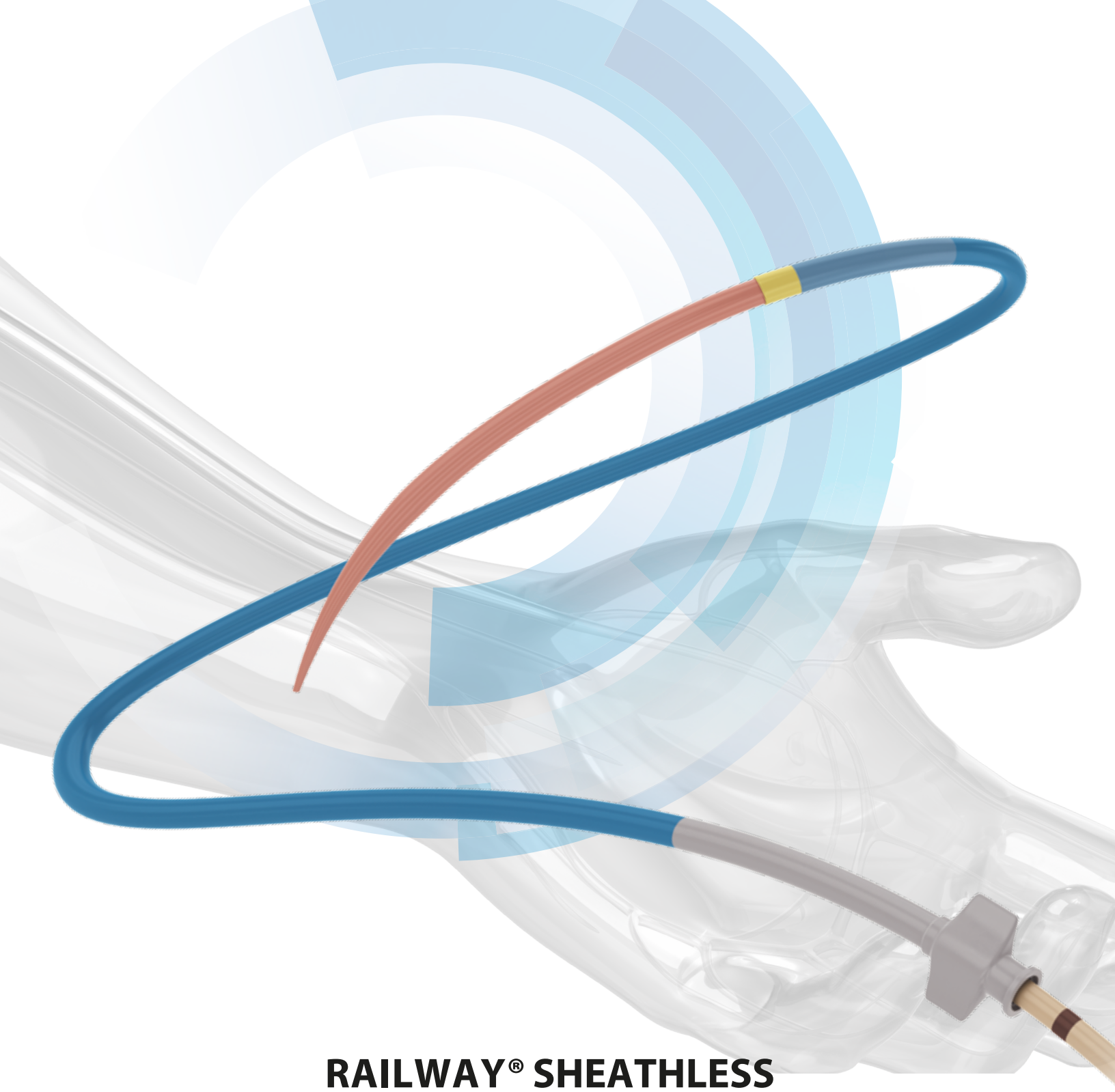


RAILWAY® SHEATHLESS ACCESS SYSTEM

Ultra-Low Profile with Kink Recovery Technology™

ACCESS

RAILWAY® SHEATHLESS ACCESS SYSTEM

THE VERSATILE SYSTEM FOR REDUCING ACCESS UP TO 2F[1]

SMALLER ACCESS PROFILE THAN ANY RADIAL SHEATH ▶

- Reduce risk of spasm and occlusion[2]
- Treat more complex lesions via radial access[3]

RAILWAY® with 7F guiding catheter = OD profile of a 5F sheath

COMPATIBILITY ▶

- Works with hundreds of guiding catheters[4]
- Available in 5F, 6F, and 7F sizes

VERSATILITY ▶

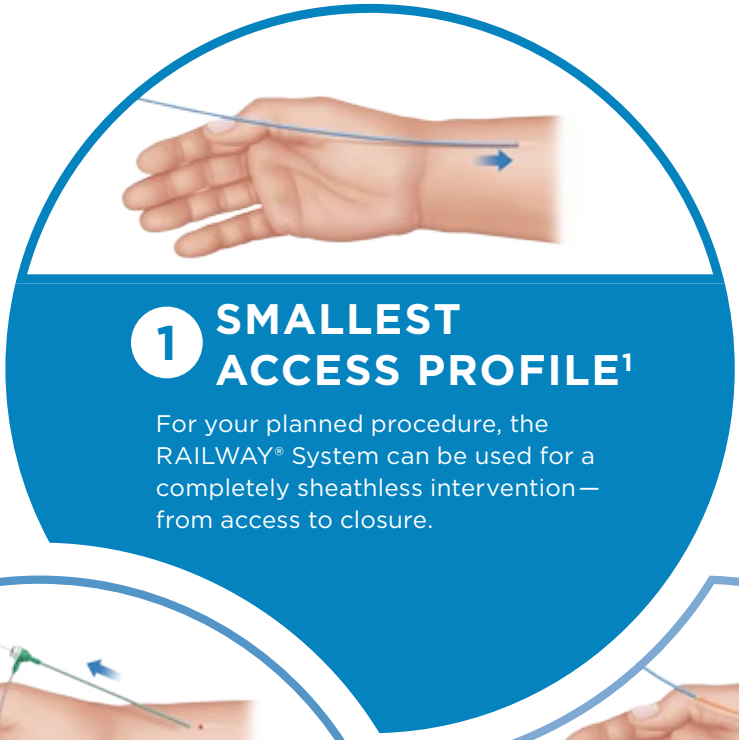
- Access with purely sheathless approach for planned interventions
- Increase guiding catheter French size following angiography with a sheath
- Track through radial anatomy either with or without a sheath

