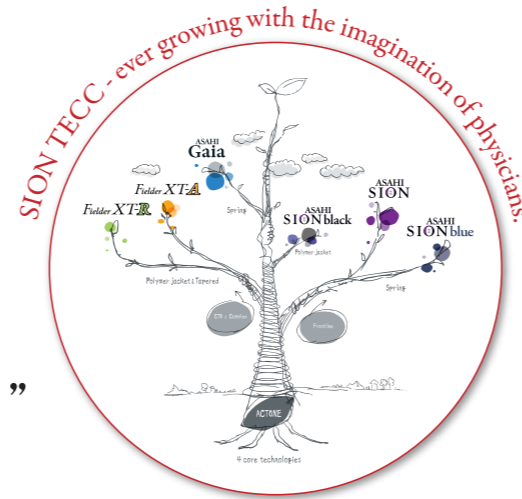


ASAHI's unique guide wire technology with Composite Core



“Small Changes, Great Possibilities”

SION TECC is at the forefront of innovation.

Listening to the needs of physicians and drawing on the skills of Japanese master craftsmen, we created ACTONE : an ingenious enhancement of the 10 micron core wire that forms part of our guide wires' unique composite core design.

Technology that pushes back the boundaries of guide wire manipulation, enabling movement just as you imagine it.

That is ASAHI's SION TECC brand.

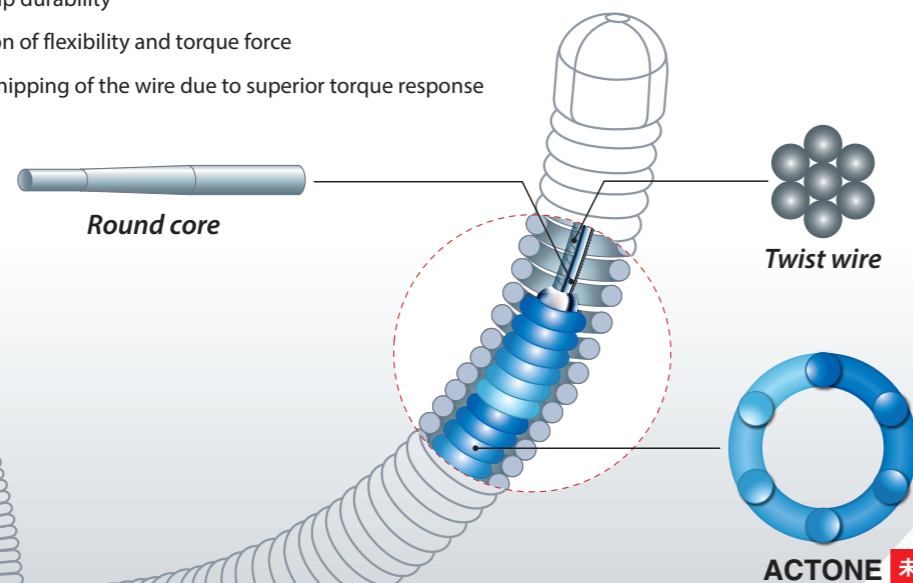
Stainless Steel Core

- Shaft stiffness needed for device delivery
- One-to-one torque force for optimal control of the wire

