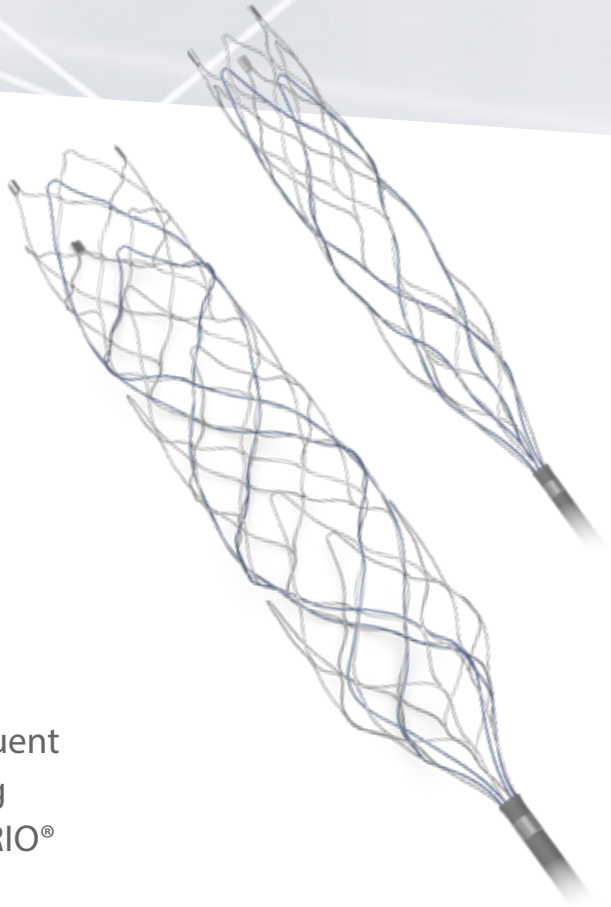
ENGINEERING STROKE SOLUTIONS

APERIO® Hybrid[17|21]
Thrombectomy Device

- For vessel diameters from 1.0 to 5.5 mm
- Effective hybrid cell design
- Excellent full length visibility

APERIO® Hybrid[17|21]
Thrombectomy Device



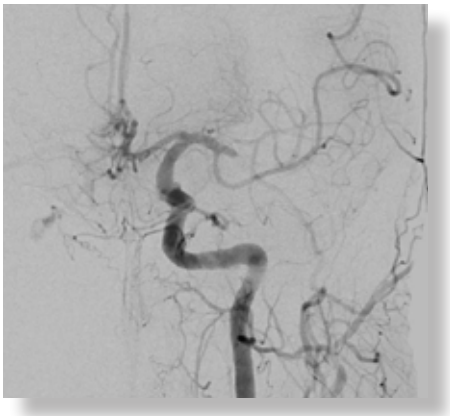
Perfect Interplay – Safe and efficient

Next generation of the reliable and safe APERIO® Hybrid Thrombectomy Device dedicated to further improve fast and efficient flow restoration – even for distal thrombectomy.

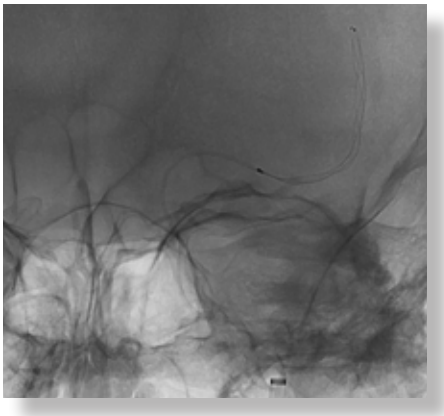
Various combination possibilities to find the optimal setting depending on the anatomy and treatment strategy.

> "Treatment of occlusions in distal branches of eloquent brain areas such as the ACA territory is a promising extension of mechanical thrombectomy. The APERIO® Hybrid[17] enables safe treatment of small vessels down to a diameter of 1 mm and its 2.5 mm version easily navigates through a 0.0165" ID microcatheter."
>
> *Dr. Hannes Nordmeyer, radprax at St. Lukas Hospital, Solingen, Germany*

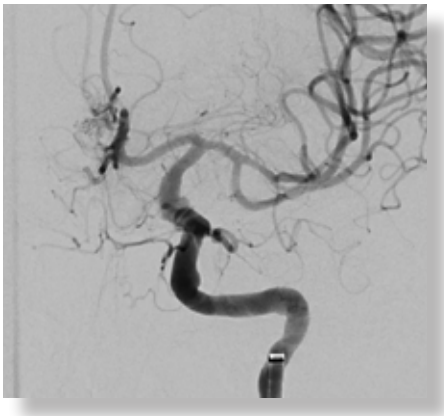
Treatment with APERIO® Hybrid[21] Thrombectomy Device[1]



Pre interventional diagnsotic



Recanalisation attempt with APERIO® Hybrid[21] 6.0 x 40 mm



Control after recanalisation (first pass, TICI 3)

1 Images are courtesy of Dr. Hannes Nordmeyer, radprax at St. Lukas Hospital, Solingen, Germany
2 Machi P., et al. (2017): Experimental evaluation of stent retrievers' mechanical properties and effectiveness. Journal of NeuroInterventional Surgery, 2017; Mar; 9(3):257-263

Improved

The APERIO® Hybrid[17] Thrombectomy Device is improved for distal thrombectomy and treatment of vessel diameters from 1.0 mm to 4.0 mm with 0.0165“ ID microcatheters.

