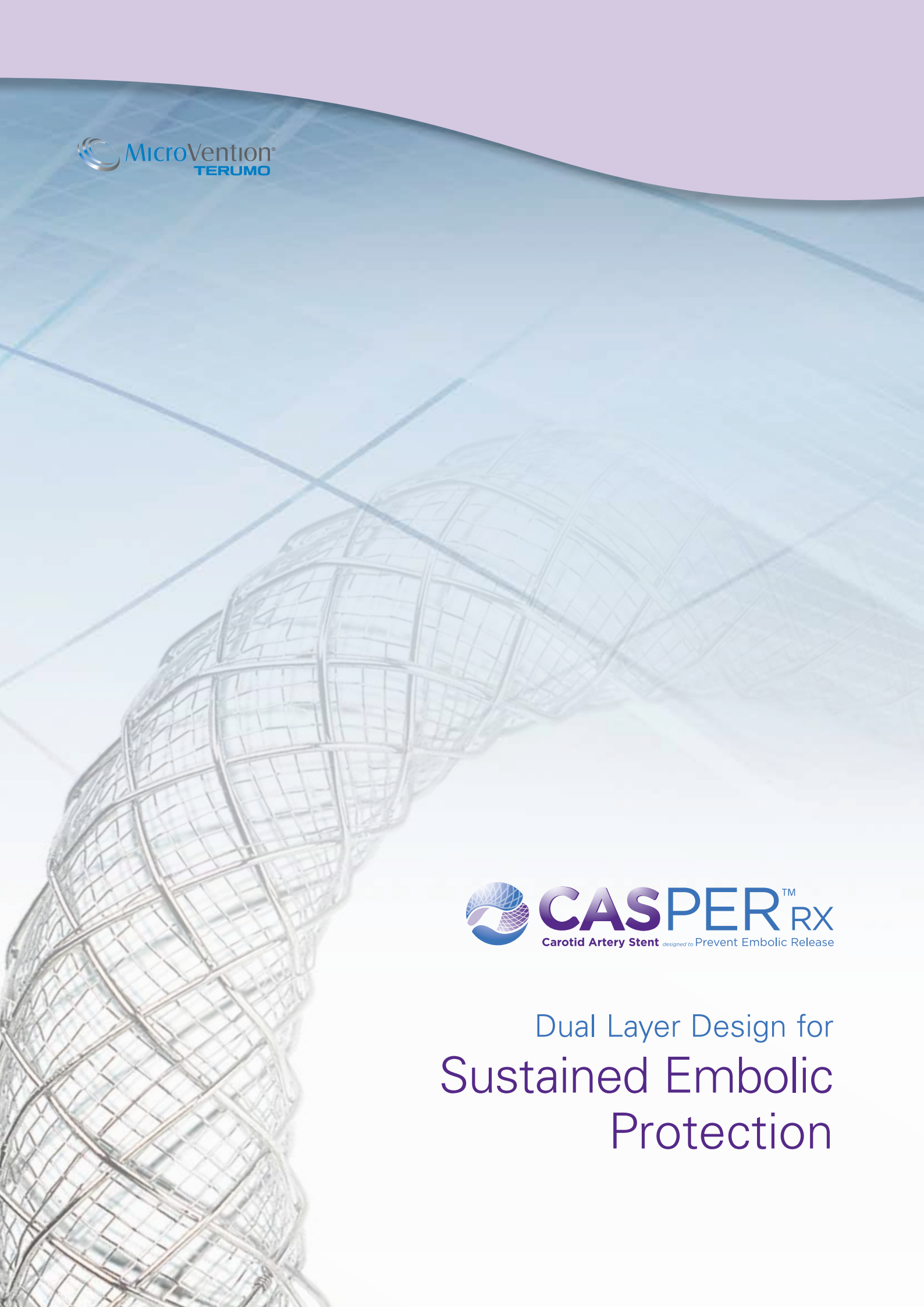
MicroVention
TERUMO



CASPER™ RX
Carotid Artery Stent designed to Prevent Embolic Release

Dual Layer Design for

Sustained Embolic Protection

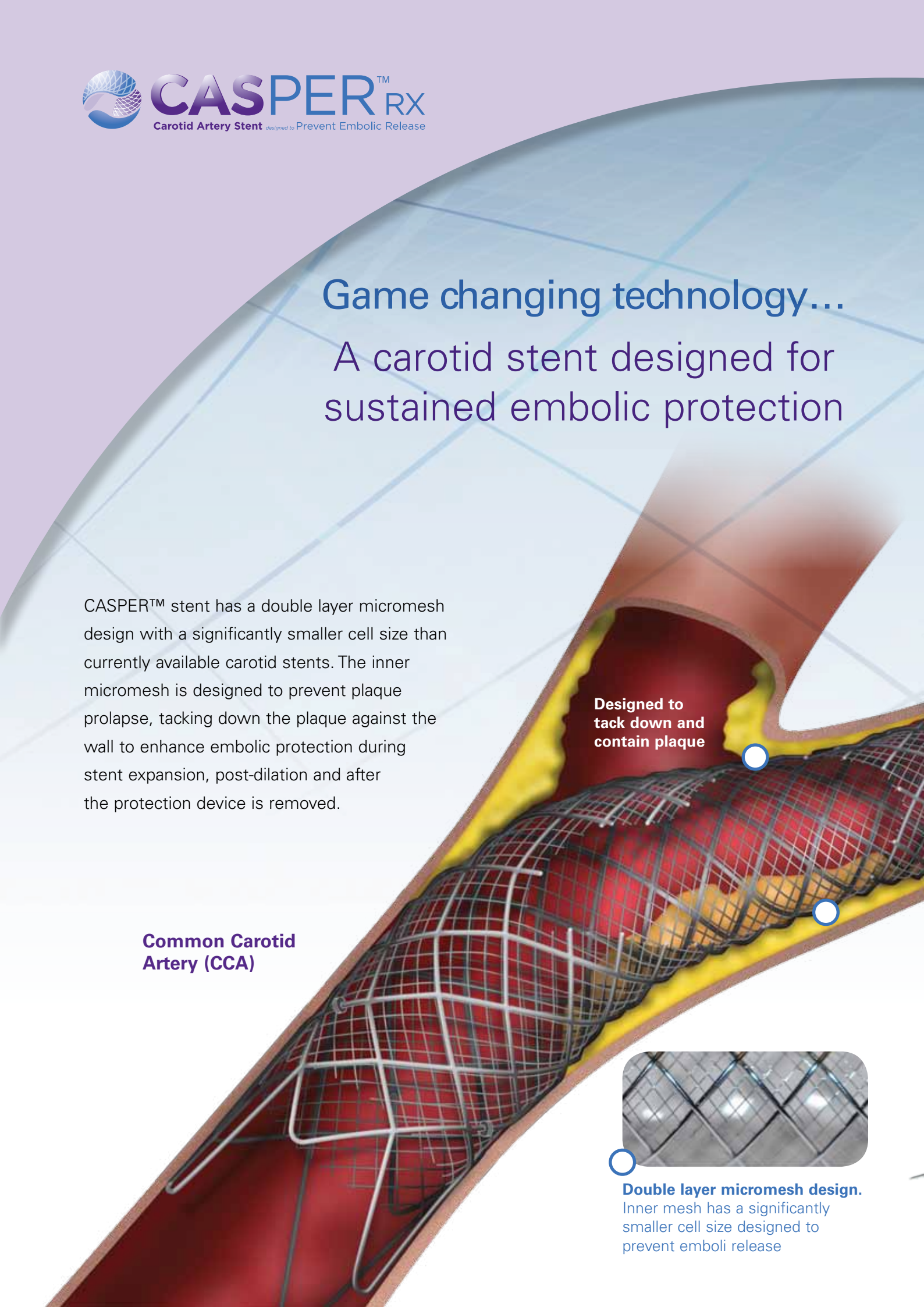
CASPER™ RX

Carotid Artery Stent designed to Prevent Embolic Release

Game changing technology…

A carotid stent designed for sustained embolic protection

