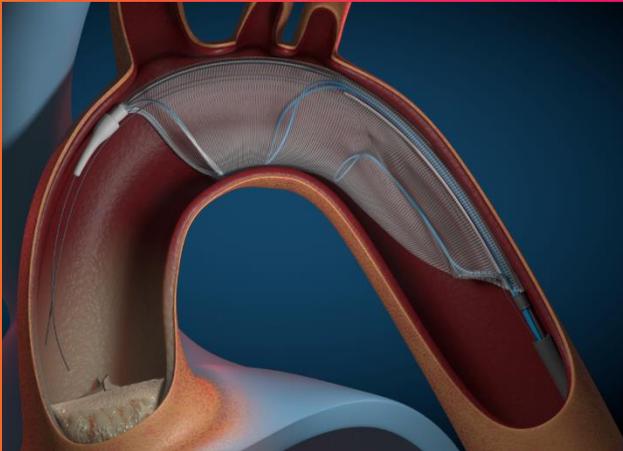


FLOWer

Embolic Protection Device



**The new frontier of EPD
to provide higher
protection from adverse
events during TAVI
procedures**



AorticLab srl
Via Ribes, 5,
10010 Colleretto Giacosa
TO, Italy



Distributor:



Kardia srl
Via Cormons, 18,
20151 Milano, Italy



User-Friendly



Engagement Made Easy:

The distal structure of FLOWer is designed for effortless engagement, ensuring a secure and reliable fit with the aorta.



Efficient Deployment and Intuitive Control:

Adding at most 3 mins to deployment.



12 Fr Introducer Compatibility:

Effortless Closure Management compatible with standard, pre-mounted suture-based closure devices.

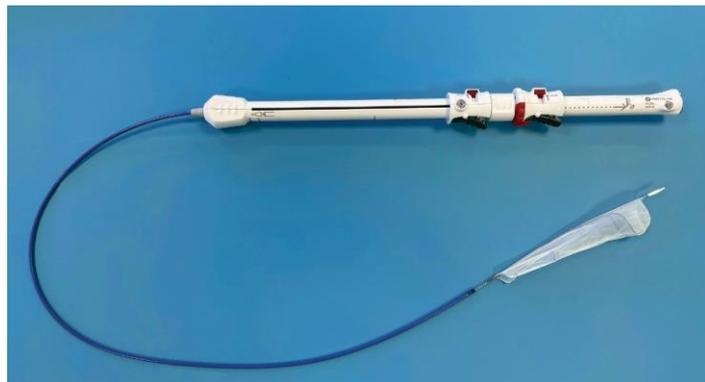


One Design, 3 Sizes:

The different sizes guarantee a perfect fit with aortas ranging from 25 mm to 39 mm. The correct device size is determined during the pre-procedural CT scan analysis.

| SIZE | NOMINAL SIZE (mm) | EXPANSION RANGE (mm) (D1) |
|-----------|-------------------|---------------------------|
| FLOWer 28 | 28 | ≥ 25 TO 29 (included) |
| FLOWer 32 | 32 | > 29 TO 34 (included) |
| FLOWer 36 | 36 | > 34 TO 39 (included) |

FLOWer



Safe and Harmless



Minimal to no interference with existing TAVI delivery systems.



No need for device-specific ACT adjustments.



Gentle on the vascular access site reducing complications and ensuring a smoother recovery.



Minimal thrombogenicity.



Enhanced tactile sensitivity throughout the deployment process facilitating real-time adjustments for precise and secure positioning.



Stability during deployment with adjustable distal structure and adaptive spine.



No need for a further access site thanks to the customized pigtail provided with the device.



Non-traumatic against the aortic wall even during the most complex procedures.



High Clinical Efficiency ⁽¹⁾⁽²⁾



Comprehensive Cerebral Protection:

Advanced filtering technology **can capture debris greater than 60 µm**, significantly reducing the risk of stroke and cerebral complications.



Beyond the Brain:

Non-cerebral debris capture and removal, protecting the brain and peripheral circulation.



Clinical Efficiency:

- In in vitro studies, simulating human circulation, FLOWer **prevented over 99% of microspheres from reaching the brain and captured 74% of them.**
- In clinical trials, **an average of 420 particles were captured per filter.** More than half of these particles were **smaller than 150 µm**, highlighting FLOWer's capability to intercept even the smallest of threats.
- **No access site vascular complication** in the clinical trial of over 75 patients.
- **Stroke rate within 72 hours** in the Nautilus clinical trial: **1.5%.**

Sources

(1) FLOWer - The Complete Embolic Protection Device - Nautilus Study, EuroPCR 2023.

(2) FLOWer Instruction for Use.