

# FLOWer<sup>®</sup>

Embolic Protection Device



Please check the availability of FLOWer<sup>®</sup> in your region and get more information by visiting our website: [www.aorticlab.com](http://www.aorticlab.com)

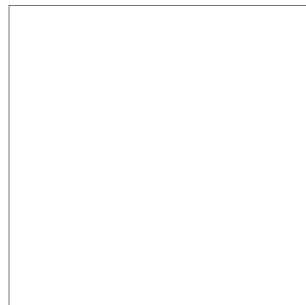
The new frontier of EPD to provide higher protection from adverse events during TAVI procedures



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## 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.

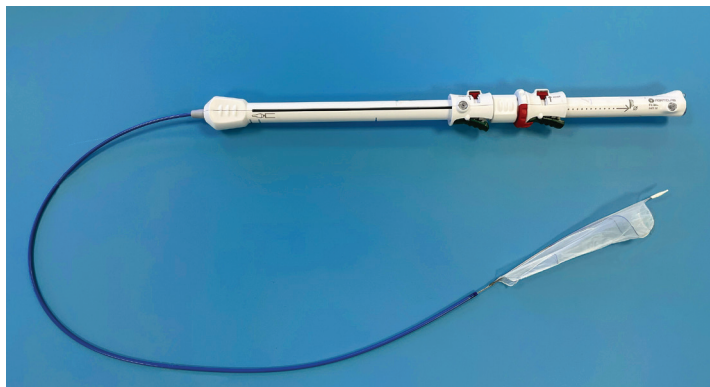


### One Design, 3 Sizes:

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 <sup>(1)(2)</sup>



### 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.