



# Thinner. Stronger. IDEAL.™

*Prelude* IDEAL™  
Hydrophilic Sheath Introducer

Flat wire braiding technology allows our thin wall radial sheath to provide support and kink resistance while maintaining a low profile. There's a reason it's called IDEAL.



# Prelude IDEAL™

Hydrophilic Sheath Introducer

## BENEFITS OF RADIAL ACCESS¹

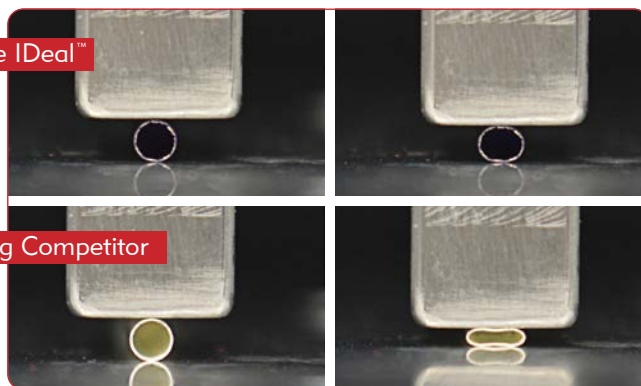
- Less bleeding complications
- Quicker ambulation
- Decreased procedure cost
- Enhanced sheath performance

