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)	Required / Recommended Microcatheters for Delivery (Inch)
2.5 × 16	01-000713	2.5	16	1.0 – 2.0	0.0165 – 0.021 NeuroSlider® 17 DLC NeuroSlider® 21 DLC
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	0.021 – 0.027 NeuroSlider® 21 DLC NeuroSlider® 27 (DLC)
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

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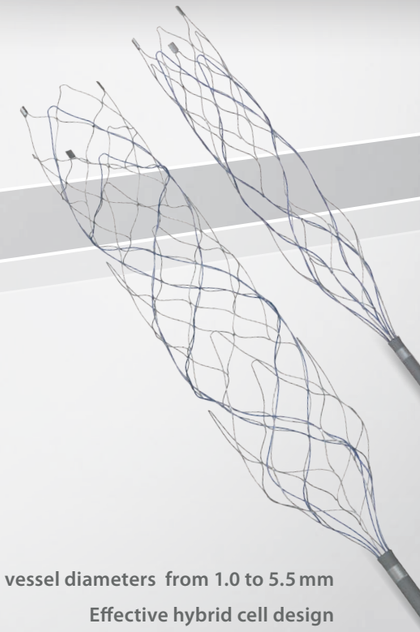
APERIO® Hybrid[17|21]
Thrombectomy Device



For vessel diameters from 1.0 to 5.5 mm
Effective hybrid cell design
Full length visibility

acandis®
ENGINEERING STROKE SOLUTIONS

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

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.

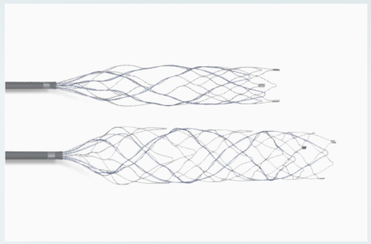
Larger clot catching cells assure good integration of the thrombus.

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.

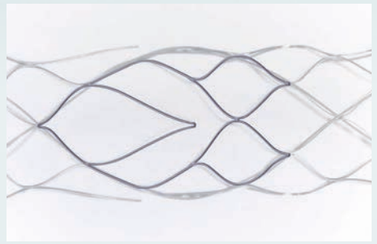
Safe

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

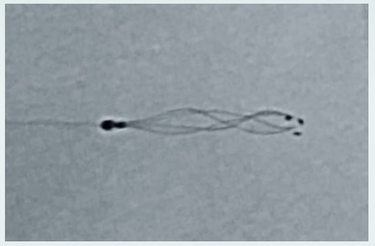
The full length visibility of the device leads to maximum control and assurance during procedure.



Improved portfolio

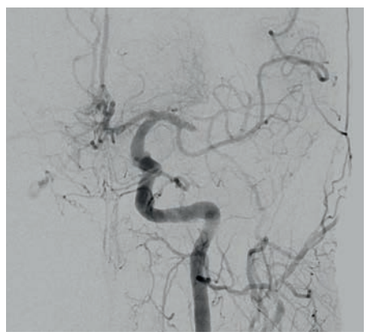


Hybrid cell design

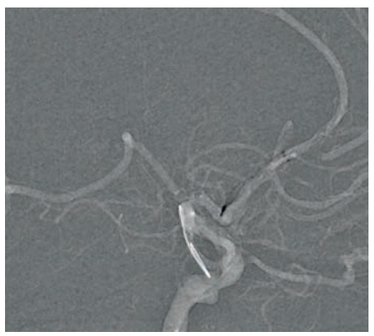


Full length visibility[1]

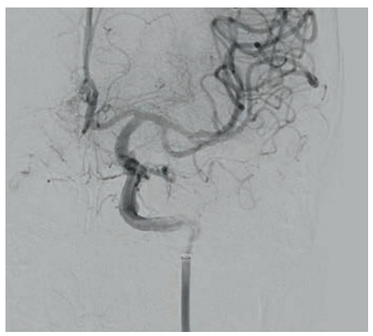
Treatment with APERIO® Hybrid[17] Thrombectomy Device[1]



Pre-treatment
M1, A2-A3, A4 occlusion

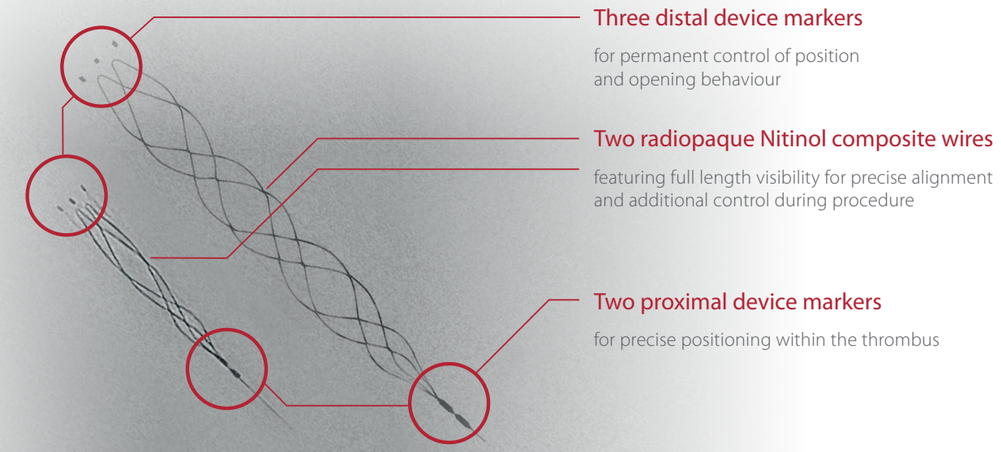


***Recanalisation** of A2-A3*
with APERIO® Hybrid[17] 2.5 x 16 mm



Post-treatment
Final result (first pass, TICI 3)

Radiopaque Marker Concept



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