The APERIO® Hybrid[21] Thrombectomy Device is the portfolio unification enabling the treatment of vessel diameters from 2.0 – 5.5 mm with 0.021“ ID microcatheters.

Efficient

Proven and effective hybrid cell design: Smaller closed cells ensure perfect vessel wall apposition and expansion into the clot.

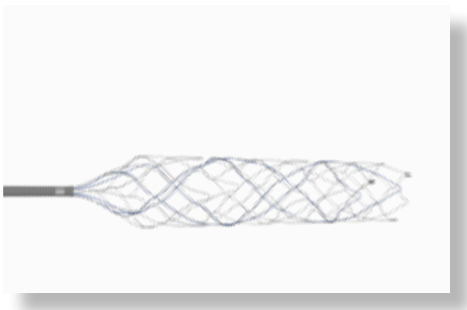
Larger clot catching cells assure good integration of the thrombus.

Integrated anchoring elements (except for device with Ø 2,5 mm) offer additional support for efficient clot retention enabling confident and atraumatic retrieval even in challenging anatomies.

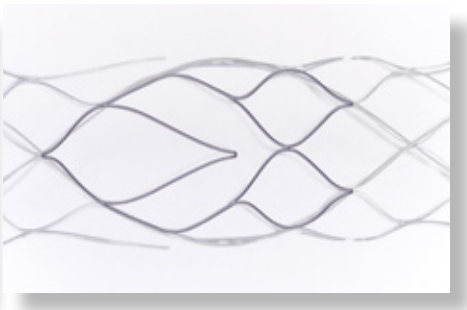
Safe

The sleek electropolished surface in combination with smooth atraumatic design elements enable a gentle and safe retrieval.

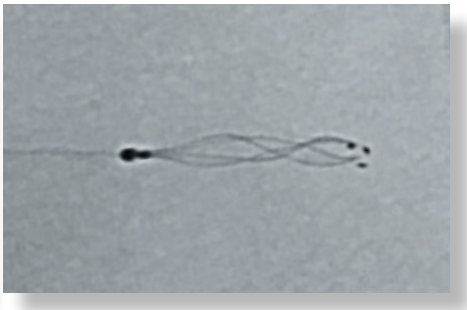
The full length visibility of the device leads to maximum control and assurance during procedure.



Improved portfolio

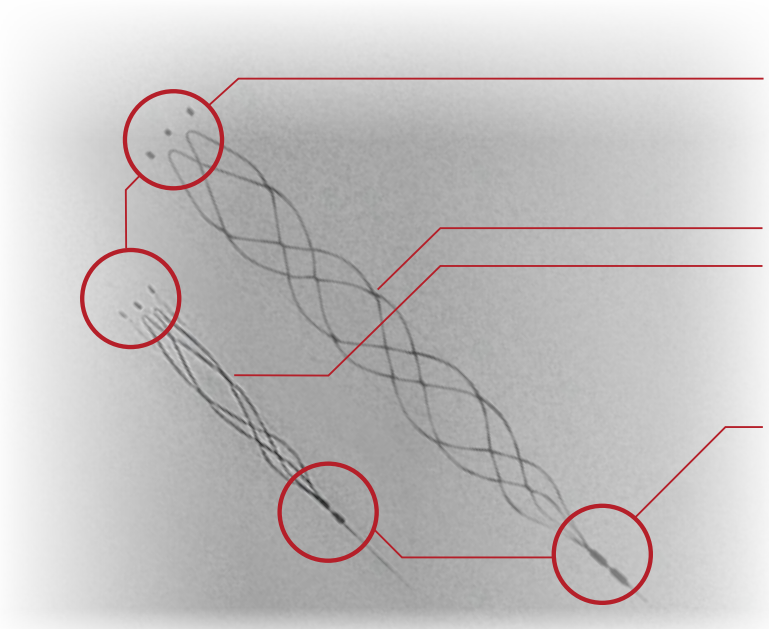


Hybrid cell design



Full length visibility[1]

Radiopaque Marker Concept



Three distal device markers

for permanent control of position and opening behaviour

Two radiopaque nitinol composite wires

featuring full length visibility for precise alignment and additional control during procedure

Two proximal device markers

for precise positioning within the thrombus

ORDERING INFORMATION | APERIO® Hybrid[17|21]

Labelled APERIO® Hybrid[17|21] Dimensions (mm)	Reference Number	Device Diameter (mm)	Device Length* (mm)	Recommended Vessel Diameter (mm)	Recommended (Required) Catheters for Delivery (Inch)
2.5 × 16	01-000713	2.5	16	1.0 – 2.0	NeuroSlider® 17 DLC NeuroSlider® 21 DLC (ID: 0.0165 – 0.021)
2.5 × 28	01-000710	2.5	28	1.0 – 2.0	
3.5 × 28	01-000711	3.5	28	1.5 – 3.0	
4.5 × 30	01-000712	4.5	30	2.0 – 4.0	
4.5 × 40	01-000715	4.5	40	2.0 – 4.0	NeuroSlider® 21 DLC NeuroSlider® 27 (DLC) (ID: 0.021 – 0.027)
4.5 × 50	01-000716	4.5	50	2.0 – 4.0	
6.0 × 40	01-000717	6.0	40	3.5 – 5.5	
6.0 × 50	01-000718	6.0	50	3.5 – 5.5	

* Average length within intended vessel diameter

All changes or modifications, may they be technical or other, or changes in the availability of products are expressively 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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