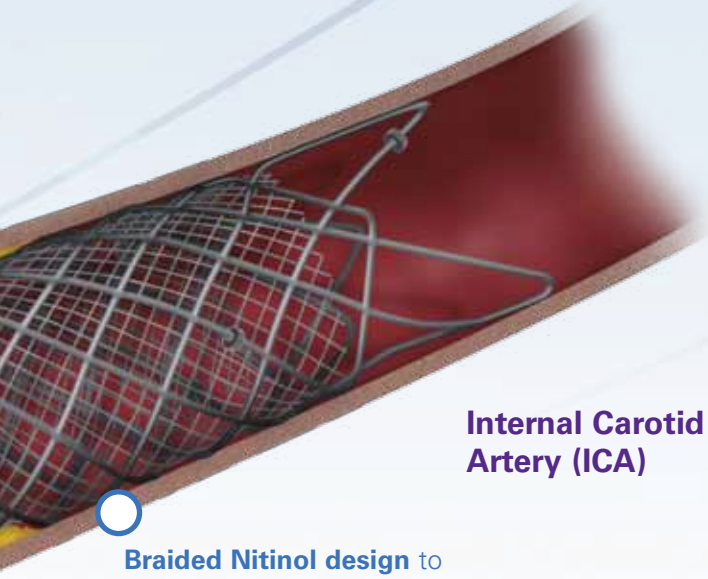
CASPER™ stent has a double layer micromesh design with a significantly smaller cell size than currently available carotid stents. The inner micromesh is designed to prevent plaque prolapse, tacking down the plaque against the wall to enhance embolic protection during stent expansion, post-dilation and after the protection device is removed.



