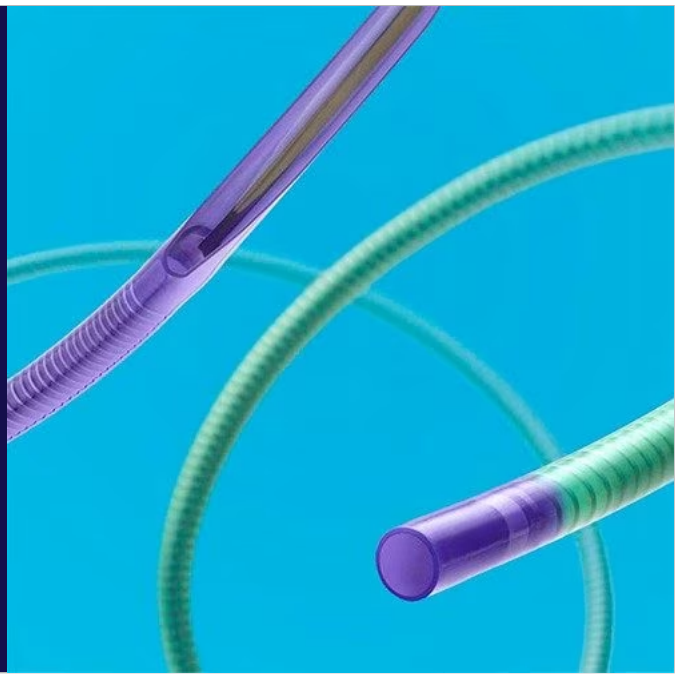
Medtronic

⚠ Indications, Safety and Warnings

HEALTHCARE PROFESSIONALS

Telescope

Guide Extension Catheter



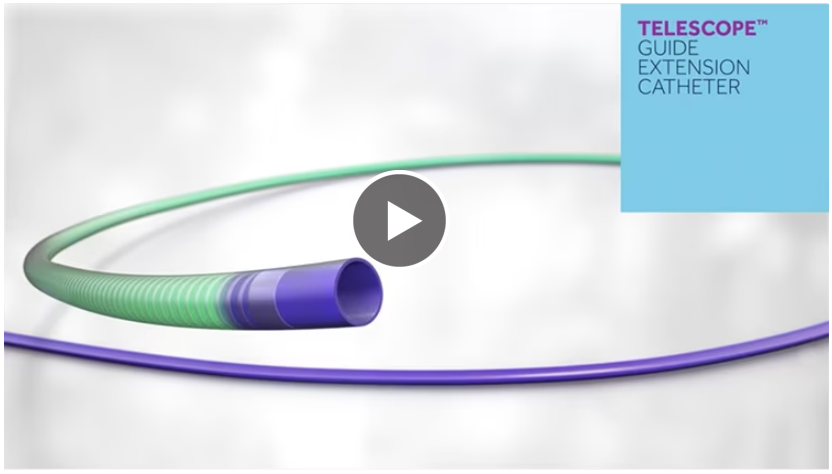
Overview

An extension of you

The Performance You Want For Your Complex Clinical Practice.

In difficult cases, guide extension catheters (GEC) provide extra backup support and improve access to distal lesions.[1]

Telescope™ GEC features bold technology — and our market-leading[2] catheter expertise.



