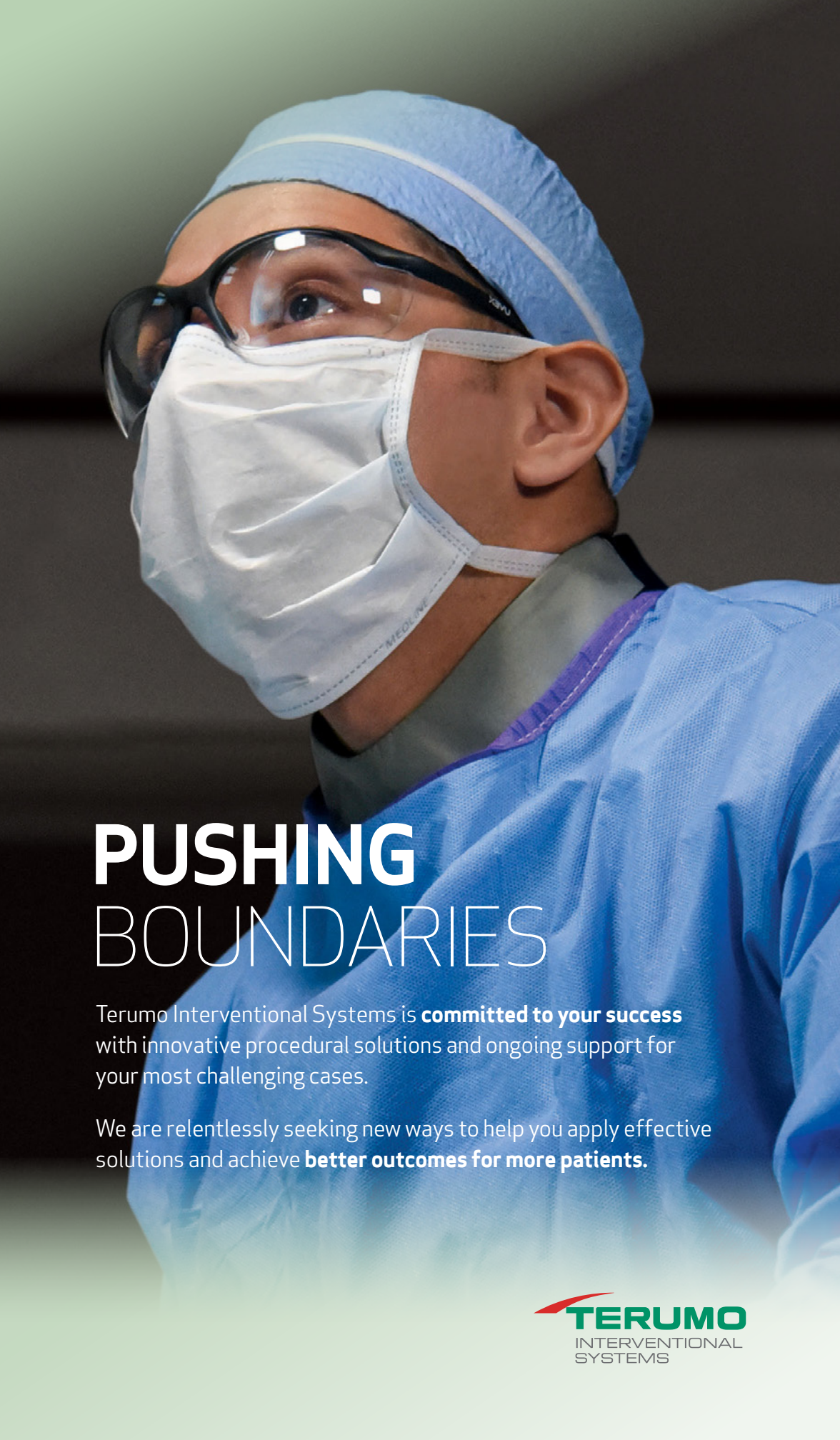
Glidewire® GT

Super-Selective Hydrophilic Coated Guidewire

ENGAGE CONFIDENTLY WITH **DEMONSTRATED PERFORMANCE**

Comparative Benchtop Data Review

TERUMO INTERVENTIONAL SYSTEMS


PUSHING
BOUNDARIES
Terumo Interventional Systems is committed to your success with innovative procedural solutions and ongoing support for your most challenging cases.
We are relentlessly seeking new ways to help you apply effective solutions and achieve better outcomes for more patients.
TERUMO
INTERVENTIONAL SYSTEMS

