

FATHOM™ Steerable Guidewires



In-Service Presentation

Product Overview

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Stainless Steel
Core Wire for
Rail Support

Unique Slotted
Nitinol Distal Tip

Atraumatic and Visible
Platinum-Tungsten Coil Tip

Available in
Multiple Sizes,
and Tip Lengths

Pre-shaped and
Straight Tip
Configuration

NEW! Pre-Shaped Tip and Radial Access Lengths



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RADIAL ACCESS LENGTHS

- New Lengths: 200 and 215 cm
- 10 cm distal tip length



PRE-SHAPED TIPS

- Angled Tip
- Very Similar to Terumo Double Angle Shape
- 10 cm distal tip length

BSC FATHOM Angled Actual Device Image	Terumo Glidewire GT – Double Angle	
	Actual Device Image	Product Labeling
		

FATHOM – Turn-for-Turn Torque Response



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STANDARD GUIDEWIRES

Majority of torque is transmitted through the core wire, which does not transfer well to the distal tip.



FATHOM GUIDEWIRE

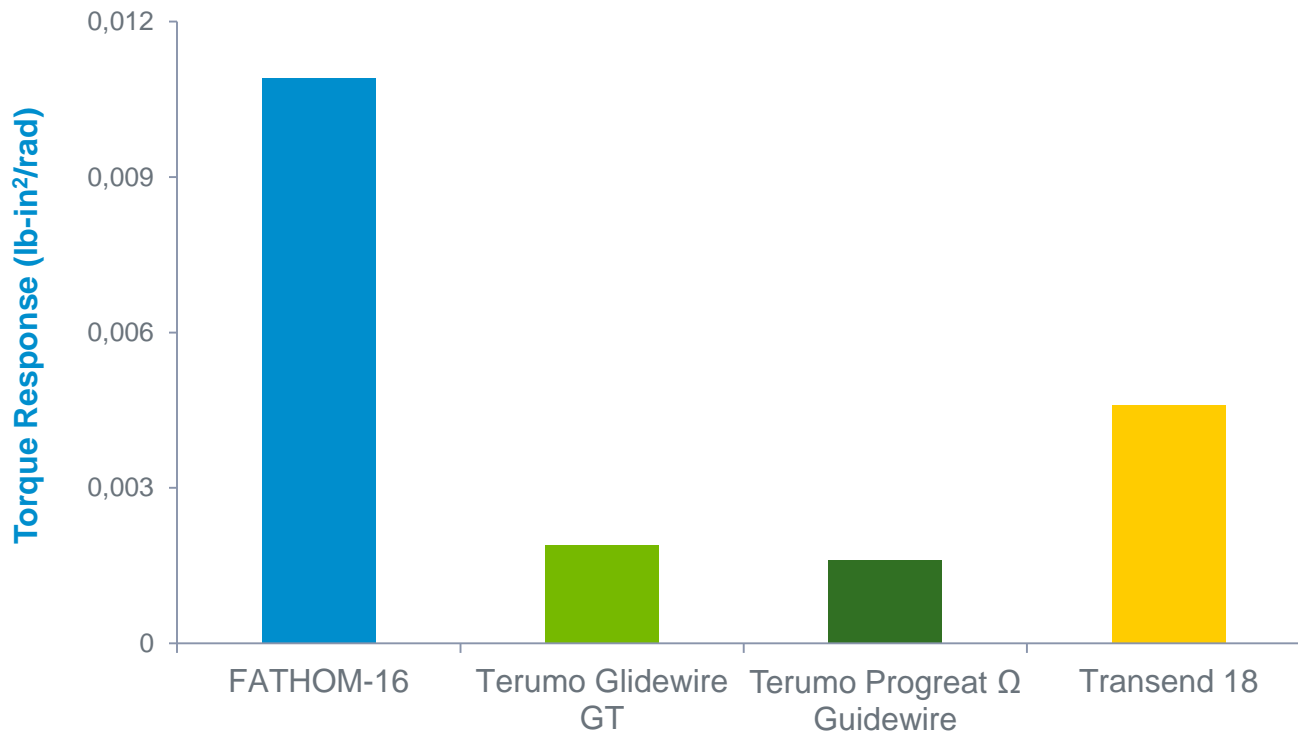
Majority of torque is transmitted from the core wire to the nitinol sleeve, which creates direct *turn-for-turn response* at the distal tip.

