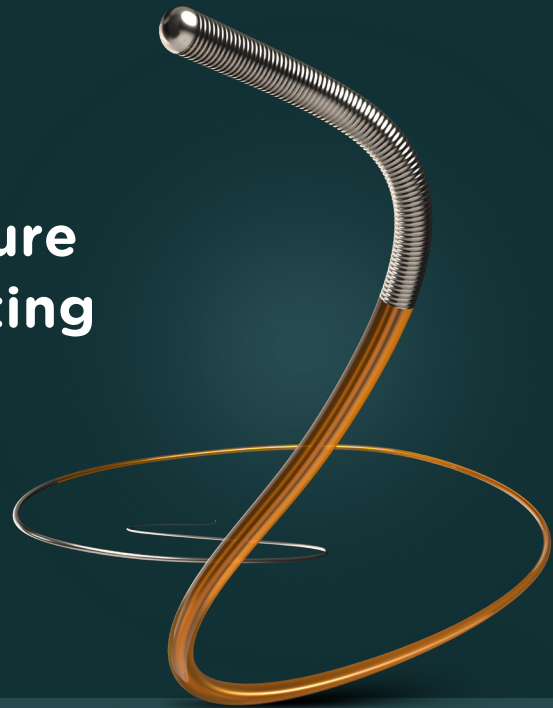




## Cavis **Wirecath**<sup>®</sup>

### World's only pressure guide wire eliminating hydrostatic error

A new level of precision  
in assessment of coronary  
artery disease.



**Increase**  
your measuring  
accuracy

**Reduce costs**

**Achieve**  
unique torque  
control

### Obtain precise measurements, without hydrostatic pressure errors

Unlike traditional sensor-tipped wires, the Wirecath<sup>®</sup> is immune to hydrostatic pressure errors<sup>1,2,3</sup>. Hemodynamic pressure measurements are performed through its fluid-filled interior and an external pressure transducer, eliminating the errors due to hydrostatic pressure<sup>1,4</sup>.

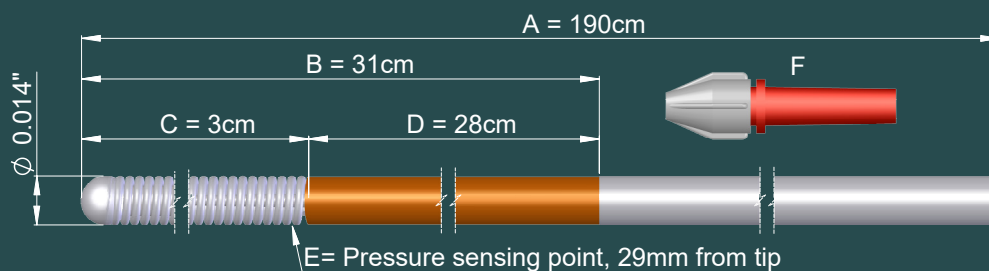
### Experience reliable wire performance in tortuous vessels

The torque is transmitted directly to the tip without interference from inner components – electric wires, optical fibers or sensors. The shapeable and atraumatic soft tip is designed to protect the vessel, without compromising shape retention.

1) Kawaguchi Y. et al. Impact of Hydrostatic Pressure Variations Caused by Height Differences in Supine and Prone Positions on Fractional Flow Reserve Values in the Coronary Circulation. *J Interv Cardiol.* 2019; 2019: 4532862. 2) Härle T. et al. Effect of Coronary Anatomy and Hydrostatic Pressure on Intracoronary Indices of Stenosis Severity. *JACC Cardiovasc Interv.* 2017 Apr 24;10(8):764-773. 3) Al-Janabi F. et al. Coronary artery height differences and their effect on fractional flow reserve. *Cardiol J.* 2019 Mar 26. 4) Courtois M. et al. Anatomically and physiologically based reference level for measurement of intracardiac pressures. *Circulation.* 1995 Oct 1;92(7):1994-2000.

## Confidently diagnose and treat your patients

In a challenging clinical situation, you need measurements you can trust and a tool that performs well and is easy to use. Cavis Wirecath is developed with one goal in mind - to provide simple, accurate measurements for confident decision making, every single time.



### Dimensions

A. Working length	190 cm
B. Flexible length	31 cm
C. Radiopaque tip	3 cm
D. Hydrophilic coating	28 cm
E. Pressure sensing point, distance from tip	29 mm
F. Torque device	

### Cath lab compatibility

Use the FFR software and system from our partner Ortivus and show it on the large screen in your cath lab. This software also presents pressure-derived CFR (PB-CFR max).

It is also possible to use any FFR software that is integrated in your recording/monitoring system.



**Precision.** Quite Simply.

[www.cavistechnologies.com](http://www.cavistechnologies.com)

Cavis Technologies AB  
Kungsängsvägen 29A, 753 23, Uppsala, Sweden  
[www.linkedin.com/company/cavis-technologies-ab](http://www.linkedin.com/company/cavis-technologies-ab)