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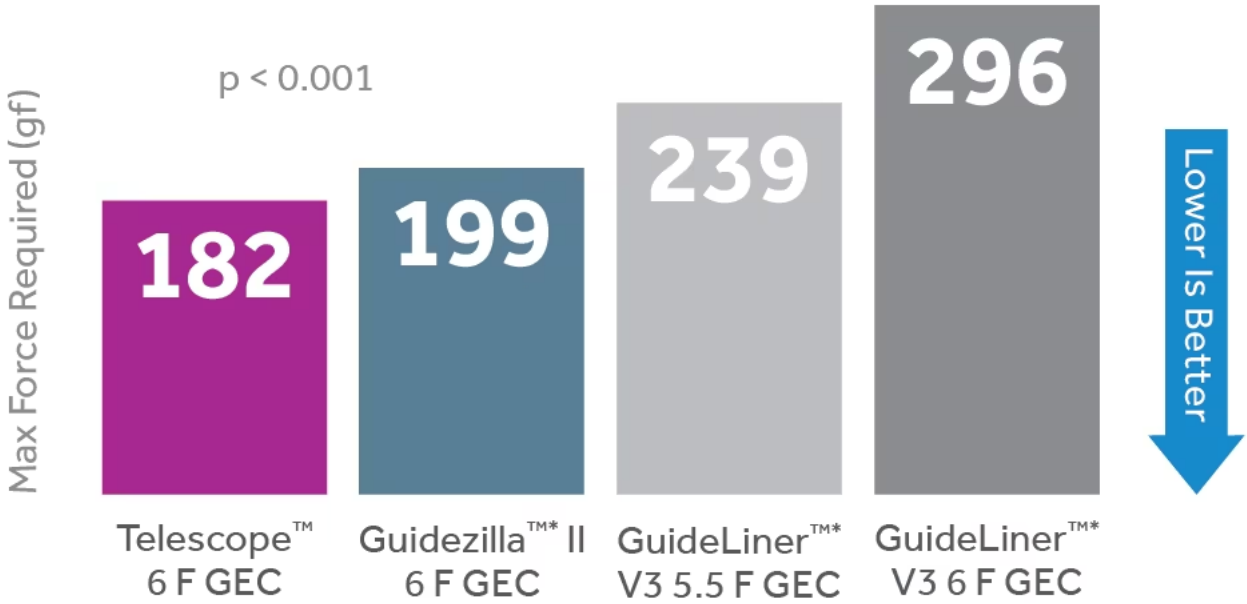
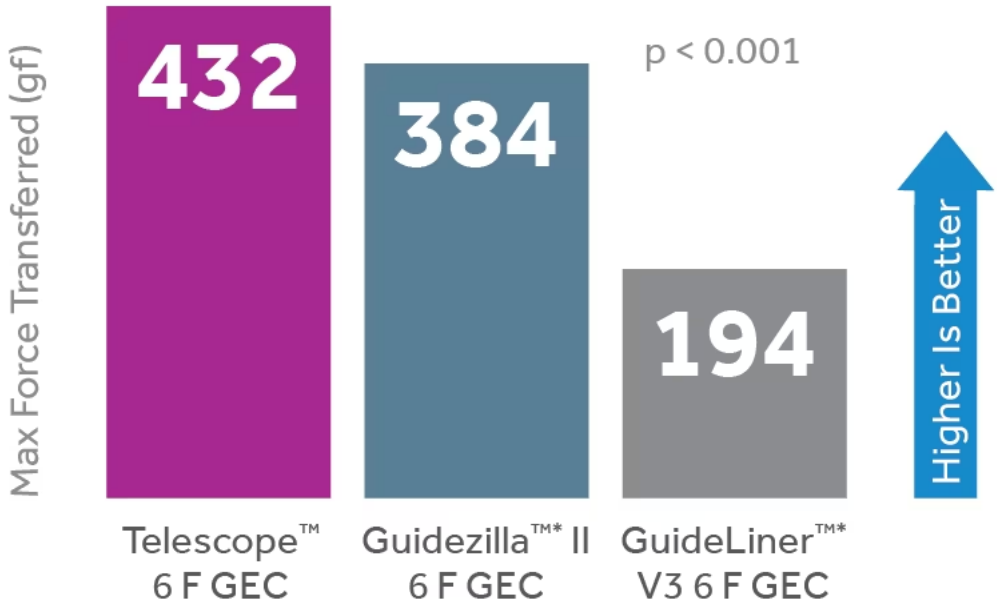
Superior deliverability[3] and pushability[4]

Telescope GEC has superior deliverability[3] to assist in difficult cases.