Double layer micromesh design. Inner mesh has a significantly smaller cell size designed to prevent emboli release

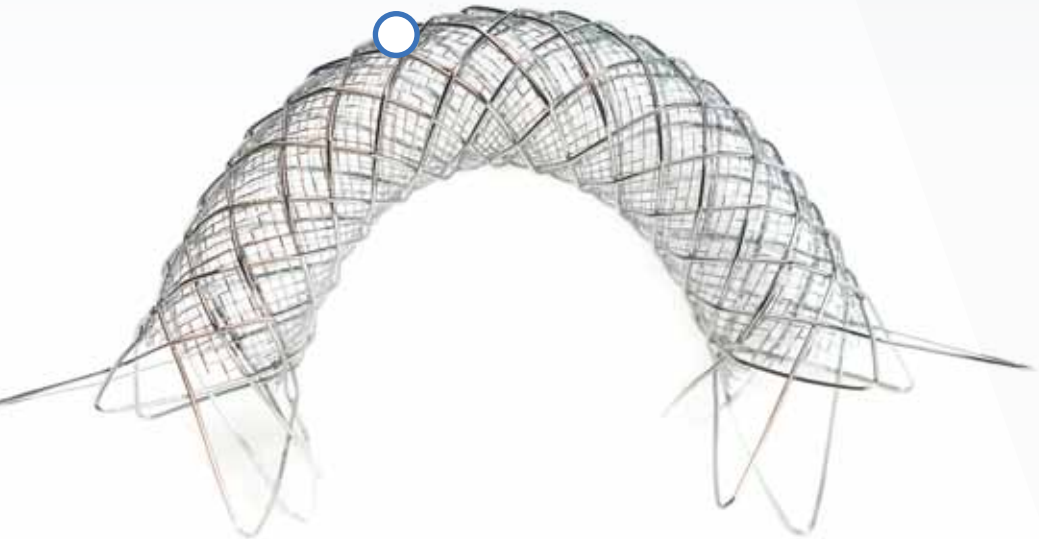
Closed cell stent with wall apposition and conformability like an open cell design

- CASPER™ stent is a braided Nitinol stent that conforms to tortuous anatomy
- Provides excellent wall apposition to diseased carotid artery
- In-Vivo Tapering braided Nitinol design conforms to tapered ICA-CCA segments



Internal Carotid Artery (ICA)