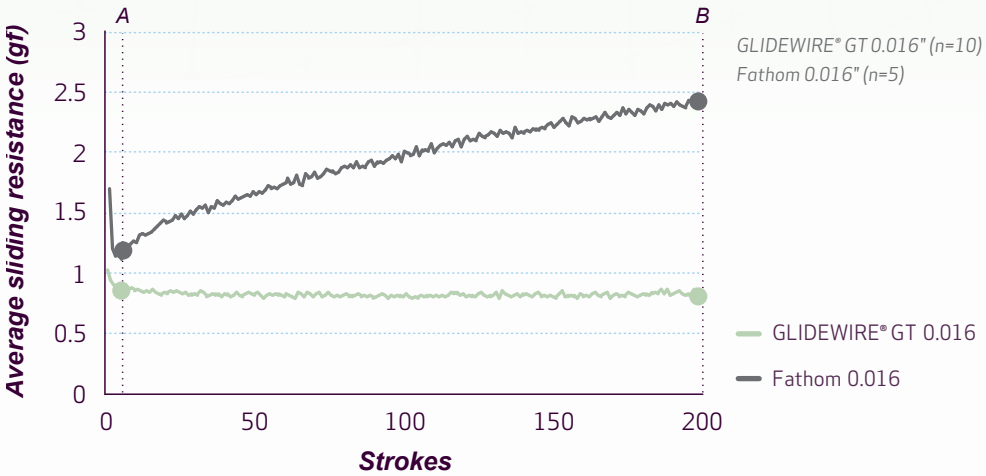
Glidewire® GT

Super-Selective Hydrophilic Coated Guidewire

Recent completion of rigorous bench testing comparing GLIDEWIRE® GT to Boston Scientific Fathom shows superior performance across a range of categories.[1,*] From superior lubricity retention afforded by TERUMO Glide Technology™ hydrophilic coating to numerous performance-based design considerations, GLIDEWIRE® GT offers a balance of properties engineered to allow you to master a variety of challenging clinical situations.

** Straight / shapeable versions used for bench testing of all guidewires.*

GLIDEWIRE® GT offers superior lubricity compared to Fathom, resulting in less sliding resistance.



Evaluation Method

For this evaluation, each wire was submerged in water; after one minute, a 40 g load was placed atop the wire. Each wire received 200 strokes measuring 25 mm in length in order to measure sliding resistance.

The durable coating of GLIDEWIRE® GT offers superior lubricity retention compared to Fathom.

Average†	GLIDEWIRE® GT 0.016	Fathom 0.016
f_{ini} (gf)	0.90	1.11
f_{100} (gf)	0.81	2.00
f_{200} (gf)	0.81	2.44
f_{200}/f_{ini}	0.90†	2.20

