



Make smooth work of challenging anatomy

...with support at every turn

15-90 cm lengths

**CATAPULT**<sup>TM</sup>

**Guide Sheath** 



# Make smooth work of challenging anatomy

Designed to balance the competing priorities of support and atraumatic passage, the Catapult<sup>™</sup> Guide Sheath expands your ability to achieve access and successfully deliver supporting therapies through any anatomy.



Atraumatic tip with smooth transitions from sheath-dilator to dilator-wire



Kink- and crush-resistant shaft for excellent pushability



Broad matrix of tip configurations, French sizes and lengths







### Maximise efficiency

with a balanced design





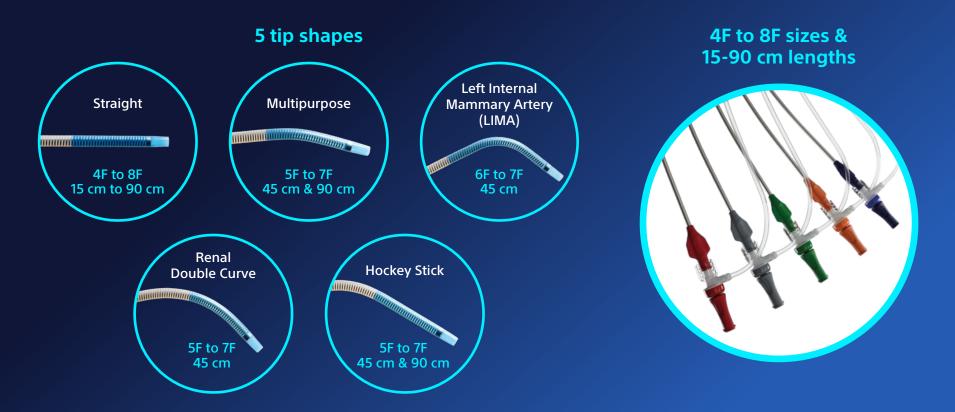
Make smooth work of challenging anatomy ...with support at every turn



#### Treat tortuous anatomy easily

with a wide choice of configurations

Tortuous anatomy poses unique challenges. The Catapult Guide Sheath provides the lengths, sizes, control and performance to allow easier device passage in tight spaces, so you can be confident in providing the highest quality of care.







## **Catapult**<sup>™</sup> **Guide Sheath**

UPN codes & product descriptions

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#### Available tip shapes

**ST:** Straight

**MP:** Multipurpose

**LIMA:** Left Internal Mammary Artery

> RDC: Renal Double Curve

**HS:** Hockey Stick

UPN code (5 pack)	Product description	Tip shape	Catheter length	French size
EU-34015-F-ST-H	Catapult 4F 15cm Straight	Straight	15cm	4F
EU-34045-F-ST-H	Catapult 4F 45cm Straight	Straight	45cm	4F
EU-34060-F-ST-H	Catapult 4F 60cm Straight	Straight	60cm	4F
EU-34090-F-ST-H	Catapult 4F 90cm Straight	Straight	90cm	4F
EU-35015-F-ST-H	Catapult 5F 15cm Straight	Straight	15cm	5F
EU-35045-F-MP-H	Catapult 5F 45cm Multipurpose	Multipurpose	45cm	5F
EU-35045-F-RDC-H	Catapult 5F 45cm Renal Double Curve	RDC	45cm	5F
EU-35045-F-HS-H	Catapult 5F 45cm Hockey Stick	Hockey Stick	45cm	5F
EU-35045-F-ST-H	Catapult 5F 45cm Straight	Straight	45cm	5F
EU-35060-F-ST-H	Catapult 5F 60cm Straight	Straight	60cm	5F
EU-35090-F-ST-H	Catapult 5F 90cm Straight	Straight	90cm	5F
EU-36015-F-ST-H	Catapult 6F 15cm Straight	Straight	15cm	6F
EU-36045-F-ST-H	Catapult 6F 45cm Straight	Straight	45cm	6F
EU-36045-F-MP-H	Catapult 6F 45cm Multipurpose	Multipurpose	45cm	6F
EU-36045-F-LIMA-H	Catapult 6F 45cm LIMA	LIMA	45cm	6F
EU-36045-F-RDC-H	Catapult 6F 45cm Renal Double Curve	RDC	45cm	6F
EU-36045-F-HS-H	Catapult 6F 45cm Hockey Stick	<b>Hockey Stick</b>	45cm	6F
EU-36060-F-ST-H	Catapult 6F 60cm Straight	Straight	60cm	6F
EU-36090-F-ST-H	Catapult 6F 90cm Straight	Straight	90cm	6F
EU-36090-F-MP-H	Catapult 6F 90cm Multipurpose	Multipurpose	90cm	6F
EU-36090-F-RDC-H	Catapult 6F 90cm Renal Double Curve	RDC	90cm	6F
EU-36090-F-HS-H	Catapult 6F 90cm Hockey Stick	Hockey Stick	90cm	6F



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UPN codes & product descriptions

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UPN code (5 pack)	Product description	Tip shape	Catheter length	French size
EU-37015-F-ST-H	Catapult 7F 15cm Straight	Straight	15cm	7F
EU-37045-F-ST-H	Catapult 7F 45cm Straight	Straight	45cm	7F
EU-37045-F-MP-H	Catapult 7F 45cm Multipurpose	Multipurpose	45cm	7F
EU-37045-F-LIMA-H	Catapult 7F 45cm LIMA	LIMA	45cm	7F
EU-37045-F-RDC-H	Catapult 7F 45cm Renal Double Curve	RDC	45cm	7F
EU-37045-F-HS-H	Catapult 7F 45cm Hockey Stick	Hockey Stick	45cm	7F
EU-37060-F-ST-H	Catapult 7F 60cm Straight	Straight	60cm	7F
EU-37090-F-ST-H	Catapult 7F 90cm Straight	Straight	90cm	7F
EU-37090-F-MP-H	Catapult 7F 90cm Multipurpose	Multipurpose	90cm	7F
EU-37090-F-HS-H	Catapult 7F 90cm Hockey Stick	Hockey Stick	90cm	7F
EU-38015-F-ST-H	Catapult 8F 15cm Straight	Straight	15cm	8F
EU-38045-F-ST-H	Catapult 8F 45cm Straight	Straight	45cm	8F
EU-38060-F-ST-H	Catapult 8F 60cm Straight	Straight	60cm	8F
EU-38090-F-ST-H	Catapult 8F 90cm Straight	Straight	90cm	8F



Advancing science for life<sup>™</sup>

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# Atraumatic tip for smooth, easy insertion with low-profile transitions from dilator to sheath

When a sheath system bends at the distal end during insertion, a gap may adversely affect the procedure, but Catapult's design reduces this gap to minimise the risk of trauma to the vessel.

In testing with the so-called "fish-mouth" test, introducers were bent over an arch. Catapult had a dilator-to-sheath gap of **only 0.14 mm** while Destination™ had a gap of **0.51 mm**.

Flexor Ansel	Catapult	Pinnacle Destination
<b>0.31 mm</b> gap	<b>0.14 mm</b> gap	<b>0.51 mm</b> gap