Composite Core

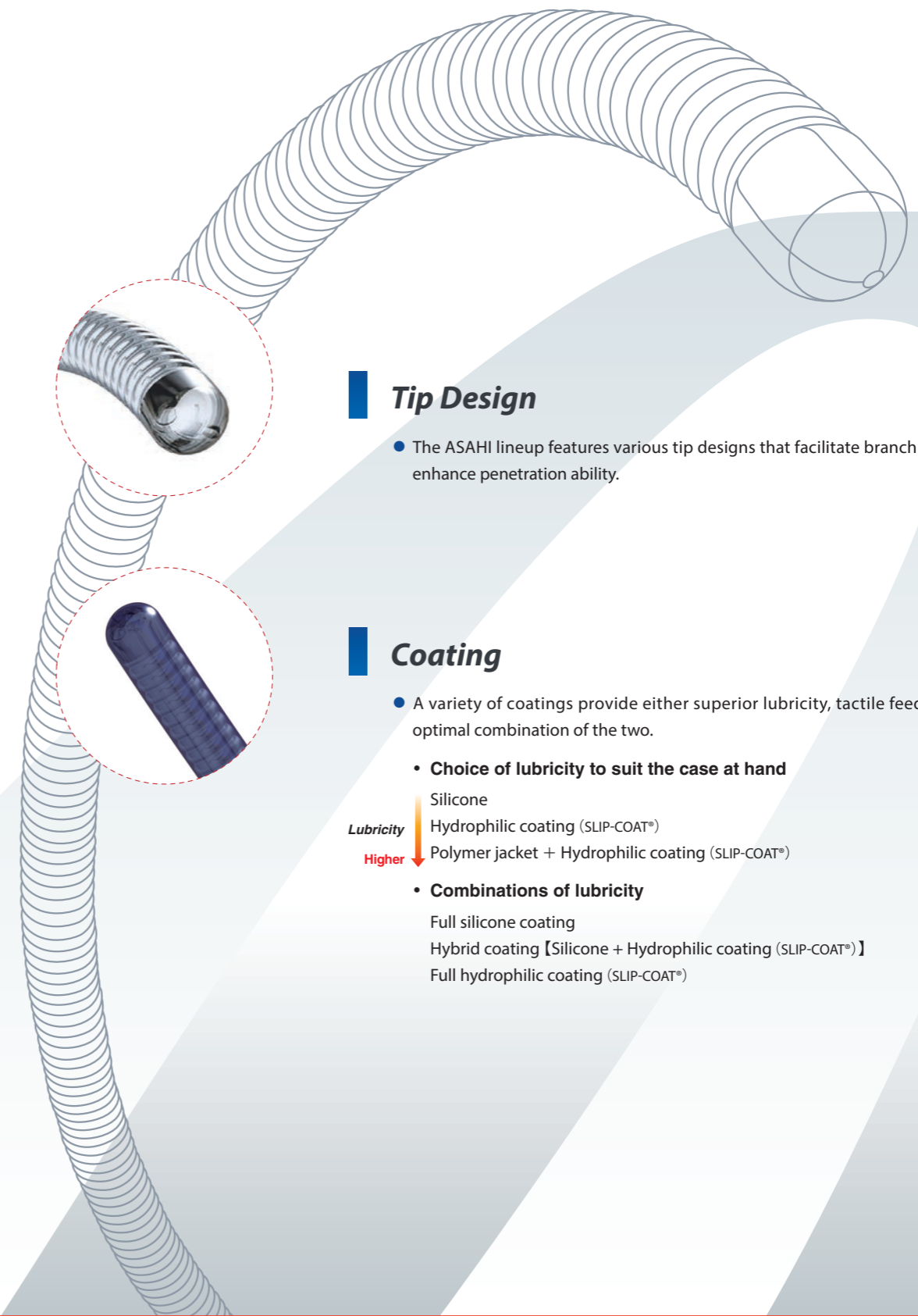
designed with ACTONE inside

- Enhanced tip durability
- Combination of flexibility and torque force
- Reduced whipping of the wire due to superior torque response



One-Piece Core Wire

- The one-piece core wire supports the entire guide wire, enabling transmission of torque from the proximal to the distal end without loss.



Tip Design

- The ASAHI lineup features various tip designs that facilitate branch selection or enhance penetration ability.

Coating

- A variety of coatings provide either superior lubricity, tactile feedback, or an optimal combination of the two.

Choice of lubricity to suit the case at hand

- Higher ↓ Silicone
- Hydrophilic coating (SLIP-COAT®)
- Polymer jacket + Hydrophilic coating (SLIP-COAT®)

Combinations of lubricity

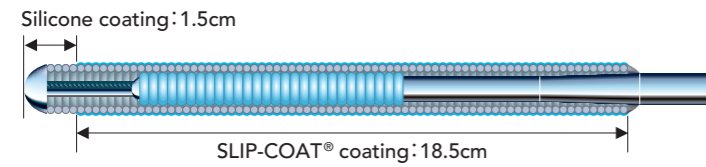
- Full silicone coating
- Hybrid coating [Silicone + Hydrophilic coating (SLIP-COAT®)]
- Full hydrophilic coating (SLIP-COAT®)

Frontline Guide Wires

ASAHI SION blue

PTCA GUIDE WIRE

Standard model frontline guide wire with great tip flexibility and support for a safer procedure up to the stent delivery.



- Hybrid coating
For smooth control and safety in the vessels.
- Unique shaft color
For easy distinction from other ASAHI wires.