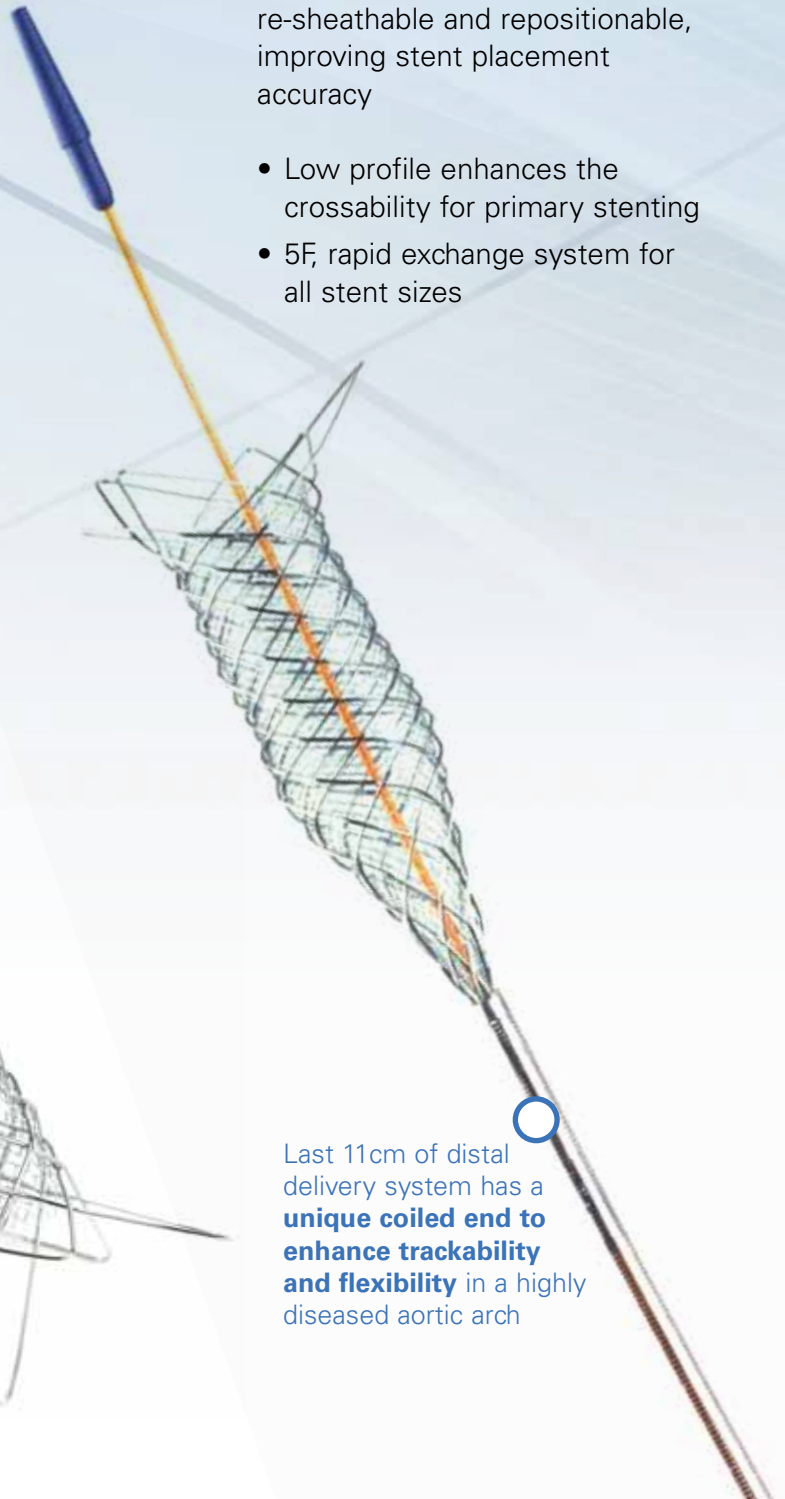
Braided Nitinol design to conform to carotid anatomy and minimize kinking



5F low-profile, repositionable delivery system

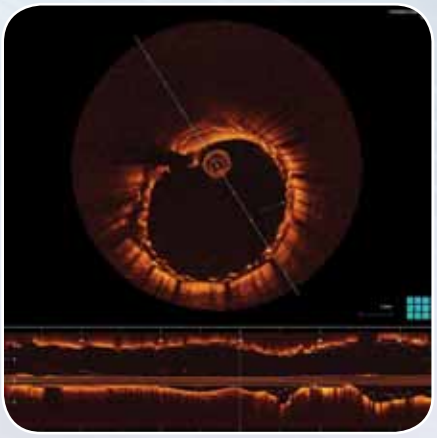
Up to 50% deployment is re-sheathable and repositionable, improving stent placement accuracy

- Low profile enhances the crossability for primary stenting
- 5F, rapid exchange system for all stent sizes

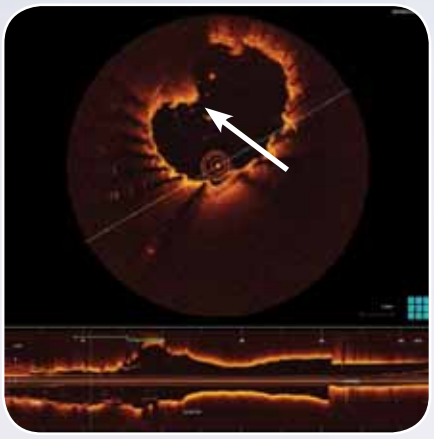


Last 11cm of distal delivery system has a **unique coiled end to enhance trackability and flexibility** in a highly diseased aortic arch