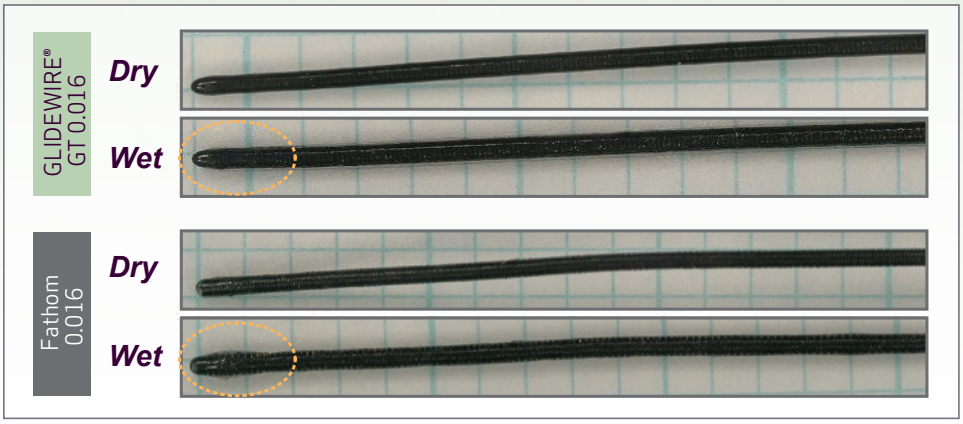
GLIDEWIRE® GT 0.016" (n=10)
Fathom 0.016" (n=5)

†1.0 is optimal

Evaluation Method

This evaluation was a subanalysis of the initial lubricity retention test. Initial sliding resistance was measured at the 5th stroke, and final sliding resistance was measured at the 200th stroke. An average of sliding resistance was calculated based on these data.

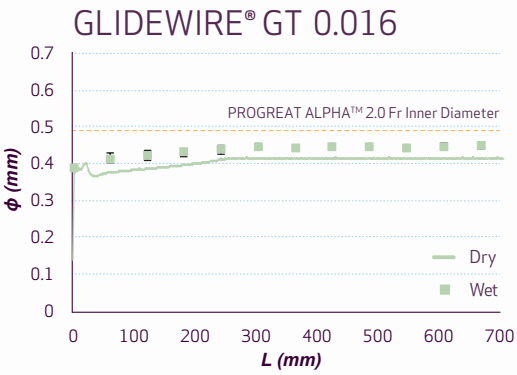
GLIDEWIRE® GT has superior hydrophilic coating uniformity when wet, allowing for more consistent performance compared to Fathom.

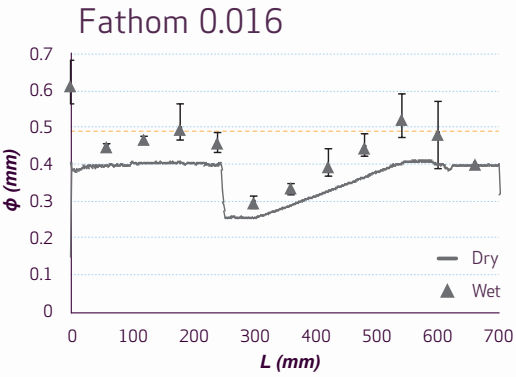


Evaluation Method

For this evaluation, each wire was submerged in water. After a 30-second period, each wire was photographed at high magnification to evaluate hydration properties compared to a native dry state.

GLIDEWIRE® GT has superior dimension shaft profile uniformity compared to Fathom.





GLIDEWIRE® GT 0.016" (n=10) Fathom 0.016" (n=5)

