**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 ACT ONE: 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.

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**Coatings**

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
  - Full silicone coating
  - Giant Slime, ASAI Miracle 12 / ASAI Miracle 12
  - Hybrid coating [Silicone - Hydrophilic coating [Sion-Chol™]]
  - ASAI SION blue / ASAI SION blue 32
  - Hydrophilic coating with uncoated tip
    - ULTRAflex 1.8, ASAI Edge series, ASAI Compara Pro / ASAI Conference Pro series
  - Full hydrophilic coating [Sion-Chol™]
  - ASAI SION, ASAI SION blue 32
  - Polyurethane jacket + Hydrophilic coating [Sion-Chol™]
  - Polyurethane jacket + Sion-Chol™
  - ASAI SION black

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**Tip design**

A variety of tip designs to facilitate branch selection or penetration ability. ASAI offers the right wire for any lesion.

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**Joint-less spring coil**

Ensures a smooth transition from platinum to stainless steel spring coil. The smooth surface of the coil enables good glide with other interventional devices and maintains torqueability of the wire.

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**ACT ONE**

Employs the ASAI bimetal core coil, which provides torqueability, flexibility and resiliency.

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**One-piece core wire**

One-piece core wire supports the entire guide wire from the proximal to the distal end. This design transmits the guide wire torque from one end to the other without loss.
**Frontline guide wires**

**ASAHI SION blue**
- Tip kote: 0.5 g
- Tip radiopacity: 3 cm
- SLFP-GOAT coating over the spring coil
- First choice guide wire with proprietary Composite Core construction for greater tip flexibility and support performance. Easy to discern shaft color for differentiation from other ASAHI wires. *Silicone coating up to 15 mm from the tip for safer procedures.

**ASAHI SION**
- Tip kote: 0.7 g
- Tip radiopacity: 3 cm
- SLFP-GOAT coating over the spring coil
- First choice guide wire with proprietary Composite Core construction for excellent tip durability and torque performance in tight anatomy. Flexible shaft and atraumatic tip for stress-free operation.

**ASAHI SION black**
- Tip kote: 0.8 g
- Tip radiopacity: 3 cm
- Polymer jacket length: 40 cm
- SLFP-GOAT coating over the spring coil
- Frontline guide wire with a polymer jacket designed to retain flexibility while crossing high resistance stenosis and vessels.

**Support guide wires**

**ASAHI SION blue ES**
- Tip kote: 0.5 g
- Tip radiopacity: 3 cm
- SLFP-GOAT coating over the spring coil
- An extra support type wire with SION-TCC. A wire that stabilizes the guide catheter for stress-free device delivery. *Silicone coating up to 25 mm from the tip for safer procedures.

**Grand Slam**
- Tip kote: 0.7 g
- Tip radiopacity: 4 cm
- Silicone coating over the spring coil
- Stiff wire shaft provides extra support for delivery of interventional devices in extreme cases.

**Frontline wires**

- ASAHI SION blue
  - Everyday use
  - High support
  - Low tip load
  - 1:1 torque = no whip motion

- ASAHI SION black
  - Sliding performance
  - High flexibility
  - Moderate tip load
  - 1:1 torque = no whip motion

- ASAHI SION blue ES
  - Round core wire
  - Balanced support shaft
  - Low tip load
  - 1:1 torque = no whip motion

- ASAHI SION
  - High support guide wire
  - Round core wire
  - Balanced support shaft
  - Low tip load
  - 1:1 torque = no whip motion

- ASAHI SION black
  - Everyday use
  - High support
  - Low tip load
  - 1:1 torque = no whip motion

- ASAHI SION blue ES
  - Round core wire
  - Balanced support shaft
  - Low tip load
  - 1:1 torque = no whip motion

- ASAHI SION black
  - Everyday use
  - High support
  - Low tip load
  - 1:1 torque = no whip motion
**Complex and Chronic occlusion guide wires**