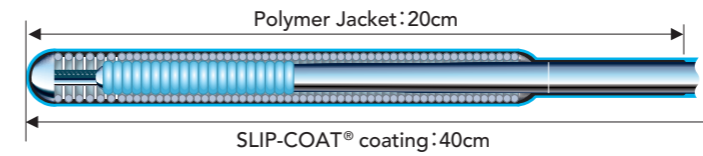


- Radiopaque length 3 cm
- Usable length 180 cm

ASAHI SION black

PTCA GUIDE WIRE

Frontline guide wire with a polymer jacket designed to retain flexibility while crossing high resistance stenosis and vessels.



- Polymer jacket + Flexible tip
Maintain the flexibility and enhanced trackability through tortuous anatomy and crossability of high resistance stenosis.

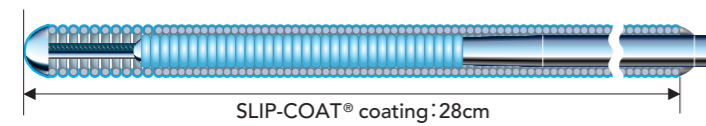


- Radiopaque length 3 cm
- Usable length 190 cm

ASAHI SION

PTCA GUIDE WIRE

First choice guidewire with a flexible shaft and full hydrophilic coating, recommended for tortuous vessels and side branches.

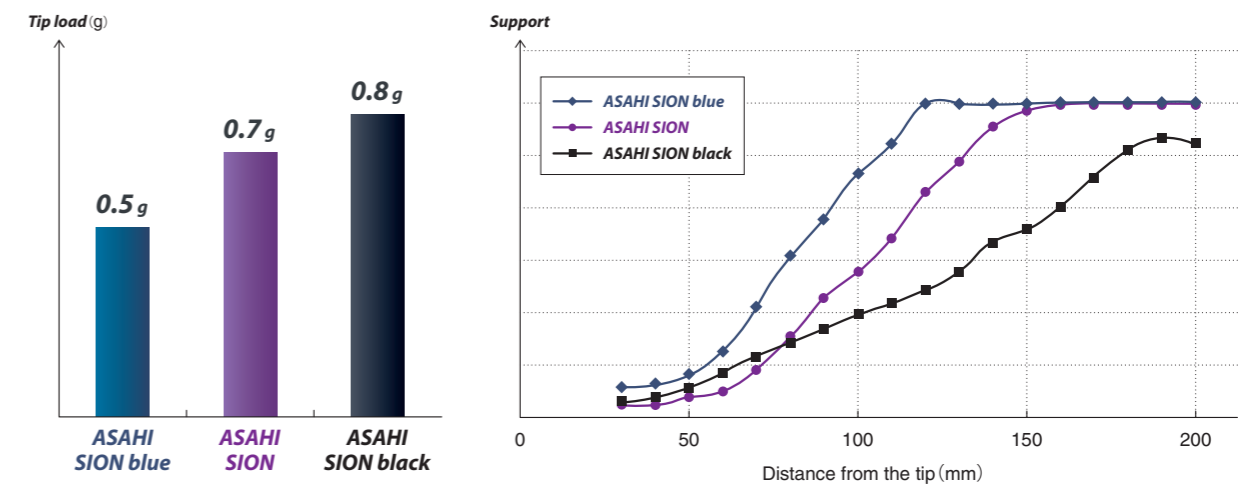


- Full hydrophilic coating
For excellent tip durability and torque performance in tight anatomy.



- Radiopaque length 3 cm
- Usable length 180 cm

ASAHI SION series positioning



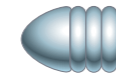
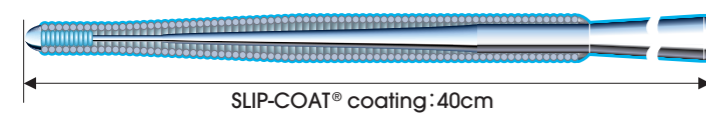
The above data was obtained by company standardized test, which may differ from industry standardized tests.
The above data does not prove that all devices have exactly the same performance with the samples used for these tests.

Chronic Occlusion Guide Wires

ASAHI Gaia

PTCA GUIDE WIRE

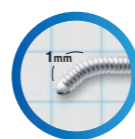
Guide wire with a high maneuverability in the chronic occluded lesion, and a tip designed to improve penetrability into the lesion while remaining flexible.



