

Unique
ICAD treatment

NeuroSpeed®
PTA Balloon Catheter

CREDO®
Stent

indicated for
ACUTE (LVO) & ELECTIVE stenting

ORDERING INFORMATION | CREDO® with NeuroSpeed®

Labelled CREDO® Dimensions (mm)	Reference Number	Stent Diameter (mm)	Stent Length (mm)	Recommended Vessel Diameter (mm)	Required Catheters for Delivery
3.0 × 15	01-000930	3.0	15	2.0–2.5	NeuroSpeed® PTA Balloon Catheter
3.0 × 20	01-000931	3.0	20	2.0–2.5	
3.0 × 25	01-000932	3.0	25	2.0–2.5	
3.0 × 30	01-000933	3.0	30	2.0–2.5	
4.0 × 15	01-000940	4.0	15	2.5–3.5	
4.0 × 20	01-000941	4.0	20	2.5–3.5	
4.0 × 25	01-000942	4.0	25	2.5–3.5	
4.0 × 30	01-000943	4.0	30	2.5–3.5	
5.0 × 15	01-000950	5.0	15	3.5–4.5	
5.0 × 20	01-000951	5.0	20	3.5–4.5	
5.0 × 25	01-000952	5.0	25	3.5–4.5	
5.0 × 30	01-000953	5.0	30	3.5–4.5	

All sizes feature HRF (High Radial Force)

Labelled NeuroSpeed® Dimensions (mm)	Reference Number	Balloon Diameter (mm)	Balloon Working Length (mm)	ID (Inch)	OD dist. / prox. (French)	Usable Length (cm)
1.5 × 8	01-000605	1.5	8	0.0165	2.7 / 3.7	150
2.0 × 8	01-000600	2.0	8	0.0165	2.7 / 3.7	150
2.5 × 8	01-000601	2.5	8	0.0165	2.7 / 3.7	150
3.0 × 8	01-000602	3.0	8	0.0165	2.7 / 3.7	150
3.5 × 8	01-000603	3.5	8	0.0165	2.7 / 3.7	150
4.0 × 8	01-000604	4.0	8	0.0165	2.7 / 3.7	150

Inflation Pressure (bar)	NeuroSpeed® Diameter (mm)					
	1.5	2.0	2.5	3.0	3.5	4.0
2.0	1.21	1.72	2.09	2.42	3.06	3.26
4.0	1.37	1.84	2.33	2.78	3.25	3.72
6.0	1.50*	2.00*	2.50*	3.00*	3.50*	4.00*
8.0	1.67	2.16	2.65	3.22	3.69	4.23
10.0	1.85	2.27	2.75	3.38	3.83	4.37
12.0	2.02	2.39	2.87	3.54	3.97**	4.53**
14.0	2.20**	2.52**	2.98**	3.73**	–	–

* Nominal pressure ** Rated burst pressure

All changes or modifications, may they be technical or other, or changes in the availability of products are expressly reserved.
Not available for sale in the United States.

CE 0297

9-000952 EN 06/2022

Acandis GmbH | Theodor-Fahrner-Str. 6 | 75177 Pforzheim | Germany
Phone: +49 7231 155 00 0 | info@acandis.com | www.acandis.com

acandis®
ENGINEERING STROKE SOLUTIONS

www.3vede 2206

CREDO® | NeuroSpeed®
Stent | PTA Balloon Catheter

Approved for acute (LVO) and elective stenting
Repositionable up to 90% deployment
New diameter (5.0 mm) and longer lengths (25 mm, 30 mm)

