

iCast

covered stent system

Technical Specifications

Stent Specifications

Stent Material	316L stainless steel
Stent Design	Single stent with open cell design
Stent Covering	Fully encapsulated in ePTFE

Balloon Catheter Specifications

Delivery System	Premounted on balloon catheter
Balloon Type	Non-compliant
Balloon Material	PET
Balloon Nominal Pressure	8 ATM
Rated Burst Pressure	12 ATM
Markers	Gold

Size & Dimensions

Stent Diameters	5 mm-10 mm (see table below)
Stent Lengths	16 mm, 22 mm, 38 mm and 59 mm
Guidewire	.035"
Catheter Shaft Length	80 and 120 cm
Introducer Sheath	6 Fr and 7 Fr

Other

Shelf Life	3 years
Sterilization Method	Ethylene oxide
Use	Single use only
Indications for Use	For improving luminal diameter in patients with symptomatic atherosclerotic disease of the native common and/or external iliac arteries up to 110 mm in length, with a reference vessel diameter of 5 to 10 mm.

Max. Recommended Post-Dilation (mm)

Labeled Diameter (mm)	Device Length			
	16 mm	22 mm	38 mm	59 mm
5	7.3	7.3	9.8	9.8
6	7.3	7.3	10.0	10.0
7	7.3	7.3	10.1	10.1
8	-	-	10.2	10.2
9	-	-	10.4	10.4
10	-	-	10.6	-

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Balloon Outer Diameter (OD)

Pressure	5 mm	6 mm	7 mm	8 mm	9 mm	10 mm
Nominal ATM	5.1	6.1	7.1	8.2	9.1	10.2
Rated Burst ATM	5.3	6.3	7.3	8.5	9.4	10.5

iCast Stent Size	Cook GPN 80 cm	Cook RPN/ Getinge Iliac Code 80 cm	Cook GPN 120 cm	Cook RPN/ Getinge Iliac Code 120 cm	Post Nominal Pressure 8ATM (mm)		Post Rated Burst Pressure 12ATM (mm)		Introducer Compatibility ¹
					OD	Length	OD	Length	
5 x 16 mm	G60480	48516	G60497	42516	4.9	15.9	5.2	15.6	6 Fr
5 x 22 mm	G60481	48522	G60498	42522	4.9	21.3	5.2	21.0	6 Fr
5 x 38 mm	G60482	48538	G60499	42538	5.1	37.2	5.3	37.7	7 Fr
5 x 59 mm	G60483	48559	G60500	42559	5.0	58.6	5.3	60.0	7 Fr
6 x 16 mm	G60484	48616	G60501	42616	5.7	15.7	6.2	15.1	6 Fr
6 x 22 mm	G60485	48622	G60502	42622	5.8	20.8	6.2	20.2	6 Fr
6 x 38 mm	G60486	48638	G60503	42638	6.0	36.6	6.3	37.0	7 Fr
6 x 59 mm	G60487	48659	G60504	42659	6.0	57.8	6.3	58.7	7 Fr
7 x 16 mm	G60488	48716	G60505	42716	6.9	15.0	7.3	14.2	7 Fr
7 x 22 mm	G60489	48722	G60506	42722	6.9	20.1	7.3	19.4	7 Fr
7 x 38 mm	G60490	48738	G60507	42738	6.9	35.8	7.3	35.7	7 Fr
7 x 59 mm	G60491	48759	G60508	42759	7.0	57.1	7.3	57.5	7 Fr
8 x 38 mm	G60492	48838	G60509	42838	8.1	34.7	8.5	34.7	7 Fr
8 x 59 mm	G60493	48859	G60510	42859	8.0	56.0	8.4	56.5	7 Fr
9 x 38 mm	G60494	48938	G60511	42938	8.9	33.7	9.3	32.7	7 Fr
9 x 59 mm	G60495	48959	G60512	42959	8.9	54.6	9.3	54.0	7 Fr
10 x 38 mm	G60496	48038	G60513	42038	10.0	30.8	10.4	30.9	7 Fr

The iCast covered stent system is manufactured by Atrium Medical Corporation / 40 Continental Blvd., Merrimack, NH 03054 USA / Tel. 1 (603) 880-1433 • Protected by the following international and/or U.S. patent(s): <http://patents.getinge.com>. ⚠ CAUTION: Federal Law (U.S.A.) restricts this device to sale by or on the order of a physician. • Getinge and **GETINGE** * are trademarks or registered trademarks of Getinge AB, its subsidiaries or affiliates in the United States or other countries. • Copyright 2023 Atrium Medical Corporation. • All rights reserved. • Refer to Instructions for Use for current indications, warnings, contraindications, and precautions. • Printed in U.S.A. 05/2024. PN010959 Rev AC. Getinge • www.getinge.com

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¹Note: Increased resistance may be encountered when inserting a 10mm device through a 7 Fr Cook sheath; therefore, it is recommended to upsize to an 8 Fr sheath when a Cook sheath is used with a 10mm device.

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