▶ **Gaia micro-cone tip**
Enables easy creation of an entry route into the hard tissue and fibrous cap.



● Radiopaque length 15 cm
● Usable length 190 cm

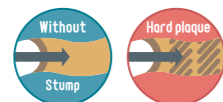


▶ **1mm mini pre-shape**
Pre-shaping of the tip is incorporated in the production process, significantly increasing shape retention.

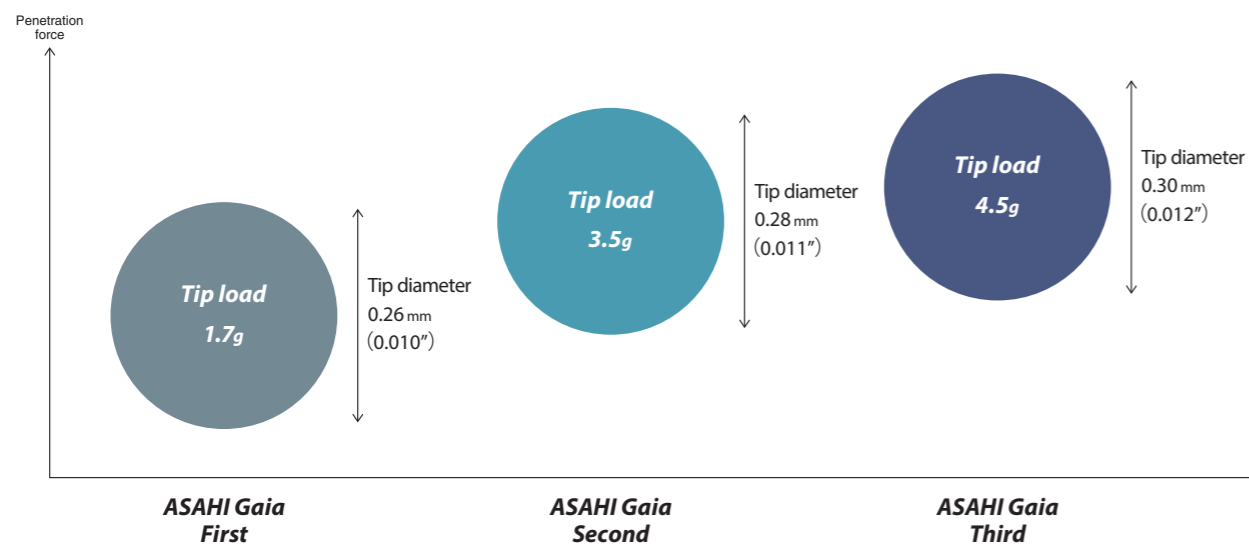
ASAHI Gaia First



ASAHI Gaia Second
ASAHI Gaia Third



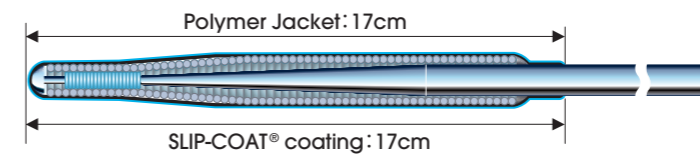
ASAHI Gaia series positioning



Fielder XT-R

Extreme Precision for Complex Lesions

Guide wire recommended for narrow channel tracking with its low profile, flexible tip, and high lubricity polymer coating.



▶ **Tapered tip + Tip load 0.6g**
The soft tip that decreases penetration force and increases the trackability of the wire inside the vessel makes it well suited for channel tracking.

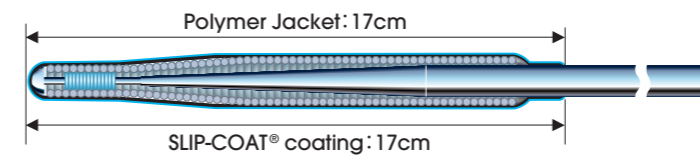


● Radiopaque length 16 cm
● Usable length 190 cm

Fielder XT-A

Extreme Precision for Complex Lesions

Guide wire with a higher tip load than Fielder XT-R, facilitating entry into the chronic occluded lesion.