FATHOM – Torque Response



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- FATHOM-16 offers nearly **6x more torque response** at the distal tip than Terumo Glidewire GT



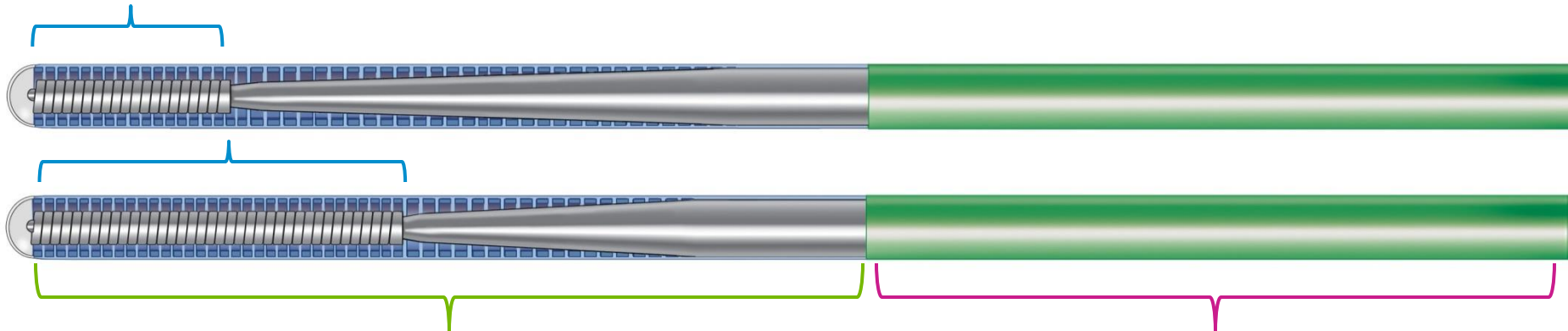
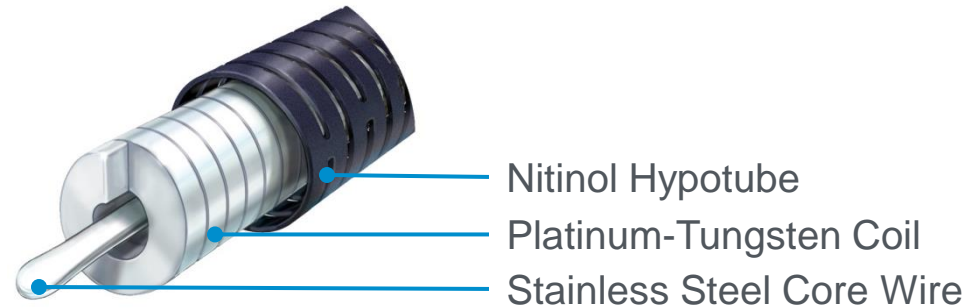
Bench testing data on file, n = 15 for Fathom-16, Terumo Glidewire GT, Terumo Progreat Ω Guidewire, and Transend-18. Bench testing results may not be indicative of clinical performance.

FATHOM – Wire Design

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DISTAL TIP

- 10 cm or 20 cm in length
- Platinum-Tungsten Coil
- Provides visibility and tip shapeability



NITINOL OUTER SLEEVE

- 25 cm or 35 cm in Length
- Diamond-cut hypotube to transmit torque
- Alternating pattern of microscopic channels to balance flexibility with proximal stiffness

CORE WIRE

- 150 – 250 cm in Length
- Stainless Steel
- Proximal PTFE Coating

FATHOM – Distal Tip Product Images



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FATHOM-16

- Diameter: 0.016" (0.41 mm)
- Available in lengths of 140, 180, 200 and 215 cm
- Two distal tip configurations of 10cm and 20 cm
- NEW - Pre-shaped angled configuration

FATHOM-14

- Diameter: 0.014" (0.36 mm)
- Available in lengths of 200 and 300 cm
- One distal tip configuration of 10 cm
- Pre-shaped angled configuration