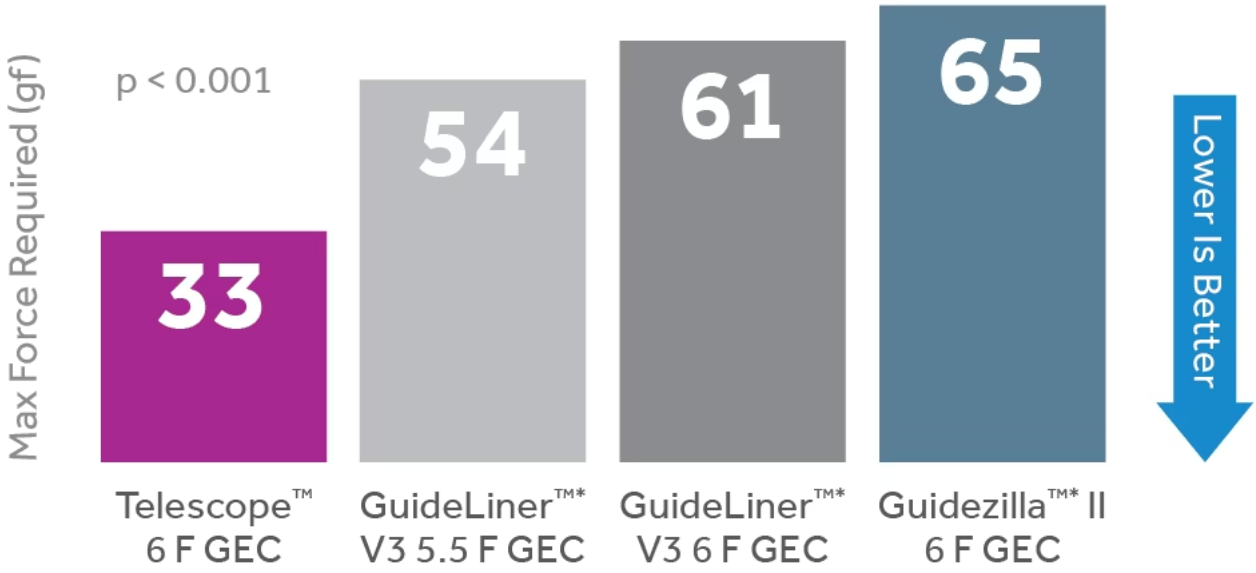
Pushability is a critical component of deliverability.



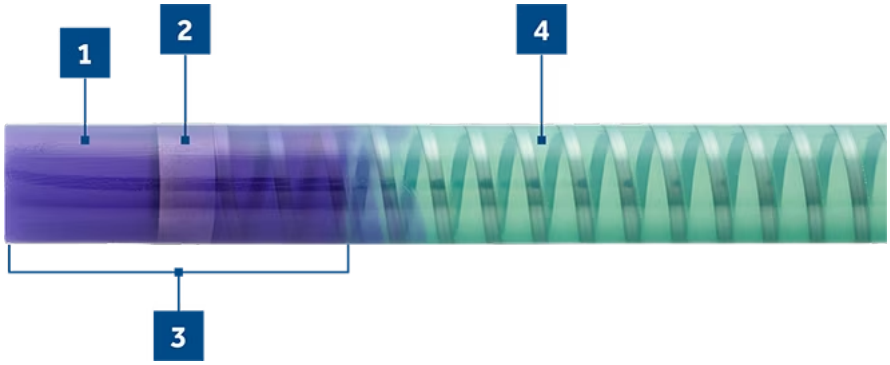
TruFlex™ soft polymer tip

You want a soft, flexible tip with responsiveness when you need it.

Our extruded TruFlex tip required at least 39% less force to deflect.[5]



Tip design

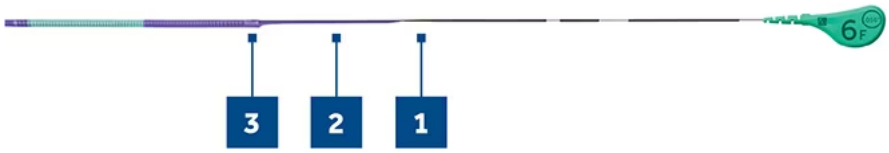


1. 2-mm TruFlex tip
2. 1-mm distal marker band
3. 5-mm distal segment featuring soft polymer
4. Main jacket

Smoothpass technology

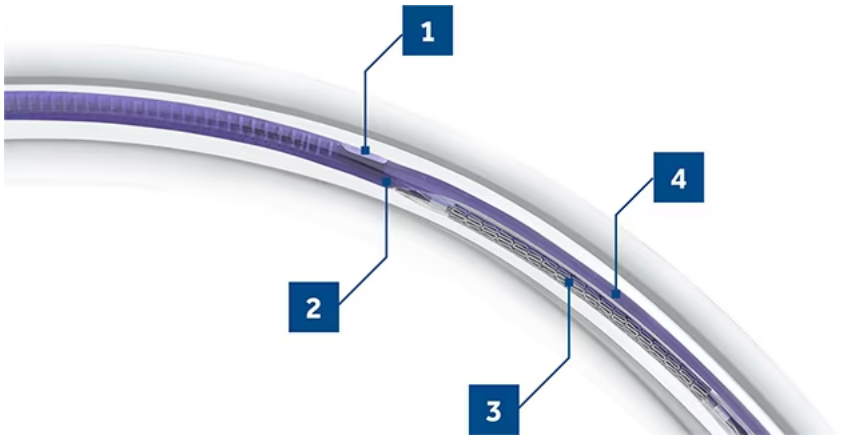
After positioning a GEC, the ability to deliver stents, balloons, and other interventional devices through the catheter is critical.