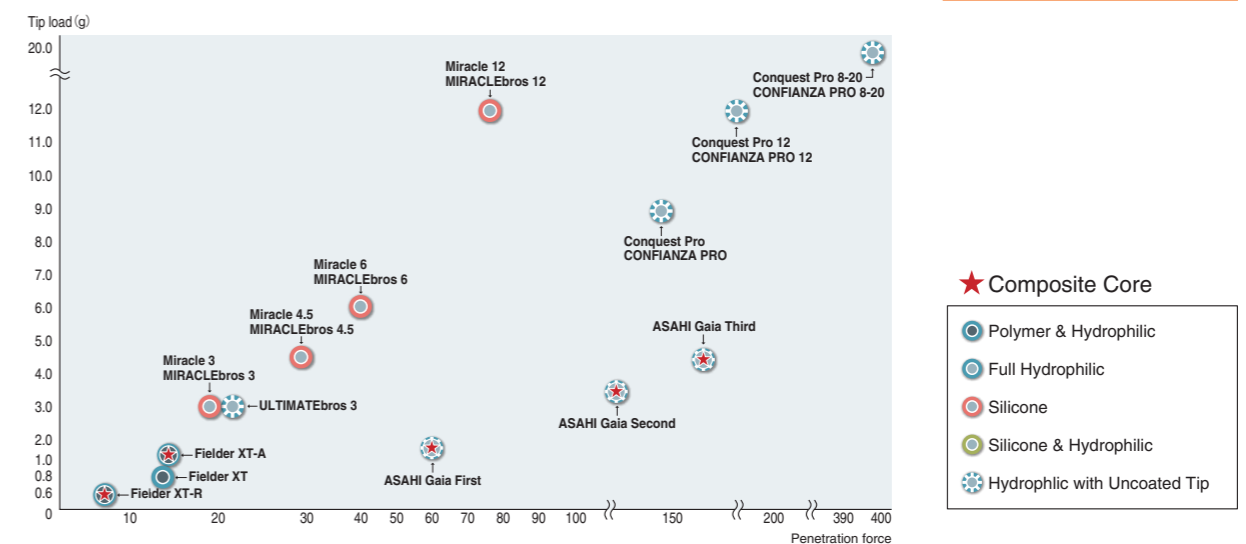


▶ **Tapered tip + 1.0g Tip load**
A higher tip load and increased push force transmission enhance the ability of the wire to enter into the lesion.



● Radiopaque length 16 cm
● Usable length 190 cm

ASAHI's chronic occlusion wires overview



ASAHI Caravel

A versatile microcatheter that completes the simple and simplifies the complex.

ACT ONE Precision Braided Shaft

- Unique braiding delivers best-in-class flexibility.
- Precision engineering ensures unmatched performance in tortuous anatomy.

Ultra Low Profile Tip

- Tip tapers to 0.48mm (0.019" (1.4Fr)).
- Exceptional tip flexibility.
- Smoothly tracks into tortuous anatomy.

Internal Lumen Integrity

- Enhanced resistance to kinking in tortuous anatomy.
- Facilitates optimal guide wire performance.

ACT ONE Maintains Inner Lumen

Low Profile Microcatheter

- Excellent crossing profile: 0.62 mm (1.9 Fr).
- Low profile design to cross microchannels.
- 2 Caravels fit in a 6Fr guide catheter.

ASAHI Corsair Pro Microcatheter

Delivering excellence through evolution and tradition.

Spiral Protector

Enhanced kink resistance prevents damage when removing from holder or when shaft is bent.

SHINKA-Shaft

SHINKA-Shaft (stainless steel coil shaft with 10 braided wires)

ASAHI brand propriety braiding pattern preserves high push and enables rotating manipulation. (Rotation limited up to 10 times in each direction.)

Tapered Soft Tip

Tapering to 0.42mm (1.3Fr)

- High visibility at the lesion part
- High tracking ability into the lesion
- Entire tip is visible under fluoroscope

Balanced Joint Design

Gradual balance of stiffness from the tip to the joint of the shaft area enhances tracking ability.

Tornus

Excellent performance for the treatment of highly stenosed lesions.