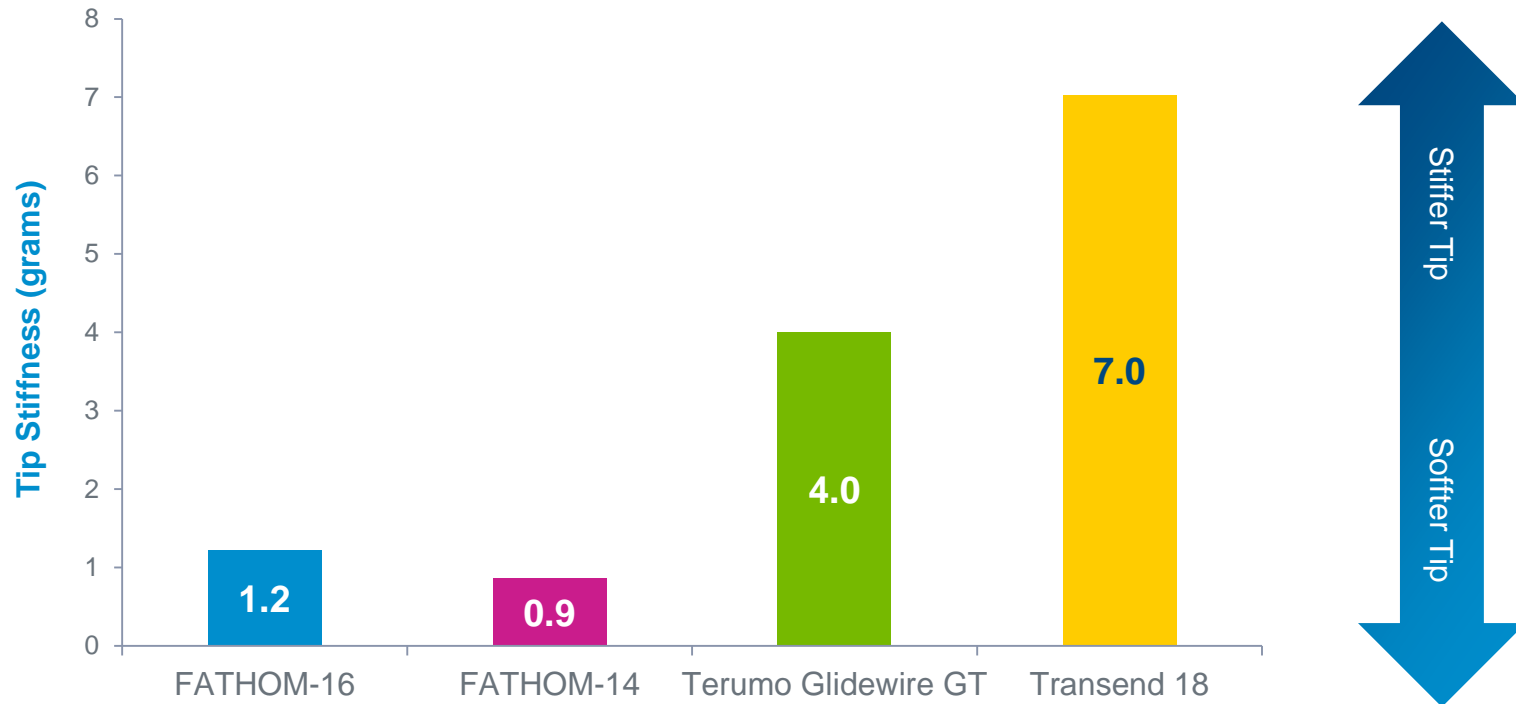


FATHOM – Rail Support



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- FATHOM-16 and FATHOM-14 are **75% softer at the distal tip** when compared to Terumo Glidewire GT



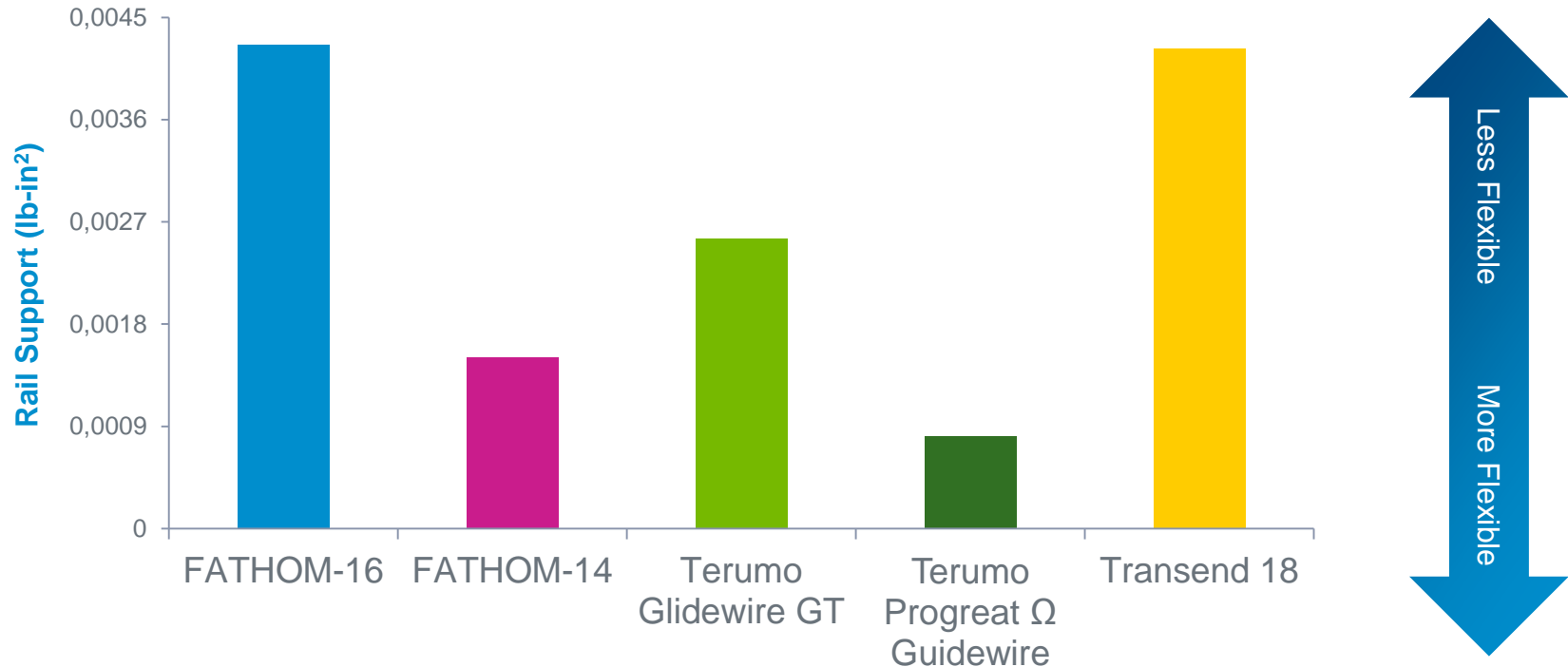
Bench testing data on file, n = 15 for FATHOM-16, Terumo Glidewire GT, Terumo Progreat Ω Guidewire, and Transend-18. Bench testing results may not be indicative of clinical performance.