**Fielder XT-R**
- Tip lead: 0.6 g/l
- Tip radiopacity: 16 cm
- Polymer jacket length: 17 cm
- Tip outer diameter: 0.26 mm (0.010 inch)
- SLIP-COAT™ coating over the polymer jacket

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

**Fielder XT-A**
- Tip lead: 1.0 g/l
- Tip radiopacity: 16 cm
- Polymer jacket length: 17 cm
- Tip outer diameter: 0.26 mm (0.010 inch)
- SLIP-COAT™ coating over the polymer jacket

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

**ULTIMATEbros 3**
- Tip lead: 0.6 g/l
- Tip radiopacity: 11 cm
- SLIP-COAT™ coating over the spring coil until the middle of the shaft (without tip)

Long hydrophilic coating maintains high maneuverability, allowing for improved wire manipulation in heavy stenosed lesions. Fine shaping improves vessel selectivity and reduces the risk of false lumen expansion.

**ASAHI Gaia series (First, Second, Third)**
- Tip lead: ASAHI Gaia First: 1.2 g/l
- ASAHI Gaia Second: 2.2 g/l
- ASAHI Gaia Third: 3.2 g/l
- Tip radiopacity: 16 cm
- Tip outer diameter: ASAHI Gaia First: 0.26 mm (0.010 inch)
- ASAHI Gaia Second: 0.28 mm (0.011 inch)
- ASAHI Gaia Third: 0.30 mm (0.012 inch)
- SLIP-COAT™ coating: 40 cm

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

**Complex and Chronic occlusion guide wires**

**ASAHI Conquest Pro series / ASAHI Confinanza Pro series**
- Tip lead: 0.6 g/l / 1.2 g/l
- Tip radiopacity: 16 cm
- SLIP-COAT™ coating over the spring coil

Tapered guide wire for crossing complex lesion with heavy calcification or tough fibrous tissues.

**ASAHI Miracle 12 / ASAHI MIRACLEbros 12**
- Tip lead: 1.0 g/l
- Tip radiopacity: 11 cm
- SLIP-COAT™ coating over the spring coil

Guide wire with good tactile feedback which maintains torqueability through the occlusion.
Externalization guide wire

**ASAHI RG3**

- Tip load: 3.0 gf
- Tip radiopacity: 3 cm
- SLIP-COAT® coating over the spring coil and until the middle of the shaft
- Shaft diameter: 0.26 mm (0.010 inch)
- Guide wire length: 330 cm

For guide wire externalization only. Optimal wire strength, hydrophilic coating and 0.26 mm (0.010 inch) shaft provide superior inside-catheter pushability. With the inner wall damage possibility reduced in tortuous vessels as well, the risk of complication is minimized.

Retrograde guide wire

**ASAHI SUOH 03**

- Tip load: 0.3 gf
- Tip radiopacity: 3 cm
- SLIP-COAT® coating: 52 cm

Flexible shaft provides superb trackability and crossability in severe tortuosity. The long radiopaque segment provides good visualization.

**Tip flexibility**

Radiopaque distal 30 mm is the most flexible among ASAHI guide wires.

**Tip load (gf)**

The softest tip among ASAHI guide wires – 0.3 gf.*

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All the data were obtained by company standardized test, which may differ from industry standardized tests.

All the data do not guarantee that all devices have exactly the same performance with the samples used for tests.

*Softest available tip load at 0.3 gf is as of Jan 2017.
ASAHI’s unique guide wire technology with Composite Core

SION TECC

Leading to the NEXT

Fielder XTA

Fielder XTR

ASAHI Gaia Second

ASAHI Gaia Third

ASAHI Gaia First

ASAHI SUOH03

4 core technologies
<table>
<thead>
<tr>
<th>Product</th>
<th>Catalog No.</th>
<th>Diameter (mm (inch))</th>
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<th>Spring coil length (cm)</th>
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Not all products and shapes are available in all markets. Please check availability with your sales representative.
Coated with SLIP-COAT® coating.

Manufactured by: ASAHI INTECC CO., LTD.
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ASAHI PTCA Guide Wire/ver.1/L2/AMC-K17223 | AIE-17021-EN v2