CONVERT YOUR PREFERRED GUIDE[4] INTO A RADIAL SHEATHLESS ACCESS SYSTEM

1. Compared to conventional radial sheaths. Profile reduction is 1.2F compared to Terumo Glidesheath Slender®.
2. Vessel injury, spasm and occlusion risk is reduced with lower profile devices.Saurabh Sanon and Rajiv Gulati, "Slender Approach and Sheathless Technique", Interventional Cardiology Clin 4 (2015) 161-166
3. With the puncture size of a 5F sheath, the RAILWAY® System enables the use of atherectomy devices and dual (kissing) balloons compatible with 7F guiding catheters.
4. Optimised for VISTA BRITE TIP® and ADROIT® Catheters; compatible with Terumo Heartrail® II, Boston Scientific Mach 1™, and Medtronic Launcher® guiding catheters.

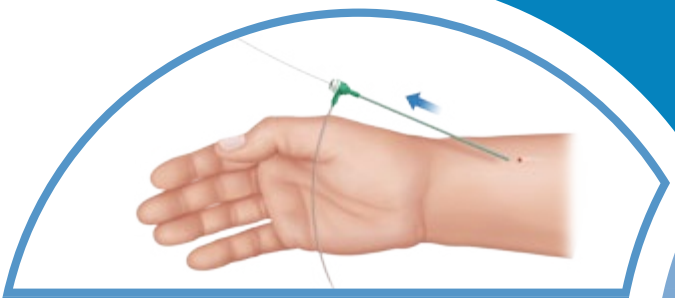
ACCESS: **RAILWAY® SHEATHLESS ACCESS SYSTEM**

3 EASY WAYS TO USE



1 SMALLEST ACCESS PROFILE[1]

For your planned procedure, the RAILWAY® System can be used for a completely sheathless intervention—from access to closure.



2 UPSIZE WHEN NEEDED

Upsizing for ad hoc interventions (removing the sheath). Minimise sheath size for angiography and when required, upsize to a larger guiding catheter for intervention without increasing puncture size.

3 FACILITATE TRACKING

Sheath or sheathless—use the RAILWAY® System to facilitate guide catheter tracking through the radial anatomy, up to the subclavian artery.

CONTACT YOUR CORDIS REPRESENTATIVE

LEARN HOW THE RAILWAY® SYSTEM CAN FIT INTO YOUR PRACTICE

1. The profile of the RAILWAY® system is smaller than any radial sheath of the same French size

REFERENCES
1. Data on file at Cordis.
2. RAILWAY® Sheathless Access System Instructions for Use.

CONTRAINDICATIONS AND WARNINGS FOR THE RAILWAY® SHEATHLESS ACCESS SYSTEM

CONTRAINDICATIONS
Avoid the use of the RAILWAY® Sheathless Access System in vasculature with extreme tortuosity, calcified plaque or thrombus.
Radial access is contraindicated in patients with:
- Inadequate circulation to the extremity as evidenced by signs of artery occlusion or absence of radial pulse.
- Heamodialysis shunt, graft or arteriovenous fistula involving the upper extremity vasculature.

WARNINGS
- Prior to radial access procedures, it is recommended to verify adequate collateral flow through the ulnar artery, such as with an Allen test. If collateral blood supplyto the hand is considered inadequate, an alternate access site should be considered.
- Do not use Ethiodol™ or Lipiodol™ contrast media, or other such contrast media which incorporates components of these agents, as solvents used in these media may have a deleterious effect on the device.
- For the Introcan Safety® IV Catheter needle, do not reinsert the needle into the IV catheter at any time. The needle could damage the IV catheter, resulting in an IV catheter embolus.
- If using a hydrophilic wire, do not use with a bare needle or metal torque device, as this may damage the integrity of the coating.
- Use of alcohol, antiseptic solutions, or other solvents should be avoided, as they may adversely affect the device.
- Manipulate the mini-guidewire slowly and carefully to avoid damage to the vessel wall, while monitoring tip position and movement under fluoroscopy.
- Failure to follow the procedural steps when exchanging a guiding catheter may result in loss of vessel access.
- Do not manually re-shape the distal tip of the dilator or the mini-guidewire by applying external force intended to bend or affect the shape of the dilator or mini-guidewire.
- The dilator must only be advanced while over a guidewire. Advancing the dilator without a wire in place may cause vascular complications.
- Persons with allergic reactions to nickel may suffer an allergic response to components of this device.
- I mportant information: Prior to use, refer to the instruction for use supplied with this device for indications, contraindications, side effects, suggested procedure, warnings

FOR MORE INFORMATION CONTACT YOUR CARDINAL HEALTH, CORDIS REPRESENTATIVE