FATHOM – Tip Shape Retention



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- **FATHOM-16 offers more core wire support for tracking to distal anatomies** but customers who prefer Terumo may like FATHOM-14 for its “floppier” flexibility profile



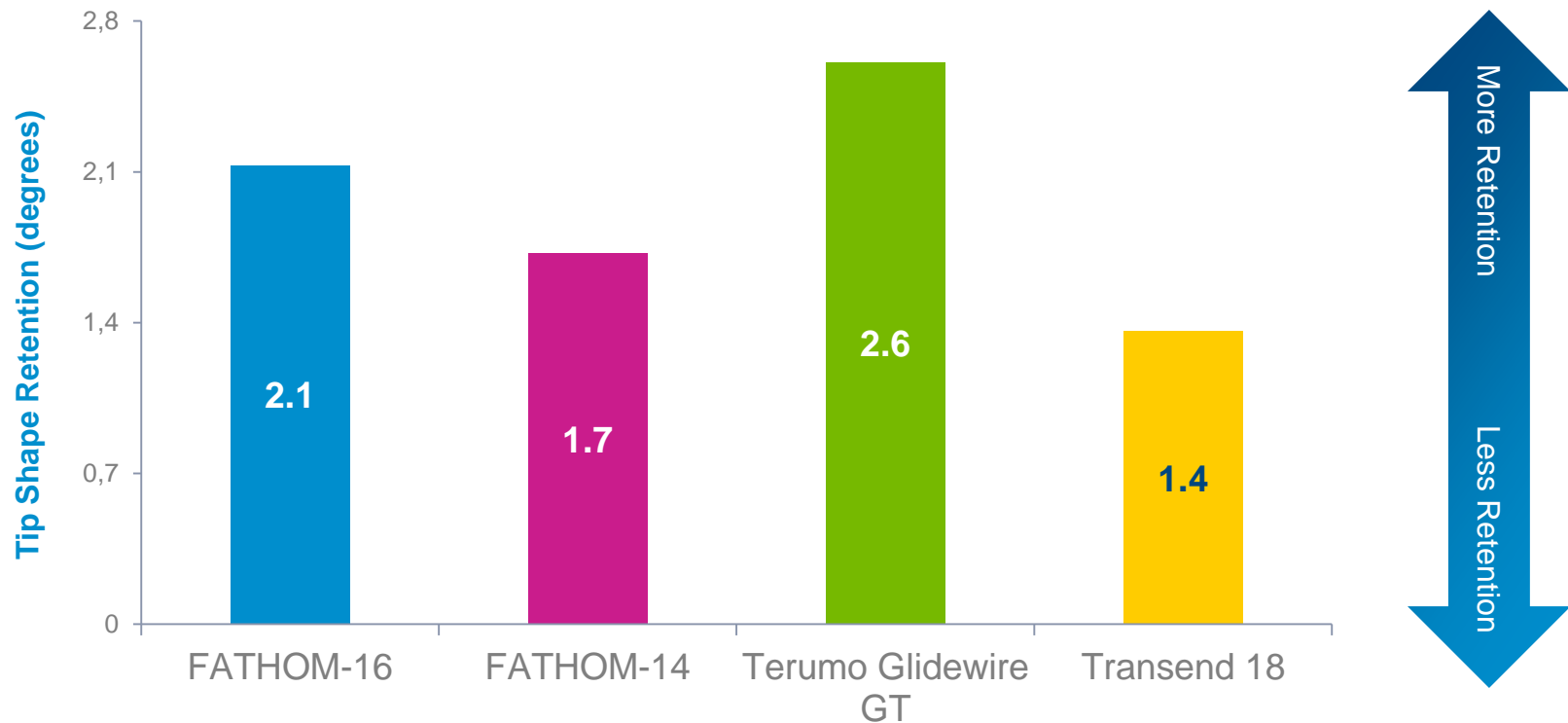
Bench testing data on file, n = 15 for FATHOM-16, Terumo Glidewire GT, Terumo Progreat Ω Guidewire, and Transend-18. Bench testing results may not be indicative of clinical performance.

