

## **Trackability Tips & Tricks**

Trackability is influenced by many factors that contribute to overall system stability such as the following:

#### Catheter design:

- Diameter
- Material
- Pushability versus Flexibility

#### Micro guidewire stiffness and size:

- Stiffer wire or more wire purchase may allow for more pushability
- Softer wire or less wire purchase may allow for more flexibility to navigate tortuous vessels

#### Guide catheter placement:

• Advancing the guide catheter can provide more purchase, which may help anchor the guide catheter in an area where vasculature can provide additional support

#### Guide catheter shape:

• Different guide catheter shapes may facilitate engagement into target vessels

Vascular anatomy (tortuosity, landing zones, etc)

#### Proper hydration techniques:

- Start a continuous heparinized saline flush through the guide catheter using the y-port on the hemostasis valve before inserting the TriNav. Maintain this flush throughout the procedure
- Keep the catheter hydrated in a heparinized saline bath when not in use

#### Physician delivery technique

|  | TriNav        | TriNav FLX      |
|--|---------------|-----------------|
| Recommended Vessel Size  | 1.5 – 3.5 mm  | 1.5 – 3.5 mm    |
| Proximal OD  | 2.4 F         | 2.4 F           |
| Catheter ID  | 0.021"        | 0.021"          |
| Min Base Catheter ID   | 0.035"        | 0.035"          |
| Max Guidewire Diameter   | 0.018"        | 0.018"          |
| Available Lengths  | 120cm, 150cm  | 120cm, 150cm    |
| Merit Medical FLO50™ Hemostasis<br>Value Included (not required for use) | No            | Yes             |
| Distal Tip Design  | Standard      | Flexible*       |
| Catheter Response  | More Pushable | More Flexible** |

\*2x more flexible material

\*\*In a benchtop model, TriNav FLX demonstrated **28% reduction** in force during navigation through tortuous pathways, compared to the standard TriNav design.<sup>1</sup>

Note: TriNav® LV Infusion System is also available, recommended for vessel sizes 3.5-5.0mm





### **Recommendations**

The following example scenarios may help with device selection and are provided for convenience only. Clinical judgement should always be employed by the practitioner.

| <b>≫</b> Tri <b>Nav</b> <sup>.</sup> • | More Pushable | More Flexible | ≫Tri <b>Nav </b> ® | 2X more flexible material in the distal tip |
|--|---------------|---------------|--------------------|---|
|  |               |               |                    |   |

| Example Scenario*  | Recommended<br>TriNav Device   | Recommended Accessories<br>for Optimal Trackability   |
|--|--------------------------------|---|
| Guide Catheter<br>Pushability needed to track long straight segment<br>Target SmartValve Placement<br>Target SmartValve Placement<br>Guide Catheter<br>Pushability needed to track long straight segment to tortuous section | <b>≫</b> Tri <b>Nav</b>        | <ul> <li>Stiffer wire (e.g. Fathom)</li> <li>Forward-angled guide catheter<br/>(e.g. Cobra)</li> </ul>  |
| Guide Catheter  Deep seated guide catheter providing stability to reach tortuous target anatomy  Target SmartValve Placement  Guide Catheter  Target SmartValve Placement  | ≫Tri <b>Nav<sup>.</sup> </b> € | <ul> <li>Softer wire (e.g. Glidewire,<br/>Ashai Meister, or Synchro)</li> <li>Forward-angled guide catheter<br/>(e.g. Cobra)</li> <li>Stiffer wire (e.g. Fathom)</li> <li>Reverse-curve guide catheter</li> </ul> |

\*Scenarios provided for illustrative purposes only

# For additional guidance, refer to the **TriNav Quick Reference Guide** and **TriNav Technical User Guide** at **TriNavInfusion.com**. Customer Service may be reached at **888-321-5212**.

#### These recommendations are not intended to supplement or supersede the Instructions for Use.

**Indications for Use:** The TriNav, TriNav FLX, and TriNav LV Infusion Systems are intended for use in angiographic procedures. They deliver radiopaque media and therapeutic agents to selected sites in the peripheral vascular system.<sup>2,3,4</sup>

**Contraindications:** The TriNav, TriNav FLX, and TriNav LV Infusion Systems are not indicated for use in the vasculature of the central nervous system (including the neurovasculature) or central circulatory system (including the coronary vasculature).<sup>2,3,4</sup>

**Rx Only:** For the safe and proper use of the TriNav, TriNav FLX, and TriNav LV Infusion Systems, refer to their individual Instructions for Use.

- 1. Internal Test Report REP-0498; 28% reduction in forces to track through a benchtop tortuous model vs. TriNav
- 2. TriSalus™ TriNav<sup>®</sup> Infusion System Instructions for Use.
- 3. TriSalus™ TriNav<sup>®</sup> FLX Infusion System Instructions for Use.
- 4. TriSalus™ TriNav<sup>®</sup> LV Infusion System Instructions for Use.