## INCREASED COMPRESSION RESISTANCE\*

**124%** more resistant to side wall compression than the leading competitor

Prelude IDEAL™

Leading Competitor



## INCREASED KINK RESISTANCE\*

**23%** more kink resistant than leading competitor

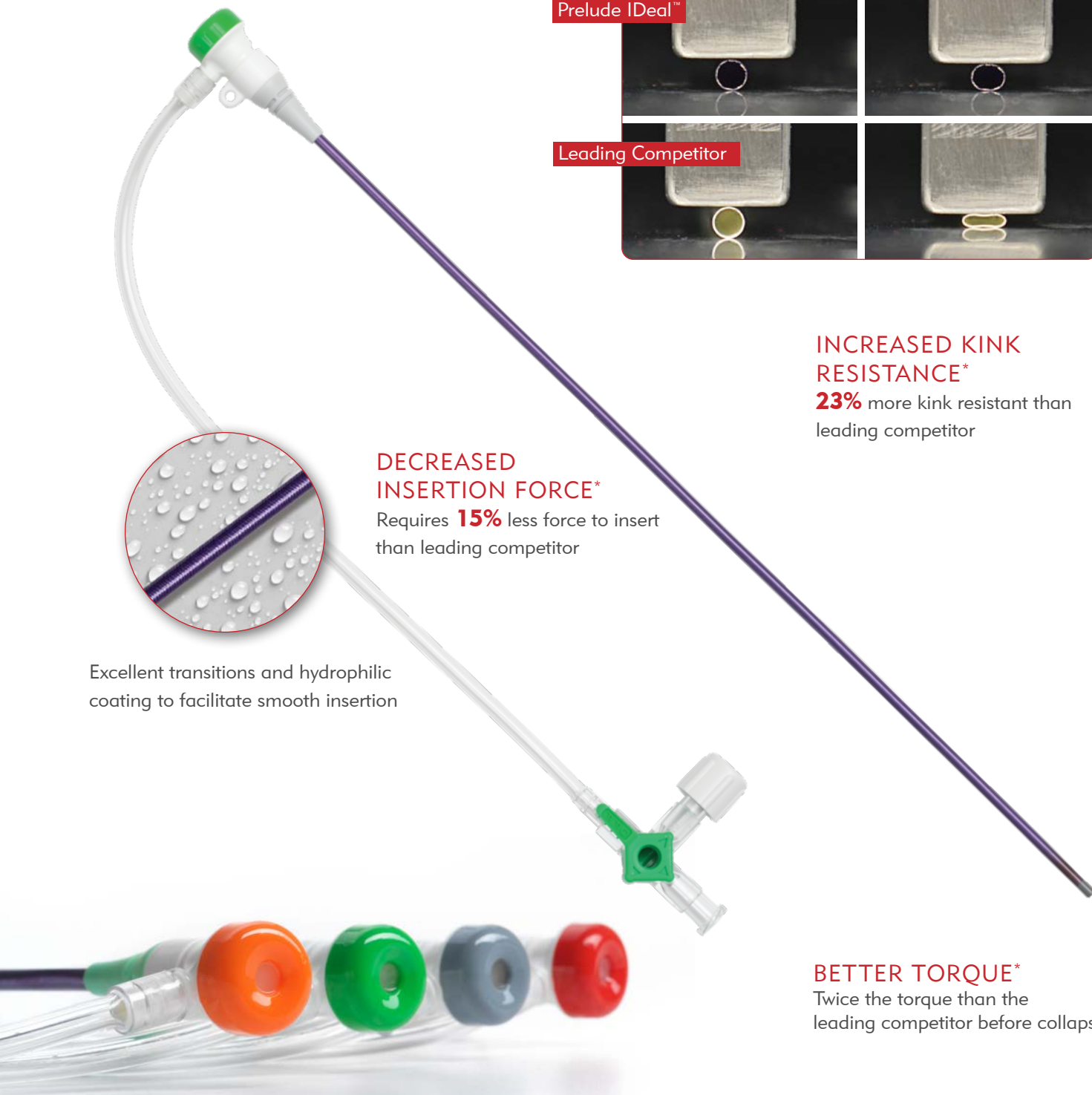
## DECREASED INSERTION FORCE\*

Requires **15%** less force to insert than leading competitor

Excellent transitions and hydrophilic coating to facilitate smooth insertion

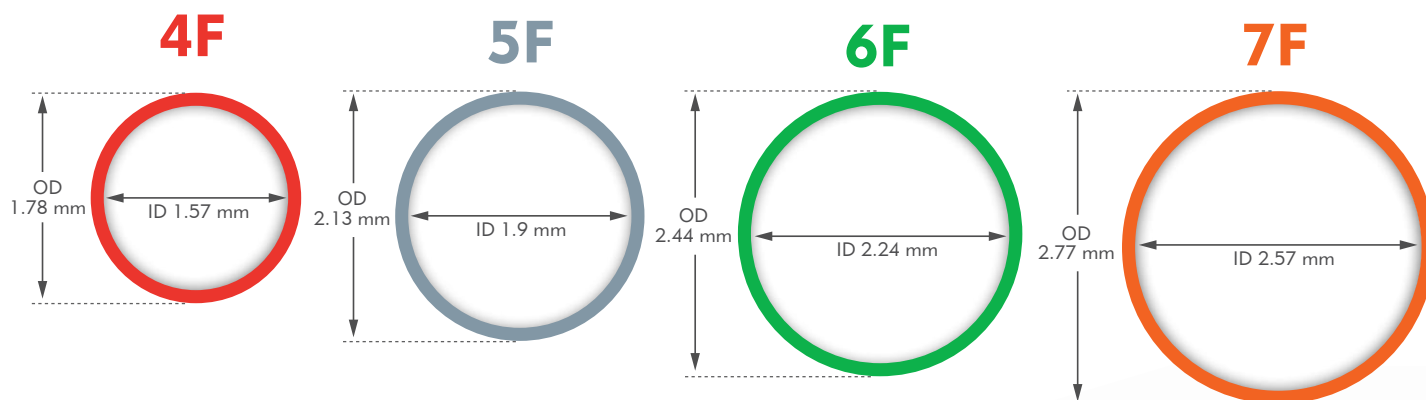
## BETTER TORQUE\*

Twice the torque than the leading competitor before collapsing



## THINNER WALL\*

Same outer diameter as leading competitor, but larger sheath body inner diameter



# 13%

thinner wall with higher resistance to kinking and side wall compression than leading competitor



## MULTIPLE NEEDLE OPTIONS

### 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.<sup>2</sup>



### 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
- Up to 17% faster flash back over our leading competitor\*\*
- Up to 17% less insertion force over our leading competitor\*\*
- Visible arrow to help clearly indicate bevel position

## MULTIPLE 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.



\*6F Data on File. Merit assumes no responsibility to update the test data.