FATHOM – Tip Shape Retention



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- Competitive Tip Shape Retention at 1 hour



Bench testing data on file, n = 15 for FATHOM-16, Terumo Glidewire GT, Terumo Progreat Ω Guidewire, and Transend-18. Bench testing results may not be indicative of clinical performance.

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FATHOM vs. BSC Transend Guidewire



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	FATHOM	Transend	Why Choose FATHOM?
Available Diameters	0.014" and 0.016"	0.014" and 0.018"	0.016" vs. 0.018"
Total UPNs	0.014" : Four (4) 0.016" : Nine (9)	0.014": Three (3) 0.018": Two (2)	Clinical Flexibility
Usable Length	0.014" : 200 and 300 cm 0.016" : 140, 180, 200, 215 cm	0.014" : 135, 165 and 190 cm 0.018" : 135 and 165 cm	Longer Lengths
Core Wire Material	Stainless Steel	Stainless Steel	N/A
Tip Configurations	0.014" : 35cm Hypotube/10 cm Tip 0.016" : 25cm Hypotube/10 cm Tip 35cm Hypotube/20 cm Tip	2 cm Tip	Clinical flexibility
Distal Tip Material	Platinum-Tungsten	Tungsten	Softer distal tip, better tip shape retention
Shapeable Tip	Yes	Yes	Better tip shape retention
Distal hydrophilic Coating Length	0.014" : 49 cm 0.016" : 69 cm	Distal: Hydrophilic (38 cm)	Improved tracking
Features	Microfabricated, Slotted Nitinol Hypotube with Platinum Tip	Scitanium™ Alloy Tip	Turn-for-turn torque response with a softer distal tip and better flexibility profile

*0.014" (0.36 mm) / 0.016" (0.41 mm) / 0.018" (0.43 mm)

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FATHOM vs. Terumo Glidewire GT



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	FATHOM	Terumo Glidewire GT	Terumo Progreat Ω System Guidewire
Available Diameters	0.014" and 0.016"	0.018"	0.021"
Total UPNs	0.014" : Four (4) 0.016" : Nine (9)	Four (4)	Four (4) – ONLY AVAILABLE IN MICROCATHETER SYSTEM
Usable Length	0.014" : 200 and 300 cm 0.016" : 140, 180, 200, 215 cm	180 cm	120 and 140 cm
Core Wire Material	Stainless Steel	Nitinol	Nitinol
Tip Configurations	0.014" : 35 cm Hypotube/10 cm Tip 0.016" : 25 cm Hypotube/10 cm Tip 35 cm Hypotube/20 cm Tip	25 cm Taper / 2 cm Tip	25 cm
Distal Tip Material	Platinum-Tungsten	Gold	Gold
Shapeable Tip	Yes Pre-Shaped: 0.014" and 0.016" Angled	Yes Pre-Shaped: 45°, 90° and Double-Angle	Yes
Distal hydrophilic Coating Length	0.014" : 49 cm 0.016" : 69 cm	Hydrophilic	Hydrophilic
Features	Microfabricated, Slotted Nitinol Hypotube with Platinum Tip	Tip Shapes, Gold Tip	Unique 0.021" design

*0.014" (0.36 mm) / 0.016" (0.41 mm) / 0.018" (0.43 mm) / 0.021" (0.53 mm)

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Key Product Specifications



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	FATHOM-14	FATHOM-16
Wire Diameter (in.)	0.014"	0.016"
Usable Length	200 and 300 cm	140, 180, 200, 215 cm
Number of UPNs	4	9
Platinum Coil Tip Length	10 cm	10 and 20 cm
Tip Shapes	Straight and Angled	Straight and Angled
Pre-loaded System Offering	None	Direxion Direxion HI-FLO Renegade HI-FLO
Hydrophilic Coating Offering	None	Distal 69 cm
Length of Nitinol Hypotube	Distal 49 cm	25 and 35 cm
Core Wire Material	Stainless Steel	
Core Wire Material	Yes	