Features

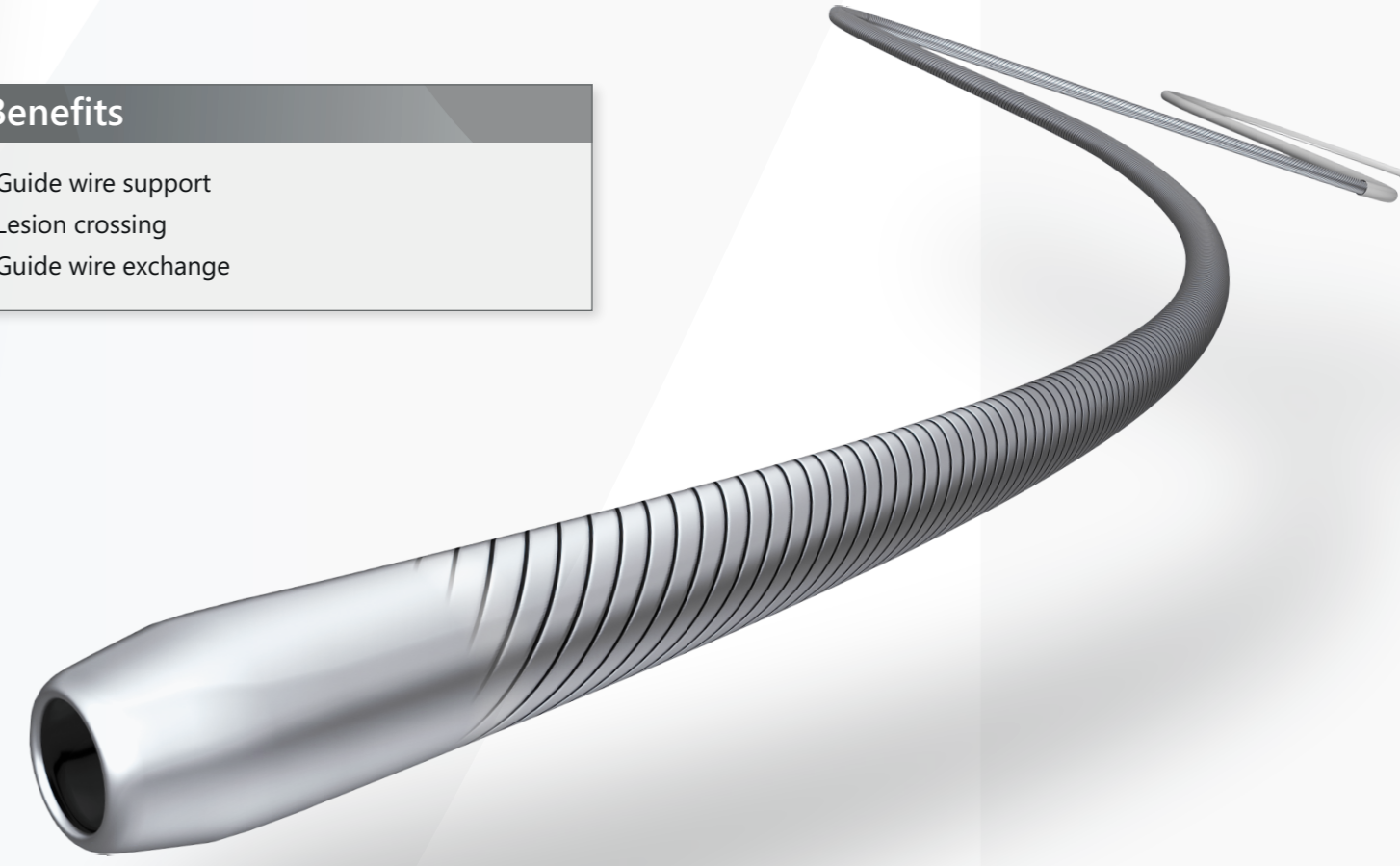
- **Stainless Steel Coil Shaft**
For outstanding support, pushability, and torque performance. Shaft structure enables rotation of the catheter, providing excellent crossability.
- **Distal Radiopaque Marker**
For easy visualisation of the distal tip.

Benefits

- Guide wire support
- Lesion crossing
- Guide wire exchange

Characteristics

- **Tornus 2.1Fr**
Offers greater flexibility for tortuous anatomy.
- **Tornus 88Flex 2.6Fr**
Provides extra support and pushability for challenging lesions.



Creating a stable environment for your PCI procedure



The guide catheter that can handle various sorts of difficult PCI conditions has arrived. The solution lies in here.

Inner Lumen

► The reasonable specifications for your stable PCI procedure

Enough room for your needs

- The large inner diameter diminishes the worry about friction between devices especially with 6F KBT, and provides more effective contrast visualization.



