

## **CARESTO® heal** Stent

- » First coated carotid stent – with unique HEAL Technology
  - » Highly flexible, single layer closed-cell stent
  - » Small pore size with high plaque coverage (up to 40 %)
  - » Flexible low profile delivery system (0.068" OD)
-

# CARESTO® heal Stent

## Specialised for the treatment of vulnerable plaque

The CARESTO® heal Stent is designed to provide the best clinical outcome for the carotid anatomy, especially for vulnerable plaque rich lesions.



An entirely new approach for rapid healing of vascular lesions after device implantation.

**Antithrombogenic\* | Anti-inflammatory | Endothelialisation-promoting**

\*The antithrombogenic properties were demonstrated in non-clinical tests

## Treatment with CARESTO® heal Stent<sup>1</sup>



Thick soft plaque on CTA



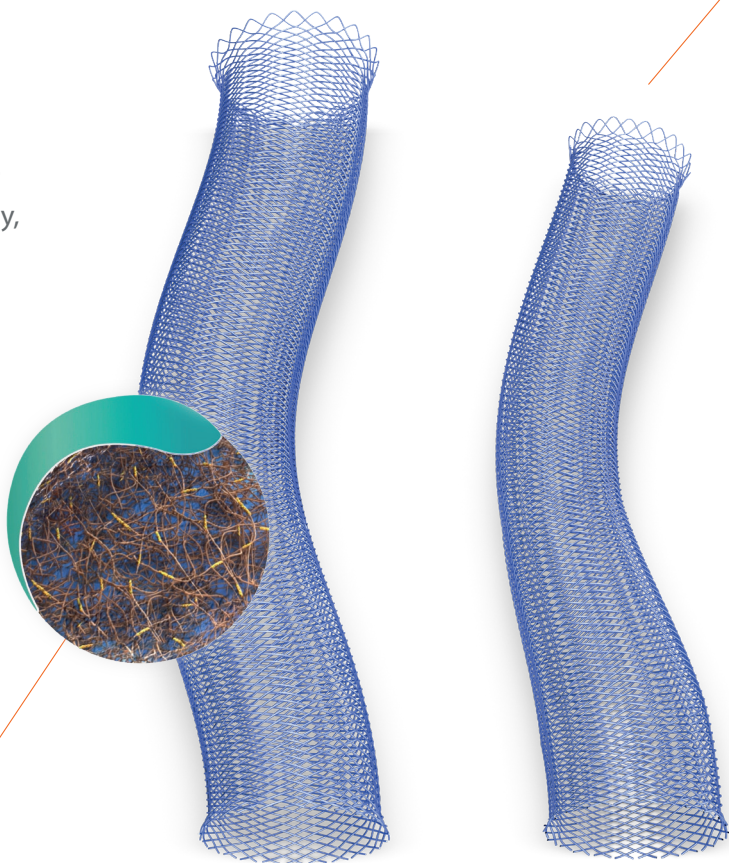
Deployment of CARESTO® heal Stent



Placed CARESTO® heal Stent

1 Images are courtesy of Dr. Hannes Nordmeyer, radprax MVZ GmbH Solingen, Germany  
2 Images are courtesy of Dr. Fritz Wodarg, Universitätsklinikum Schleswig-Holstein, Campus Kiel, Germany

Different Device configurations ensuring optimal performance for varying vessel diameters from distal to proximal.



## Excellent Flexibility

With its outstanding flexibility, the single layer carotid stent maintains the natural form of the vessel and ensures a complete vessel wall apposition.

The CARESTO® heal Stent is repositionable up to 96 % of its length.

## High Plaque Coverage

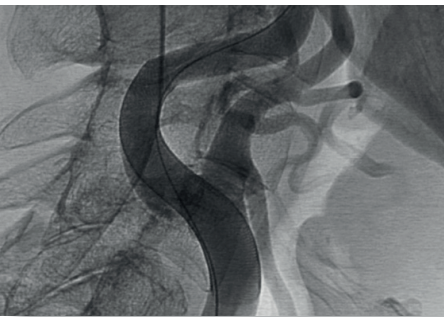
The CARESTO® heal Stent is developed for the treatment of vulnerable plaque rich lesions.

Its tight braided mesh minimises plaque protrusion by covering up to 40 % of the lesion while having less metal surface compared to dual layer stents.

## Easy and Smooth

Deliverable through flexible low profile over-the-wire catheter (0.068" OD) allowing easy navigation in tortuous anatomies and radial access.

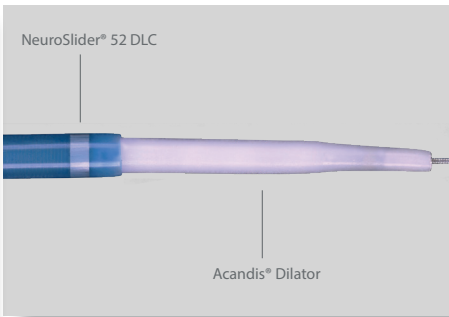
In combination with Acandis® Dilator atraumatic passage of the plaque is ensured by the soft conical dilator tip.