*0.014" (0.36 mm) / 0.016" (0.41 mm)

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FATHOM – Product Codes



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UPN	Description	Total Length (cm)	Shapeable Tip Length (cm)	Wire Diameter (in)*	Tip Shape
M001508100	FATHOM-14	200	10	0.014	Straight
M001508110	FATHOM-14	200	10	0.014	Angled
M001508140	FATHOM-14	300	10	0.014	Straight
M001508150	FATHOM-14	300	10	0.014	Angled

UPN	Description	Total Length (cm)	Shapeable Tip Length (cm)	Wire Diameter (in)*	Tip Shape
M001509000	FATHOM-16	140	10	0.016	Straight
M001509010	FATHOM-16	140	20	0.016	Straight
M001509100	FATHOM-16	180	10	0.016	Straight
M001509110	FATHOM-16	180	20	0.016	Straight
M001509120	FATHOM-16	180	10	0.016	Angled
M001509200	FATHOM-16	200	10	0.016	Straight
M001509210	FATHOM-16	200	10	0.016	Angled
M001509300	FATHOM-16	215	10	0.016	Straight
M001509310	FATHOM-16	215	10	0.016	Angled

*0.014" (0.36 mm) / 0.016" (0.41 mm)

FATHOM-16

Microcatheter System Availability



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UPN	Microcatheter Brand	Microcatheter Overall Length (cm)	Microcatheter Tip Length (cm)	Guidewire Length (cm)	Microcatheter Tip Shape
M001195610	DIREXION	130	3	180	Straight
M001195620	DIREXION	155	3	180	Straight
M001195640	DIREXION	130	3	180	Bern
M001195650	DIREXION	155	3	180	Bern
M001195660	DIREXION	130	3	180	Straight 2RO
M001195670	DIREXION	130	3	180	Bern 2RO
M001195710	DIREXION HI-FLO	130	3	180	Straight
M001195720	DIREXION HI-FLO	155	3	180	Straight
M001195740	DIREXION HI-FLO	130	3	180	Bern
M001195750	DIREXION HI-FLO	155	3	180	Bern
M001184500	RENEGADE HI-FLO	105	10	140	N/A
M001184510	RENEGADE HI-FLO	105	20	140	N/A
M001184520	RENEGADE HI-FLO	115	10	140	N/A
M001184530	RENEGADE HI-FLO	115	20	140	N/A
M001184540	RENEGADE HI-FLO	135	10	180	N/A
M001184550	RENEGADE HI-FLO	135	20	180	N/A
M001184560	RENEGADE HI-FLO	150	10	180	N/A
M001184570	RENEGADE HI-FLO	150	20	180	N/A