Telescope GEC with SmoothPass technology includes three components that work together to help channel interventional devices:



1. **Tapered distal pushwire section** — transitions from solid, round, proximal pushwire for flexibility
2. **Short 4 cm polymer on-ramp** — maintains superior deliverability[3] and channels interventional devices
3. **Entry port** — contributes to smooth device entry and delivery

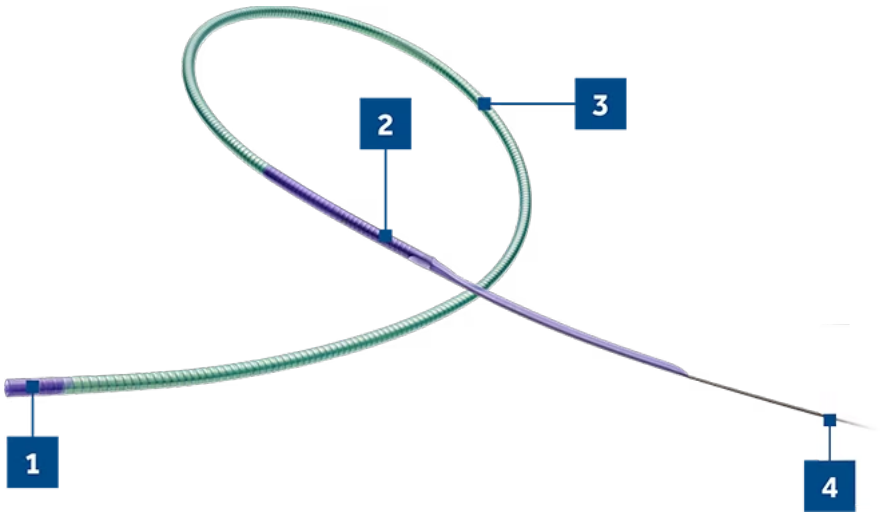
Telescope GEC in glass aortic arch model



1. Spade-shaped marker band confirms orientation of catheter on fluoroscopy
2. Entry port
3. Resolute Onyx™ DES traveling along the on-ramp toward the entry port
4. On-ramp

Distal 25 cm of catheter:

- Coil-reinforced design and hydrophilic coating help improve flexibility and deliverability
- PTFE liner provides a low-friction inner lumen



1. Flexible TruFlex soft polymer tip[5]
2. Rigid polymer in proximal jacket for luminal integrity[6]
3. Flexible polymer in main jacket for deliverability
4. Solid, round pushwire featuring superior pushability[4]

Telescope Brochure (.pdf)
3.4MB

Download the brochure

* ™Third-party brands are trademarks of their respective owners. All other brands are trademarks of a Medtronic company.

† Bench test data from 2019 may not be indicative of clinical performance.

1 Sambu N, Fernandez J, Shah NC, O'Kane P. The GuideLiner®: an interventionist's experience of their first 50 cases: "the mostly good, rarely bad, beware of the ugly!" *Interv. Cardiol.* 2013;5(4):389–404.

2 Based on guide catheter and aspiration catheter market share reports and data on file at Medtronic.

3 Deliverability bench testing: Telescope™ GEC 6 F vs. GuideLiner™* V3 GEC 5.5 F/6 F vs. Guidezilla™* II GEC 6 F. Differences among the means are significant if $p < 0.05$. N = 8 for each GEC tested. 10 test cycles per GEC. Results measure maximum force.

4 Pushability bench testing: Telescope™ GEC 6 F vs. GuideLiner™* V3 GEC 6 F vs. Guidezilla™* II GEC 6 F. Differences among the means are significant if $p < 0.05$. N = 8 for each GEC tested. Results measure maximum force.

5 Soft tip compression bench testing: Telescope™ GEC 6 F vs. GuideLiner™* V3 GEC 5.5 F/6 F vs. Guidezilla™* II GEC 6 F. Differences among the means are significant if $p < 0.05$. N = 8 for each GEC tested. Results measure maximum force.

6 Details on luminal integrity are in the Telescope GEC design freeze document (internal design document).