



Cavis Wirecath pressurewire

## World's first pressurewire eliminating hydrostatic error

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



**Increase**  
your measuring  
accuracy

**Achieve**  
unique torque  
control

**Trust**  
your  
diagnosis

### Obtain precise measurements, without hydrostatic pressure errors

Unlike traditional sensor-tipped wires, the Wirecath® 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

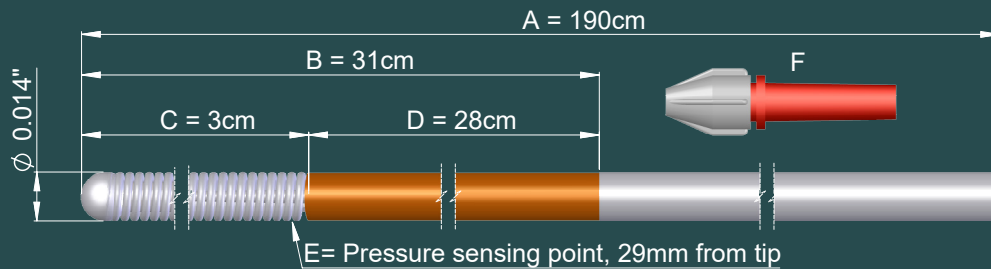
The torque is transmitted directly to the tip without interference from inner components – electric wires, optical fibers or sensors. The shapeable and atraumatic soft tip is designed to protect the vessel, without compromising shape retention.

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.



### Specification Cavis' Wirecath

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	2.9 cm
Pressure sensing point, diameter	0.014"

### Cath lab compatibility

No additional hardware is needed in your lab. Use the external pressure transducer, and the integrated FFR software of your system to measure physiological indices such as resting Pd/Pa, FFR, and do research in pressure-derived CFR.



**Precision.** Quite Simply.

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

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