acandis®
ENGINEERING STROKE SOLUTIONS

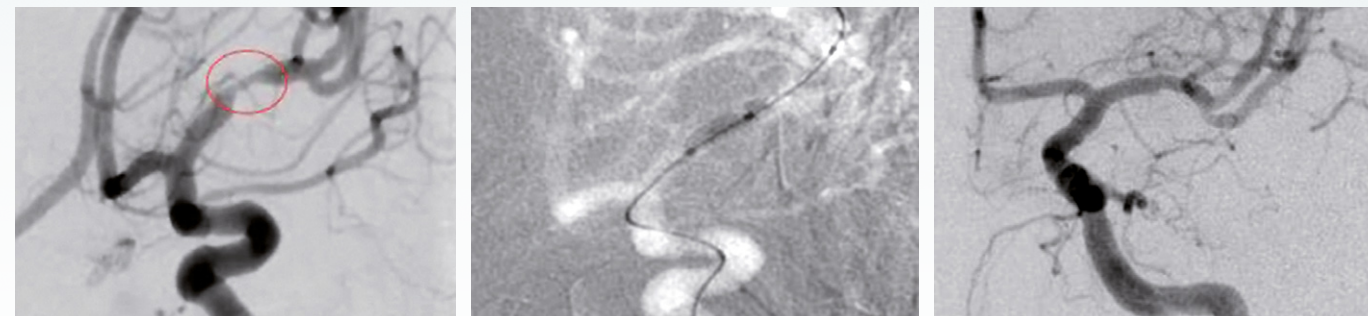
CREDO® Stent | NeuroSpeed® PTA Balloon Catheter

Simply unique

The unique combination possibility of the low-profile NeuroSpeed® PTA Balloon Catheter with the self-expanding laser-cut CREDO® Stent enables a gentle and effective stenosis treatment.



Treatment with NeuroSpeed® PTA Balloon Catheter¹

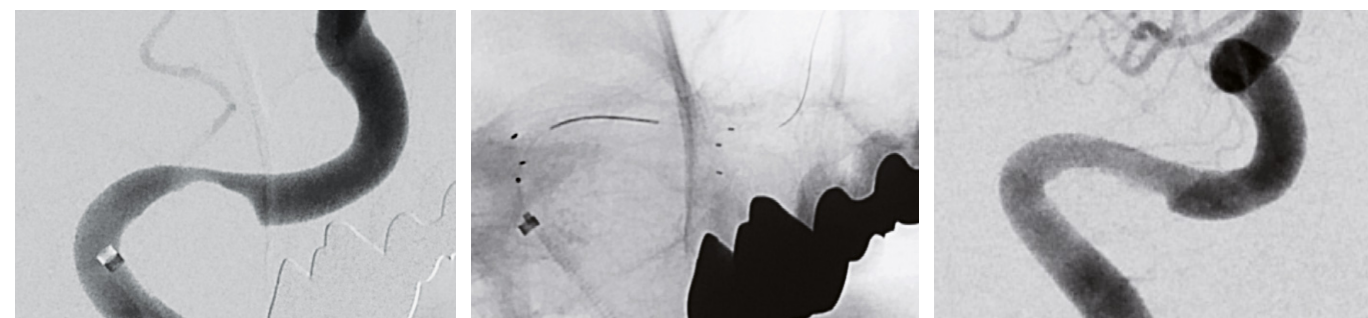


Pre-dilation
Initial degree of stenosis 80% pre-dilation

Inflation
NeuroSpeed® PTA Balloon Catheter 2.0 x 8 mm Inflation

Post-dilation
Final degree of stenosis ~ 10% post-dilation

Treatment with CREDO® Stent²



Pre-interventional diagnostic stenosis grade 80%

Deployment of CREDO® Stent after pre dilatation with NeuroSpeed® PTA Balloon Catheter

Final control after stent placement stenosis grade 30%

¹ Images are courtesy of Dr. Christian Löhr, Klinikum Vest, Recklinghausen, Germany
² Images are courtesy of Dr. Hannes Nordmeyer, radprax MVZ GmbH, Solingen, Germany

NeuroSpeed® PTA Balloon Catheter

Flexible

The NeuroSpeed® PTA Balloon Catheter is ideal for gentle and controllable PTA of intracranial stenosis.

If stent placement is required for stabilisation of the stenotic lesion, the CREDO® Stent can be delivered through the low-profile NeuroSpeed® PTA Balloon Catheter without exchange manoeuvre.

Smooth

The NeuroSpeed® PTA Balloon Catheter features a slim entrance profile and double hydrophilic coating.