PTFE liner

- Smooth inner lumen reduces device insertion resistance.

	ID	OD
6 Fr:	1.80 mm (0.071")	2.09 mm
7 Fr:	2.05 mm (0.081")	2.40 mm
8 Fr:	2.28 mm (0.090")	2.70 mm

Flexible Tip

► Safe engagement and correct positioning made possible with our flexible-tip technology

Material

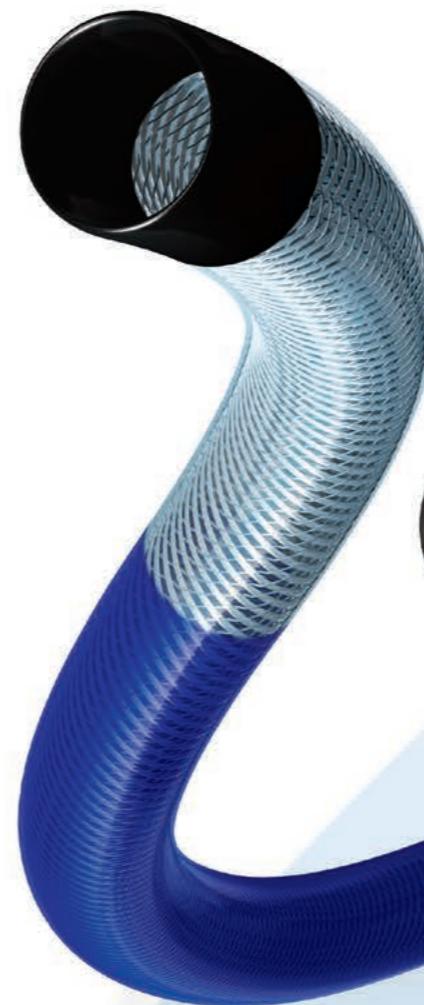
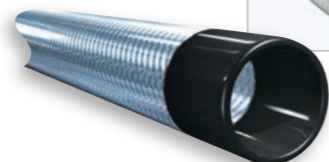
- Safe engagement is made possible due to the Urethane tip, the same material used for the tip of ASAHI Corsair, providing both flexibility and high visualization.



High visualization

All round processed tip

- Processed round tip walls result in atraumatic vessel engagement.



Backup

► Long-lasting backup even during challenging procedures

Hyper Shaft

- ASAHI INTECC's unique processing technologies prevent reduction of maneuverability and backup due to heat and moisture of blood during the procedure.

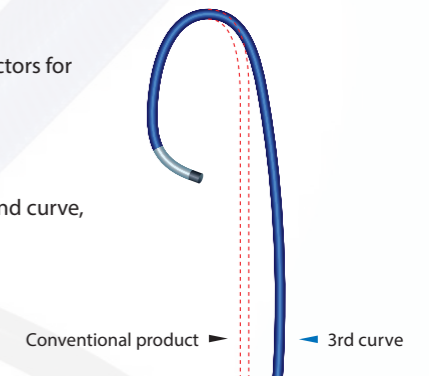
Reinforced 2nd curve

- A reinforced 2nd curve and excellent shape retention are key factors for high backup.

ASAHI INTECC-original 3rd curve

- ASAHI Hyperion's unique 3rd curve at the proximal part of the 2nd curve, improves backup by increasing the contact area between the catheter and the aortic wall.

*For JL, JLST, AL, SAL

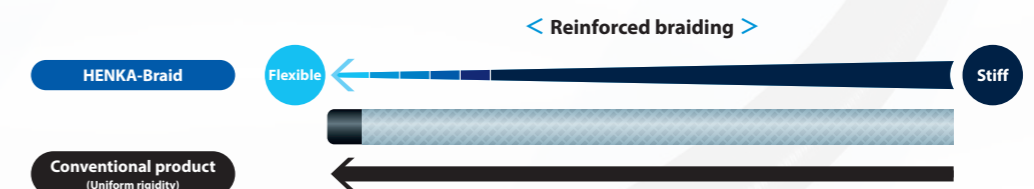


Maneuverability

► Provides superior maneuverability in tortuous vessels and prevents the catheter from jumping out of the ostium when engaging.

HENKA-Braid

- ASAHI INTECC's unique braiding technology provides well-balanced shaft with reinforced supportive shaft that gradually becomes softer towards the tip.



* HENKA is a Japanese word for transformation