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<sup>1</sup> 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.

<sup>2</sup> Kiemeneij F. Prevention and management of radial artery spasm. Journal of Invasive Cardiology. 2006 April; 18(4).

|                    | Catalog Number | French Size                                                      | Length | Needle                  | Guide Wire type                    | Guide Wire size  | Other components |
|--------------------|----------------|------------------------------------------------------------------|--------|-------------------------|------------------------------------|------------------|------------------|
| METAL NEEDLE KITS  | PID4F7018NTPD  | 4F                                                               | 7cm    | 21G x 4cm Advance       | NT/PT mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID5F7018NTPD  | 5F                                                               | 7cm    | 21G x 4cm Advance       | NT/PT mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID6F7018NTPD  | 6F                                                               | 7cm    | 21G x 4cm Advance       | NT/PT mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID4F11018SC   | 4F                                                               | 11cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.018" x 45cm    | BowTie           |
|                    | PID5F11018SC   | 5F                                                               | 11cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.018" x 45cm    | BowTie           |
|                    | PID6F11018SC   | 6F                                                               | 11cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.018" x 45cm    | BowTie           |
|                    | PID7F11018SC   | 7F                                                               | 11cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.018" x 45cm    | BowTie           |
|                    | PID4F11018NTPD | 4F                                                               | 11cm   | 21G x 4cm Advance       | NT/PT mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID5F11018NTPD | 5F                                                               | 11cm   | 21G x 4cm Advance       | NT/PT mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID6F11018NTPD | 6F                                                               | 11cm   | 21G x 4cm Advance       | NT/PT mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID7F11018NTPD | 7F                                                               | 11cm   | 21G x 4cm Advance       | NT/PT mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID4F11018SS   | 4F                                                               | 11cm   | 21G x 4cm Advance       | SS/SS mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID5F11018SS   | 5F                                                               | 11cm   | 21G x 4cm Advance       | SS/SS mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID6F11018SS   | 6F                                                               | 11cm   | 21G x 4cm Advance       | SS/SS mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID7F11018SS   | 7F                                                               | 11cm   | 21G x 4cm Advance       | SS/SS mandrel                      | 0.018" x 40cm    | BowTie           |
|                    | PID4F11021SC   | 4F                                                               | 11cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 45cm    | None             |
|                    | PID5F11021SC   | 5F                                                               | 11cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 45cm    | None             |
|                    | PID6F11021SC   | 6F                                                               | 11cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 45cm    | None             |
|                    | PID7F11021SC   | 7F                                                               | 11cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 45cm    | None             |
|                    | PID5F11021SSC  | 5F                                                               | 11cm   | 21G x 4cm Advance       | Spring; stiff, straight floppy tip | 0.021" x 45cm    | None             |
|                    | PID6F11021SSC  | 6F                                                               | 11cm   | 21G x 4cm Advance       | Spring; stiff, straight floppy tip | 0.021" x 45cm    | None             |
|                    | PID4F16021SC   | 4F                                                               | 16cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 80cm    | None             |
|                    | PID5F16021SC   | 5F                                                               | 16cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 80cm    | None             |
|                    | PID6F16021SC   | 6F                                                               | 16cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 80cm    | None             |
|                    | PID7F16021SC   | 7F                                                               | 16cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 80cm    | None             |
|                    | PID5F16021SSC  | 5F                                                               | 16cm   | 21G x 4cm Advance       | Spring; stiff, straight floppy tip | 0.021" x 80cm    | None             |
|                    | PID6F16021SSC  | 6F                                                               | 16cm   | 21G x 4cm Advance       | Spring; stiff, straight floppy tip | 0.021" x 80cm    | None             |
