Achieve Radial Access with Ease™

RADIAL KIT COMPONENTS



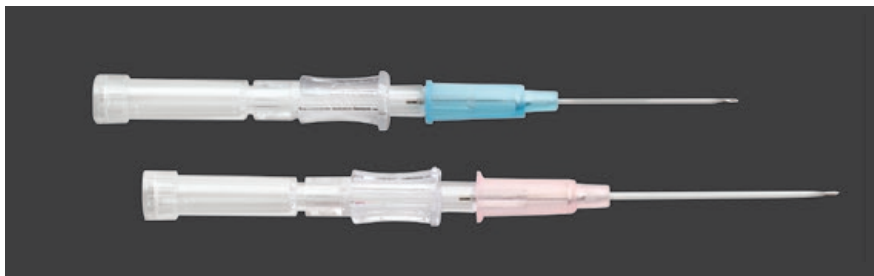
Merit Advance® Needle
Short bevel needle with bevel indicator on hub, along with a proprietary coating helps to ensure smooth insertion. A straightforward, accurate single puncture with a metal needle can help lower the risk of spasm.⁴



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.



BowTie™ Guide Wire Insertion Device
Included in kits with 0.018" guide wires for easy, efficient alignment of devices with micro guide wires



Two-Part Access Needle

- Thin walled metal cannula
- Flexible, radiopaque catheter
- Smooth catheter-to-needle transition for easy insertion
- Excellent for two-wall access technique

OPTIONS

Merit can tailor kits to meet your clinical needs. From setup to hemostasis, Merit Medical offers a complete radial product portfolio to help you achieve the procedural **EFFICIENCY** and **SAFETY** that is essential for delivering the best possible **CARE**.

ACCESSORIES

Catalog Number	Description	Qty 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
K15-00309	0.018" x 45cm spring coil wire; Straight floppy tip	5
K15-00328	0.021" x 80cm spring coil wire; Straight floppy tip	5
K15-00329	0.021" x 45cm spring coil wire; Straight floppy tip	5
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
K15-00339	0.021" x 45cm stiff spring coil wire; Straight floppy tip	5
K15-00340	0.021" x 80cm stiff spring coil wire; Straight floppy tip	5
K15-00341	0.018" x 40cm NT/PD mandrel wire; Straight tip	5

METAL NEEDLE KITS

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
PHR5F11021SSC	5F	11cm	21G x 4cm Advance	Stiff spring; straight floppy tip	0.021" x 45cm
PHR6F11021SC	6F	11cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 45cm
PHR6F11021SSC	6F	11cm	21G x 4cm Advance	Stiff 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
PHR5F23021SSC	5F	23cm	21G x 4cm Advance	Stiff spring; straight floppy tip	0.021" x 80cm
PHR6F23021SC	6F	23cm	21G x 4cm Advance	Spring; straight floppy tip	0.021" x 80cm
PHR6F23021SSC	6F	23cm	21G x 4cm Advance	Stiff 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

2 PART NEEDLE KITS

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.

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

¹ Rathore S, Stables R, Pauriah M, Hakeem A, Mills J, Palmer N, Perry R, Morris J. Impact of length and hydrophilic coating of the introducer sheath on radial artery spasm during transradial coronary intervention. JACC. 2010 May;3(5):475-83.

² Kiemeneij F, Fraser D, Slagboom T, Laarman G, van der Wieken R. Hydrophilic coating aids radial sheath withdrawal and reduces patient discomfort following transradial coronary intervention: a randomized double-blind comparison of coated and uncoated sheaths. Catheter Cardiovasc Interv. 2003 Jun;59(2) 161-4.

³ 6F data on file.

⁴ Kiemeneij F. Prevention and management of radial artery spasm. Journal of Invasive Cardiology. 2006 April;18(4).



Understand. Innovate. Deliver.™

Merit Medical Systems, Inc.
1600 West Merit Parkway
South Jordan, Utah 84095
1.801.253.1600
1.800.35.MERIT

Merit Medical Europe, Middle East, & Africa (EMEA)
Amerikalaan 42, 6199 AE Maastricht-Airport
The Netherlands
+31 43 358 82 22

Merit Medical Ireland Ltd.
Parkmore Business Park West
Galway, Ireland
+353 (0) 91 703 733

merit.com

Australia +61 (0) 3 8373 4943	Finland 0800 770 586	Luxembourg 8002 25 22	Spain +34 91 1238406
Austria 0800 295 374	France 0800 91 60 30	Netherlands 0800 022 81 84	Sweden 020 792 445
Belgium 0800 72 906 (Dutch) 0800 73 172 (Français)	Germany 0800 182 0871	Norway 800 11629	Switzerland (Deutsch) +41 22 518 02 30
Brazil +55 11 4561 - 0062	Hong Kong +852-2207 6888	Portugal 308 801 034	(Français) +41 22 518 02 52
Canada 1.800.364.4370	India +91-80-41223376	Russia +7 495 221 89 02	(Italiano) +41 22 518 00 35
China +86-10 8561 0788	Ireland (Republic) 1800 553 163	Singapore +65 67536311	UK 0800 973 115
Denmark 80 88 00 24	Italy 800 897 005	South Korea +8210 2205 0707	