

OptoWire[®] Deux

Discover OptoWire Deux,
the next-generation fiber-optic
FFR workhorse wire for even
the most complex cases.



OptoWire[®] Deux

Consistent and reliable next-generation FFR

The first fiber-optic FFR guidewire with

- a nitinol core and stainless steel laser cut outer tube for breakthrough handling and functionality.
- an advanced fiber-optic sensor for superior accuracy.



Atraumatic and Shapeable Tip

Go where you want to go, quickly and easily. OptoWire's atraumatic tip is designed to be soft and shapeable for fast steering and safe access.

Worry-Free Reconnect

Disconnect and reconnect with confidence. OptoWire's fiber-optic connector eliminates interference from fluids, like blood and contrast agents, and electrical contact issues for reliable FFR results throughout the procedure.

Revolutionary Consistency and Accuracy

Discover the advantage of consistent and accurate FFR measurements. Utilizing advanced fiber-optic technology and patented sensor design, OptoWire minimizes temperature and moisture-related drift. The result is a highly sensitive pressure sensor with remarkable consistency that is without equal in accuracy, long-term reliability and signal stability.

Reliable Strength and Support

Experience the simplicity and speed associated with using one wire. OptoWire's robust stainless steel exterior allows you to perform FFR measurements and deliver equipment over the same wire. Symmetrical and concentric guidewire construction provides the full body support of a workhorse guidewire with the superior over-the-wire deliverability of a hydrophilic coated stainless steel wire.

Exceptional Handling

Feel the benefit of a nitinol core. OptoWire is the only FFR pressure wire designed with a nitinol core, allowing for a unique balance of torqueability, flexibility, and kink resistance. Traditional first-generation FFR pressure wires utilize a small stainless steel core to remain flexible, sacrificing torqueability. OptoWire's larger nitinol core provides 1:1 torqueability with enhanced flexibility for optimal maneuverability, particularly in complex cases.

Superior Accuracy

OptoWire Deux demonstrated zero to negligible drift for FFR measurement over 8 hours.¹

	Next-Gen FFR	Traditional FFR			
	Opsens OptoWire Deux	Boston Scientific COMET²	St. Jude PressureWire Aeris³	Acist Navvus Microcatheter⁴	Volcano Verrata
Drift from Zero (mmHg/h)	<1	<3	<7	<7	Not specified in labeling

During standardized testing, OptoWire Deux pressure guidewires were evaluated for 8 hours.¹

Results:

- 90% showed zero drift over 8 hours
- 10% showed less than 1 mmHg over 8 hours

Experience the performance for yourself

The next-generation OptoWire Deux is setting the new standard for FFR workhorse wires.

For more information and a demonstration, please call 418.781.0333 or visit www.opsensmedical.com.

¹Opsens Medical. Data on File. ²Chambers, Jeff. Electric or Optical Fibers Based Pressure Measurements. Presentation sponsored by Boston Scientific at 19th Tremblant Interventional Cardiology Meeting. 2016. ³St. Jude. PressureWire Aeris, Instructions for Use, 20828 Rev 0F.

⁴Acist. Rapid Exchange (RXi) System and Navvus Catheter. 510(k) Filing, K132474. Jan 2014. OptoWire is a registered trademark of Opsens, Inc. © 2016 Opsens, Inc. All Rights Reserved.



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