|                    | PID4F23021SC   | 4F                                                               | 23cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 80cm    | None             |
|                    | PID5F23021SC   | 5F                                                               | 23cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 80cm    | None             |
|                    | PID6F23021SC   | 6F                                                               | 23cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 80cm    | None             |
|                    | PID7F23021SC   | 7F                                                               | 23cm   | 21G x 4cm Advance       | Spring; straight floppy tip        | 0.021" x 80cm    | None             |
|                    | PID5F23021SSC  | 5F                                                               | 23cm   | 21G x 4cm Advance       | Spring; stiff, straight floppy tip | 0.021" x 80cm    | None             |
|                    | PID6F23021SSC  | 6F                                                               | 23cm   | 21G x 4cm Advance       | Spring; stiff, straight floppy tip | 0.021" x 80cm    | None             |
| 2 PART NEEDLE KITS | PID4F11021PW   | 4F                                                               | 11cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 45cm    | None             |
|                    | PID5F11021PW   | 5F                                                               | 11cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 45cm    | None             |
|                    | PID6F11021PW   | 6F                                                               | 11cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 45cm    | None             |
|                    | PID7F11021PW   | 7F                                                               | 11cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 45cm    | None             |
|                    | PID4F16021PW   | 4F                                                               | 16cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 80cm    | None             |
|                    | PID5F16021PW   | 5F                                                               | 16cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 80cm    | None             |
|                    | PID6F16021PW   | 6F                                                               | 16cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 80cm    | None             |
|                    | PID7F16021PW   | 7F                                                               | 16cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 80cm    | None             |
|                    | PID4F23021PW   | 4F                                                               | 23cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 80cm    | None             |
|                    | PID5F23021PW   | 5F                                                               | 23cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 80cm    | None             |
|                    | PID6F23021PW   | 6F                                                               | 23cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 80cm    | None             |
|                    | PID7F23021PW   | 7F                                                               | 23cm   | 22G x 2.5cm IV catheter | NT plastic; short taper; angle     | 0.021" x 80cm    | None             |
|                    | PID4F11025PW   | 4F                                                               | 11cm   | 20G x 3.2cm IV catheter | NT plastic; short taper; angle     | 0.025" x 45cm    | None             |
|                    | PID5F11025PW   | 5F                                                               | 11cm   | 20G x 3.2cm IV catheter | NT plastic; short taper; angle     | 0.025" x 45cm    | None             |
|                    | PID6F11025PW   | 6F                                                               | 11cm   | 20G x 3.2cm IV catheter | NT plastic; short taper; angle     | 0.025" x 45cm    | None             |
|                    | PID7F11025PW   | 7F                                                               | 11cm   | 20G x 3.2cm IV catheter | NT plastic; short taper; angle     | 0.025" x 45cm    | None             |
| ACCESSORIES        | 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                |                  |
|                    | 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                |                  |
|                    | K15-00339      | 0.021" x 45cm <b>stiff</b> spring coil wire; Straight floppy tip |        |                         |                                    | 5                |                  |
|                    | K15-00340      | 0.021" x 80cm <b>stiff</b> spring coil wire; Straight floppy tip |        |                         |                                    | 5                |                  |
|                    | K15-00341      | 0.018" x 40cm NT/PT mandrel wire; Straight tip                   |        |                         |                                    | 5                |                  |

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 PT=Platinum SS=Stainless Steel. All kits with 0.018" guide wires include BowTie.

Before using refer to Instructions for Use for indications, contraindications, warnings, precautions, and directions for use.  
Radial access is contraindicated if there is an abnormal Allen's test, radial pulse, or insufficient dual arterial supply.



Understand. Innovate. Deliver.™

merit.com

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