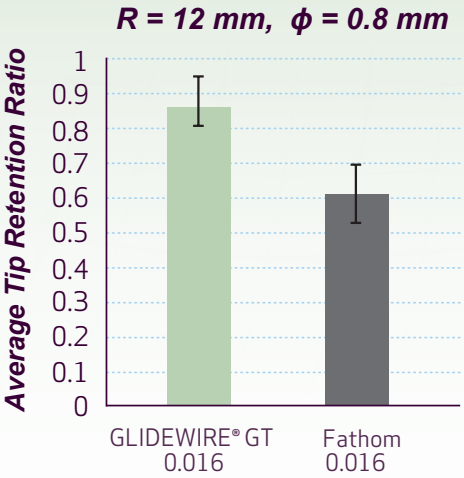
L = distance from distal tip

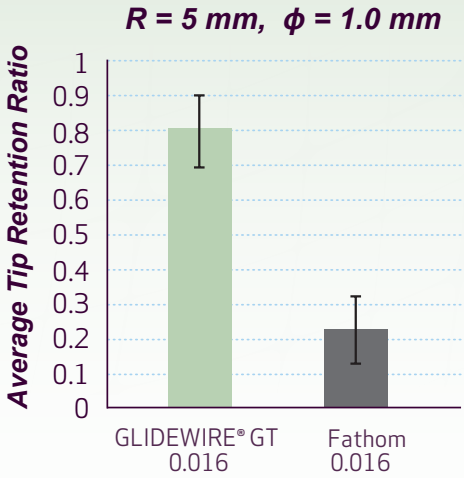
GLIDEWIRE® GT is designed to work effectively with PROGREAT ALPHA™ Peripheral Microcatheter.[1]

Evaluation Method

For this evaluation, each wire was submerged in water. After a 30-second period, a laser device measured the outer diameter (OD) of the hydrated wire to assess profile dynamics versus its dry state. An average OD was reported from these data.

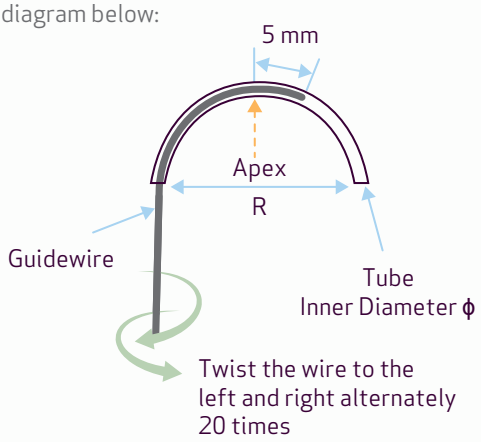
GLIDEWIRE®GT has superior tip retention in smaller diameter vessels compared to Fathom.





Evaluation Method

For this evaluation, each wire tip was initially shaped 90° with a mandrel. The wire was then placed into tubes with either a 5 or 12 mm arc diameter (*R*) and 1.0 mm & 0.8 mm inner diameters (Φ), respectively. A 5 mm segment of each wire was extended past the tube apex. Each wire was then twisted 20 times to the left and right, alternately, as depicted in the diagram below:



GLIDEWIRE® GT 0.016" (n=10) Fathom 0.016" (n=5)

Each wire was then removed to measure tip retention ratio after repeated twisting. An average tip retention ratio was then generated from these data.

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Glidewire® GT

Super-Selective Hydrophilic Coated Guidewire

200 cm Lengths Available

SMALL VESSEL GUIDEWIRES

Packed 1 per box and includes a torque device.

GLIDEWIRE® GT Super-Selective Hydrophilic Coated Guidewire						
PRODUCT CODE	DIAMETER	TOTAL LENGTH	FLEXIBLE TIP TYPE	GRIND LENGTH	RADIOPAQUE LENGTH	TIP SHAPE
RG*GW1618SP	0.016"	180 cm	Standard	25 cm	2 cm	90º/60º Double Angle†
RG*ES1618SP	0.016"	180 cm	Standard	25 cm	2 cm	Straight/Shapeable
RG*GA1818SP	0.018"	180 cm	Standard	25 cm	2 cm	45º Angle
RG*GE1818SP	0.018"	180 cm	Standard	25 cm	2 cm	90º Angle
RG*GW1818SP	0.018"	180 cm	Standard	25 cm	2 cm	90º/60º Double Angle†
RG*ES1818SP	0.018"	180 cm	Standard	25 cm	2 cm	Straight/Shapeable
RG*GW1820SP	0.018"	200 cm	Standard	25 cm	2 cm	90º/60º Double Angle†
RG*ES1820SP	0.018"	200 cm	Standard	25 cm	2 cm	Straight/Shapeable

†Distal/proximal

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Reference: 1. Data on file.

RX ONLY. Refer to the product labels and package insert for complete warnings, precautions, potential complications, and instructions for use.

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