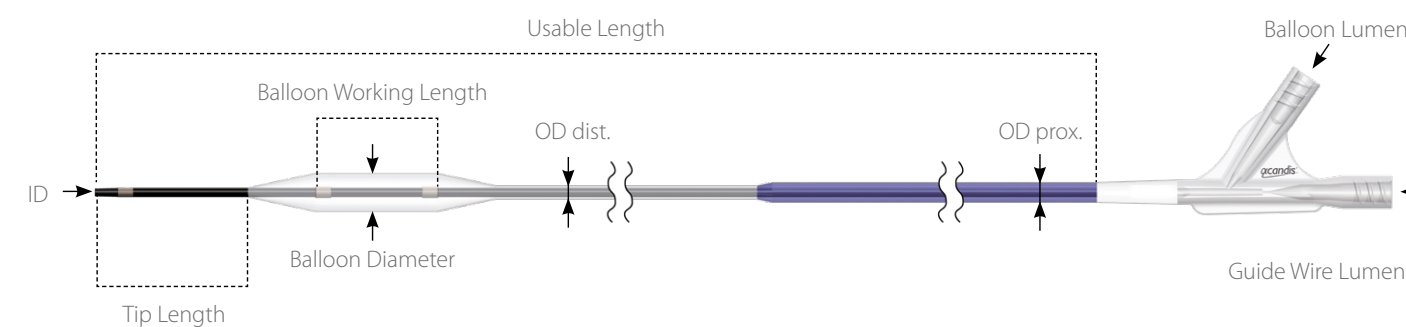
The flexible 10 mm tip, with distal tip X-ray marker, ensures atraumatic access and easy navigation. With a usable length of 150 cm it is possible to reach more distal vessels.

Effective

The semi-compliant balloon material of the NeuroSpeed® PTA Balloon Catheter enables a precise and controllable inflation behaviour for gentle and effective dilation.

The portfolio consists of only 6 sizes with nominal balloon diameters ranging from 1.5 to 4.0 mm.

Technical Specification



CREDO® Stent

Reliable

The CREDO® Stent is based on Acandis' reliable and proven laser-cut stent platform with asymmetric cell geometry, enabling excellent adaptability even in tortuous anatomies.

Thanks to the well-established radiopaque marker concept and the resheathability up to 90 % of its length, the CREDO® Stent provides maximum safety and comfort during procedure.

Gentle

The CREDO® Stent gives additional stabilisation and support to dilated stenosis.

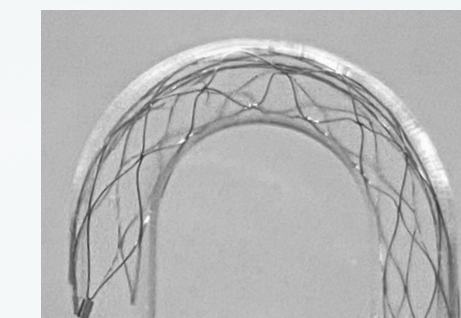
Compared to the ACCLINO® flex plus Stent (for aneurysm bridging) the CREDO® Stent features a higher radial force, which is well-balanced and adjusted for stenosis treatment.

The CREDO® Stent exerts an outward force optimised for perfect vessel wall apposition and a high resistive force against compression.

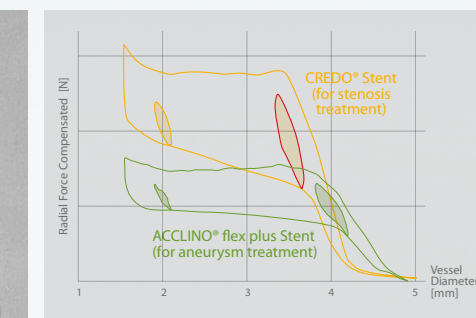
Unique

The CREDO® Stent is a self-expanding stent for treatment of intracranial stenosis.

Due to its low profile, the stent can be delivered through the 0.0165" NeuroSpeed® PTA Balloon Catheter. No exchange of the PTA balloon catheter by a microcatheter is required – minimising treatment time and procedural risks.



Stent flexibility



Radial force comparison



SEM of stent surface

Radiopaque Marker Concept

Distal transport wire marker

Three distal / proximal device markers

for additional control of stent position and opening behaviour