Case Study
OCT Images



CASPER™ stent - no plaque prolapse

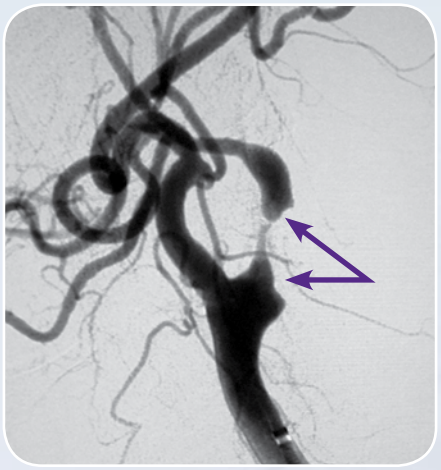


Laser cut closed cell stent - evident plaque prolapse at 10 o'clock position

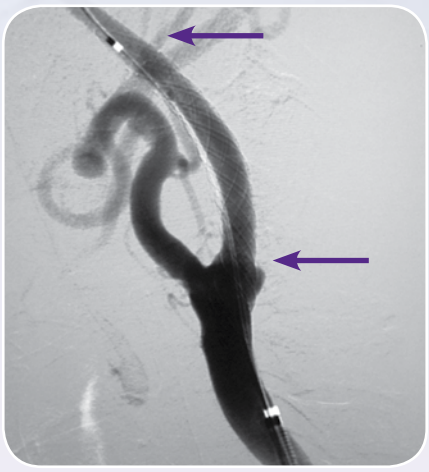
OCT - Optical Coherence Tomography

Images courtesy of Dr. Max Amor, Polyclinic Louis Pasteur, Nancy, France

Case Study



CAS Case / Before CASPER™ stent implanted - Total Occluded ICA



CASPER™ stent implanted - Demonstrates excellent stent radial force and recoil prevention

Images courtesy of Dr. Max Amor, Polyclinic Louis Pasteur, Nancy, France

CASPER™ RX
Carotid Artery Stent designed to Prevent Embolic Release

Ordering Information

CASPER™ RX Carotid Artery Stent

Carotid **A**rtery **S**tent designed to **P**revent **E**mbolic **R**elease

1 per box

Product Code	Unconstrained Dimensions			Implanted Dimensions			
				1mm < Unconstrained Diameter		2mm < Unconstrained Diameter	
	Diameter (mm)	Dual Layer Length (mm)	Overall Length (mm)	Dual Layer Length (mm)	Overall Length (mm)	Dual Layer Length (mm)	Overall Length (mm)
CPR-0520-143RX	**5**	**20**	**25**	20	33	22	35
CPR-0530-143RX	**5**	**30**	**37**	35	47	38	52
CPR-0540-143RX	**5**	**40**	**47**	45	59	52	64
CPR-0616-143RX	**6**	**16**	**22**	20	32	23	35
CPR-0625-143RX	**6**	**25**	**33**	30	44	33	48
CPR-0630-143RX	**6**	**30**	**40**	40	53	43	58
CPR-0718-143RX	**7**	**18**	**25**	23	35	26	38
CPR-0725-143RX	**7**	**25**	**35**	30	47	36	52
CPR-0730-143RX	**7**	**30**	**40**	40	53	44	60
CPR-0820-143RX	**8**	**20**	**25**	25	36	27	40
CPR-0825-143RX	**8**	**25**	**35**	30	49	38	54
CPR-0830-143RX	**8**	**30**	**40**	40	55	45	61
CPR-0840-143RX	**8**	**40**	**47**	50	67	60	75
CPR-0920-143RX	**9**	**20**	**33**	30	45	33	48
CPR-0930-143RX	**9**	**30**	**40**	40	55	45	60
CPR-1020-143RX	**10**	**20**	**35**	30	45	35	50
CPR-1030-143RX	**10**	**30**	**43**	40	55	45	60

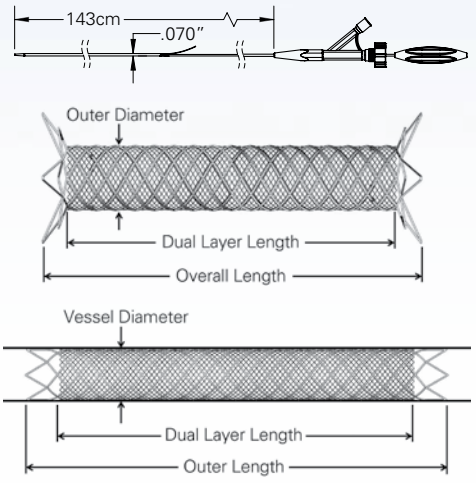
Technical Specifications

Stent Platform

- Construction: double layer, braided mesh
- Material: Nitinol

Stent Delivery System

- Guidewire compatibility: 0.014" (0.36mm)
- Introducer sheath compatibility: 5.0F (I.D. > 0.074")
- Delivery system construction: rapid exchange, RX segment length 30cm
- Usable catheter length: 143cm



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