Perfect vessel wall apposition<sup>2</sup>



Tight braided mesh



Atraumatic delivery system

## Radiopaque Marker Concept

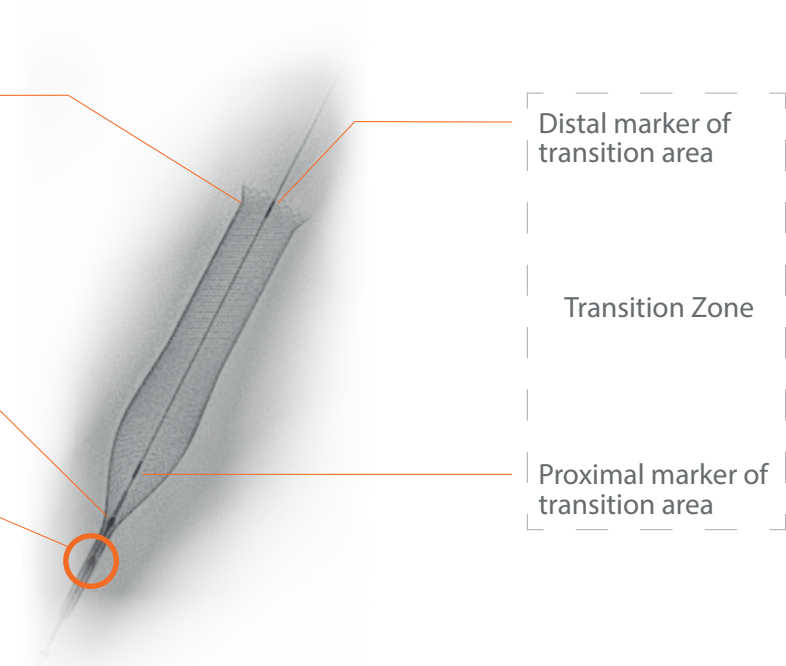
### Radiopaque nitinol composite wires

for perfect visualisation of the entire contour and shape of the device

### Distal transport wire marker

### Middle transport wire marker

indicating the "point of no return" up to which the stent can be repositioned securely



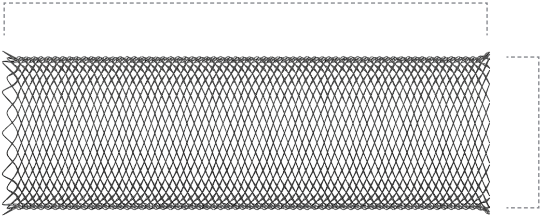


ORDERING INFORMATION | CARESTO® heal

Labelled CARESTO® heal Dimensions (mm)	Reference Number	Unconstrained Device Diameter (mm)	Unconstrained Device Length (mm)	Recommended Vessel Diameter (mm)	Required/ Recommended Catheters for Delivery
6.0 × 30	01-005301	6.3	23	4.0 – 6.0	NeuroSlider® 52 DLC NeuroSlider® 52 DLC pro (ID: 0.052")
6.0 × 40	01-005302	6.3	30	4.0 – 6.0	
6.0 × 50	01-005303	6.3	37	4.0 – 6.0	
8.0 × 30	01-005311	8.3	24	6.0 – 8.0	
8.0 × 40	01-005312	8.3	32	6.0 – 8.0	
8.0 × 50	01-005313	8.3	40	6.0 – 8.0	
8.0 × 60	01-005314	8.3	47	6.0 – 8.0	
10.0 × 30	01-005321	10.3	25	8.0 – 10.0	
10.0 × 40	01-005322	10.3	33	8.0 – 10.0	
10.0 × 50	01-005323	10.3	41	8.0 – 10.0	
10.0 × 60	01-005324	10.3	49	8.0 – 10.0	

Cylindrical Devices

Unconstrained Device Length

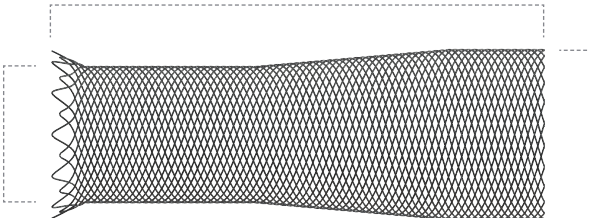


Unconstrained Device Diameter

Labelled CARESTO® heal Dimensions (mm)	Reference Number	Unconstrained Device Diameter dist. / prox. (mm)	Unconstrained Device Length (mm)	Recommended Vessel Diameter dist. / prox. (mm)	Required/ Recommended Catheters for Delivery
6.0 / 8.0 × 29	01-005351	6.3 / 8.3	29	4.0 – 6.0 / 6.0 – 8.0	NeuroSlider® 52 DLC NeuroSlider® 52 DLC pro (ID: 0.052")
6.0 / 8.0 × 35	01-005352	6.3 / 8.3	35	4.0 – 6.0 / 6.0 – 8.0	
6.0 / 8.0 × 41	01-005353	6.3 / 8.3	41	4.0 – 6.0 / 6.0 – 8.0	
8.0 / 10.0 × 29	01-005361	8.3 / 10.3	29	6.0 – 8.0 / 8.0 – 10.0	
8.0 / 10.0 × 36	01-005362	8.3 / 10.3	36	6.0 – 8.0 / 8.0 – 10.0	
8.0 / 10.0 × 43	01-005363	8.3 / 10.3	43	6.0 – 8.0 / 8.0 – 10.0	

Tapered Devices

Unconstrained Device Length



Unconstrained Device Diameter dist.

Unconstrained Device Diameter prox.

All changes or modifications, may they be technical or other, or changes in the availability of products are expressly reserved.  
Please contact your local Acandis® representative for product availability and information on compatible (micro)catheters.  
Not available for sale in the United States.

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