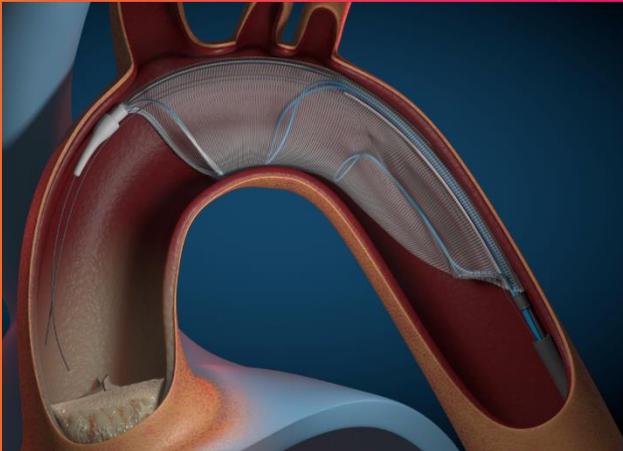


# FLOWer

Embolic Protection Device



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



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Via Ribes, 5,  
10010 Colletterto 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.

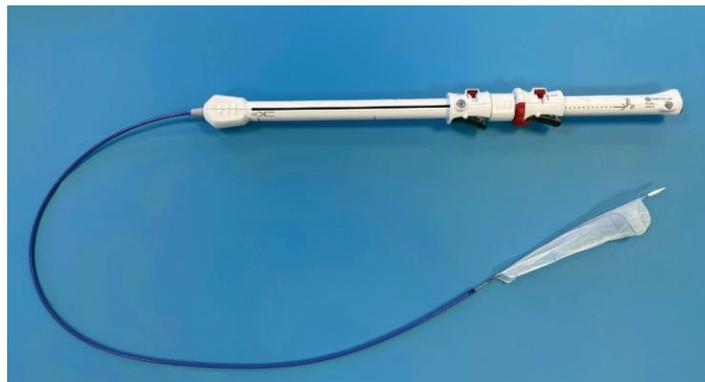


### One Design, 3 Sizes:

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)

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## 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.