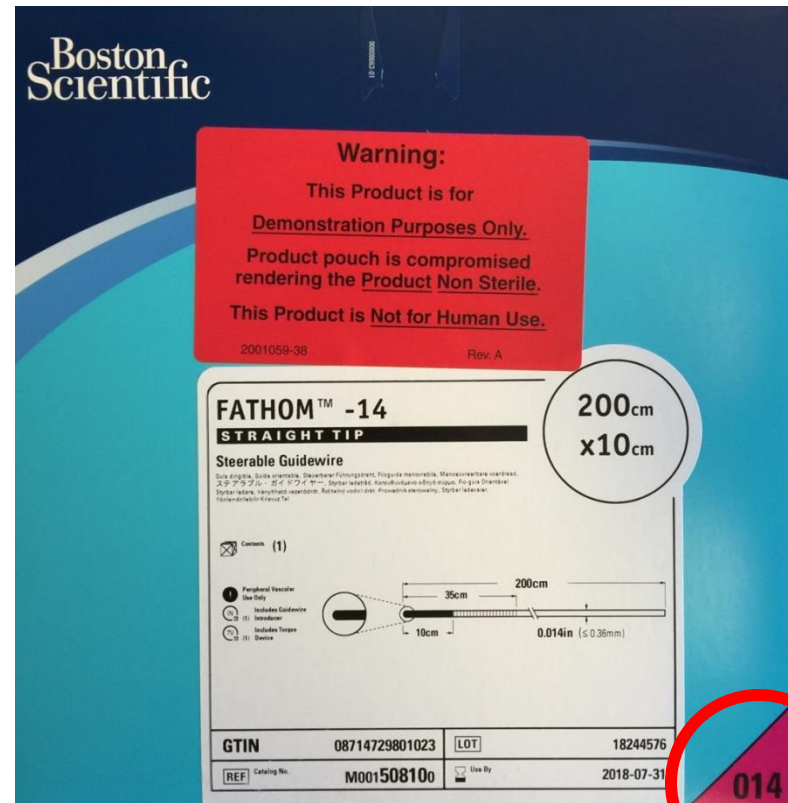
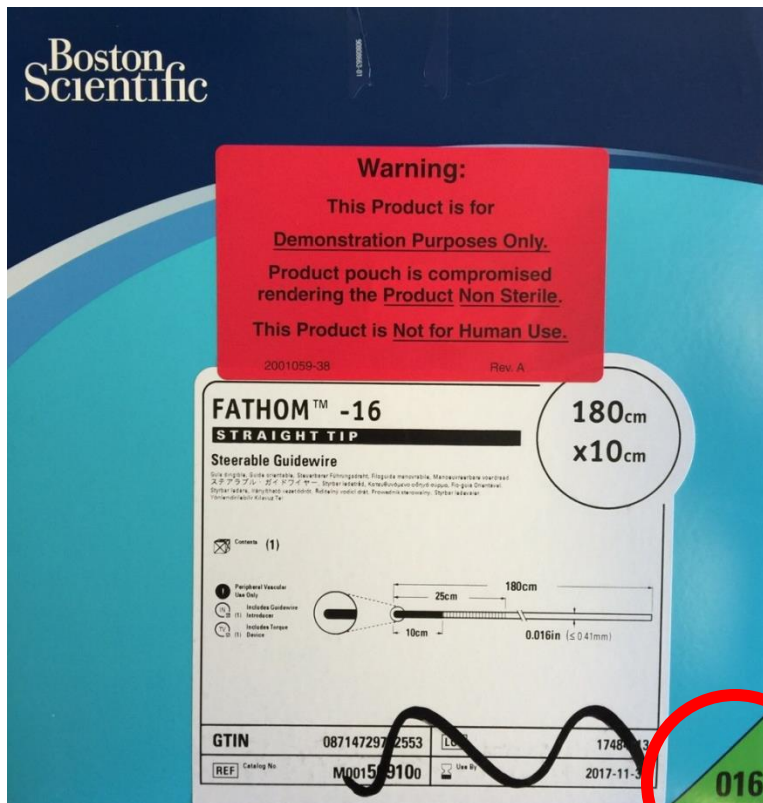
DIREXION and
RENEGADE are
the only preloaded
150 and 155 cm +
microcatheters

Packaging Overview



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- Both FATHOM Guidewires are packed in a **light blue box**. Each size is designated by **green** or **pink** corner flag.



Label Examples



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FATHOM-16 Guidewire

**140cm
x10cm**

FATHOM™ -16
STRAIGHT TIP

Steerable Guidewire
Gula dirigibile, Guide orientable, Steuerbarer Führungsdraht, Filoguida manovrabile, Manoeuvrerbare voerdraad, ステアラブル・ガイドワイヤー, Stybar ledetråd, Kotezőugójavó oányó csőpis, Filo-guia Orientável, Stybar ledare, irányítható vezetődrót, Říditelný vodící drát, Prowadnik sterowalny, Stybar ledevaier, Yönlendirilebilir Kılavuz Tel

Contents (1)
 (I) Peripheral Vascular Use Only
 (IN) Includes Guidewire
 (1) Introducer
 (TV) Includes Torque Device

GTIN 08714729764410 **LOT** 12345678

REF Catalog No. **M001509000** **Use By** 2010-12-31

STERILE EO Sterilized using ethylene oxide.



CE 0344

Made in USA
5905 Nathan Lane
Plymouth, MN 55442 USA

Boston Scientific
FATHOM™ -16
140cm x 10cm
GTIN 08714729764410
REF M001509000
LOT 12345678

Boston Scientific
FATHOM™ -16
140cm x 10cm
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GTIN 08714729764410
REF M001509000
LOT 12345678

(01)08714729764410(17)1012345678 6S1

FATHOM-14 Guidewire

**200cm
x10cm**

FATHOM™ -14
ANGLED TIP

Steerable Guidewire
Gula dirigibile, Guide orientable, Steuerbarer Führungsdraht, Filoguida manovrabile, Manoeuvrerbare voerdraad, ステアラブル・ガイドワイヤー, Stybar ledetråd, Kotezőugójavó oányó csőpis, Filo-guia Orientável, Stybar ledare, irányítható vezetődrót, Říditelný vodící drát, Prowadnik sterowalny, Stybar ledevaier, Yönlendirilebilir Kılavuz Tel

Contents (1)
 (I) Peripheral Vascular Use Only
 (IN) Includes Guidewire
 (1) Introducer
 (TV) Includes Torque Device

GTIN 08714729801030 **LOT** 12345678

REF Catalog No. **M001508110** **Use By** 2010-12-31

STERILE EO Sterilized using ethylene oxide.



