

📍 Europe

(<https://europe.medtronic.com/xd-en/index.html>)

**PHENOM™**

## Catheter Family

The Phenom™ family is a comprehensive deployment solution that offers a unique progressive design, optimising stability, navigability, and “paint-brushing”, providing patients a treatment with a proximal stability towards distal flexibility. Phenom™ family can be use together to strengthen the system.

SEE ALL ACCESS & DELIVERY DEVICES ([HTTPS://EUROPE.MEDTRONIC.COM/XD-EN/HEALTHCARE-PROFESSIONALS/PRODUCTS/NEUROLOGICAL/ACCESS-DELIVERY-NV.HTML](https://europe.medtronic.com/xd-en/healthcare-professionals/products/neurological/access-delivery-nv.html))

▲ [Indications, Safety, and Warnings \(/xd-en/healthcare-professionals/products/neurological/access-delivery-nv/phenom/indications-safety-warnings.html\)](/xd-en/healthcare-professionals/products/neurological/access-delivery-nv/phenom/indications-safety-warnings.html)

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**Phenom™ 017 microcatheter for coil deployment**

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**Phenom™ 021 microcatheter for stent deployment**

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**Phenom™ 027 microcatheter for flow diverter deployment**

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**Phenom™ PLUS: intracranial catheter**

## PHENOM™ FAMILY: THE ULTIMATE DELIVERY PLATFORM FOR DEVICE DEPLOYMENT

### EXCEPTIONAL DELIVERY AT EVERY TURN

- Dual-braided proximal shaft<sup>1</sup>
- Soft and rounded distal tip to enhance trackability over-the-wire and help with device recapturing<sup>1</sup>
- Elite composite shaft with progressive flexibility<sup>1</sup> provides superior pushability
- Inner lumen engineered to prevent ovalisation and deliver devices with minimal friction<sup>1</sup>

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TM

### Phenom™ 017: THE MICROCATHETER FOR COILING PROCEDURES

Phenom™ 017 microcatheter is designed to provide a stable tip platform, ideal for coils and aneurysm bridging stent deployment. Its construction allows a robust and stable proximal shaft catheter, as well as a flexible distal shaft to track well in torturous anatomy and delivery coils and stents smoothly.

## CHARACTERISTICS

- Low coil delivery force<sup>2</sup>
- Optimal versatility with a large ID and small proximal OD<sup>1</sup>
- 4 different tip shapes: straight, J, 45° and 90° to enhance distal accessibility<sup>1</sup>

## AVAILABLE CFNS

CFN	Proximal Outer Diameter (in)	Distal Outer Diameter (in)	Tip Shape
FG11150-0615-2S	0.029	0.024	Straight
FG11150-0615-2J	0.029	0.024	J Curve
FG11150-0615-2X	0.029	0.024	45 Curve
FG11150-0615-2R	0.029	0.024	90 Curve

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TM

### A MICROCATHETER FOR ACUTE ISCHEMIC STROKE PROCEDURES

Phenom™ 021 microcatheter is available in 160cm length for AIS procedures, thus increasing access for:

- Triaxial set-ups with a distal access catheter
- Torturous anatomy
- Distal occlusions out to M2

## AVAILABLE CFNS

CFN	Proximal Outer Diameter (in)	Distal Outer Diameter (in)	Tip Shape
FG13150-0615-S2	0.034	0.030	Straight
FG13160-0615-1S	0.034	0.030	Straight

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TM

### optimal microcatheter for Pipeline™ deployment

- The lumen of the catheter is strategically engineered to prevent ovalisation and be durable for delivering advanced therapeutic devices with minimal friction<sup>1</sup>
- Rounded distal tip is designed to enhance trackability over-the-wire and help with device recapturing<sup>1</sup>
- The optimised Phenom™ 027 catheter distal shaft designs are flexible yet stable<sup>1</sup>

## AVAILABLE CFNS

CFN	Proximal Outer Diameter (in)	Distal Outer Diameter (in)	Tip Shape
FG15150-0615-1S	0.040	0.036	Straight

<b>FG15150-0630-1S</b>	0.040	0.036	Straight

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TM

## 4F support catheter

- Phenom™ PLUS is a robust catheter which has the most consistent stiffness from tip to tail. It has been designed to aid in ease of accessing various tortuous anatomy in the neurovasculature<sup>1</sup>
- Its coiled distal, coiled and braided mid- and dual-braided composite shaft provides superior pushability<sup>1</sup>
- Its 4.2F Distal OD allows for a low profile and highly trackable support system<sup>1</sup>

**FOR ALL ANEURYSM TREATMENT, USE PHENOM™ PLUS WITH OTHER PHENOM™ MICROCATHERETERS TO IMPROVE THE REINFORCEMENT THROUGHOUT THE SYSTEM:**

- Phenom™ 017 for coils (Axium™) and stent (Solitaire™ AB) deployment
- Phenom™ 027 for flow diversion (Pipeline™) deployment

**FOR ALL AVM/AVFS TREATMENT, USE IT IN COMBINATION WITH:**

- Marathon™/Apollo™ for liquid embolics system (Onyx™) delivery

## CHARACTERISTICS

- Pushability and track force optimised even in tortuous anatomy
- Control paint-brushing even in distal lesions and resheathability
- Navigability and smooth transition from proximal robust to distal flexibility

## AVAILABLE CFNS

CFN	Proximal Outer Diameter (in)	Distal Outer Diameter (in)	Tip Shape
FG19105-0630-1S	0.061	0.055	Straight
FG19120-1030-1S	0.061	0.055	Straight

## INDICATIONS

Phenom™ catheters are intended for the introduction of interventional devices and infusion of diagnostic or therapeutic agents into the neuro, peripheral, and coronary vasculatures.

## IFU

View full instructions for use.

Phenom Family IFU (pdf) (**opens new window**) ([/content/dam/medtronic-com/xd-en/c/od08014-nv-access-delivery/pdfs/Phenom\\_IFU.pdf](/content/dam/medtronic-com/xd-en/c/od08014-nv-access-delivery/pdfs/Phenom_IFU.pdf))

## RELATED PAGES

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- [Aneurysm Treatment Products \(/xd-en/healthcare-professionals/products/neurological/aneurysm-treatment.html\)](/xd-en/healthcare-professionals/products/neurological/aneurysm-treatment.html)
- [Arteriovenous Malformations Embolisation Products \(/xd-en/healthcare-professionals/products/neurological/avm-embolization.html\)](/xd-en/healthcare-professionals/products/neurological/avm-embolization.html)
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## ANY QUESTIONS?

Do you need support for procedures? Or information on our products and solutions?

Our team is happy to help answer any questions you may have.

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1

Cathera Document ML-0001.A

2

ENR-0029.A comparison of an Axiom™ 3D coil 20x50, delivered by a Phenom™ 017, vs Excelsior™ SL-10, vs Excelsior™ XT-17



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