CE 0344

Made in USA
5905 Nathan Lane
Plymouth, MN 55442 USA

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FATHOM™ -14
200cm x 10cm
GTIN 08714729801030
REF M001508110
LOT 12345678

Boston Scientific
FATHOM™ -14
200cm x 10cm
GTIN 08714729801030
REF M001508110
LOT 12345678

Boston Scientific
FATHOM™ -14
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LOT 12345678

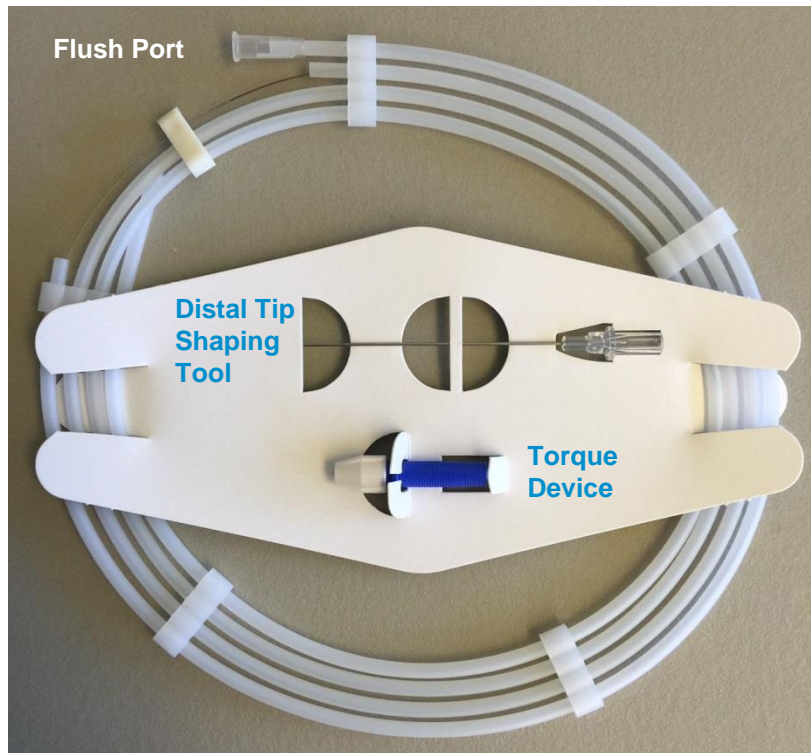
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Packaging Configurations

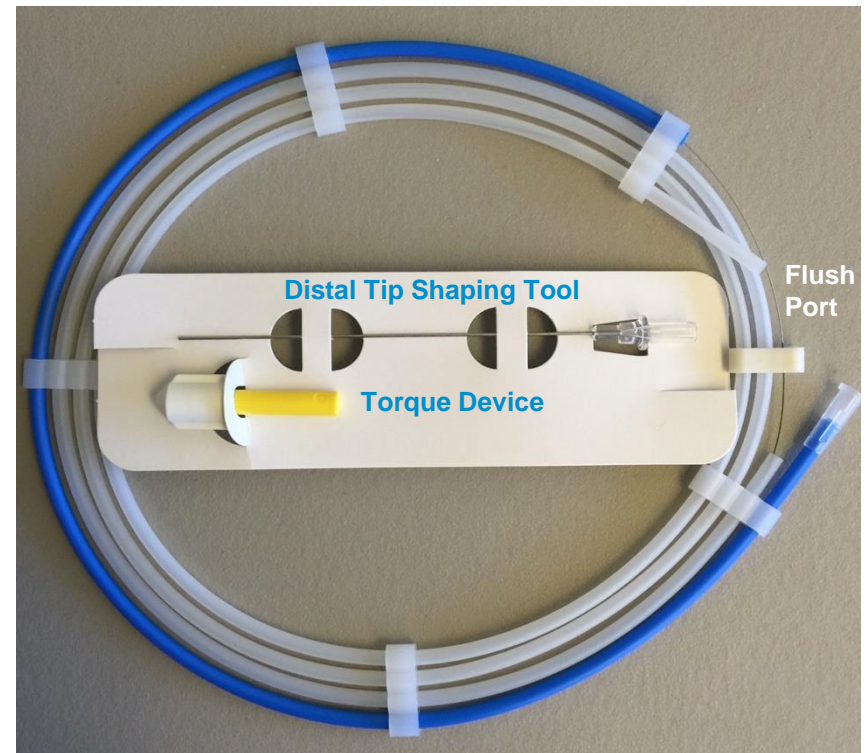


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FATHOM-16 Guidewire



FATHOM-14 Guidewire



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