

Your Pressure Guidewire to **DIAGNOSE** and **TREAT** with Confidence



You like OptoWire 2,  
You will **LOVE** OptoWire III

PATIENTS



**PEACE OF MIND**  
Confidence in Diagnosis

PHYSICIANS



**TIME SAVING**  
Efficient

HOSPITALS



**COST EFFECTIVE**  
1-wire PCI

<sup>1</sup> Data on file. N=5, REP-2010-12-T0, Internal benchtests. OpSens Inc.

<sup>2</sup> Cook, et al. *Circ Cardiovasc Interv.* 2016; 9:e002988.  
DOI: 10.1161/CIRCINTERVENTIONS.115.002988

<sup>3</sup> N.Curzen. *Comet Study. PCR 2017. Study presentation*

<sup>4</sup> Tateishi, et al. *Comparison of accuracy of fractional flow reserve using optical sensor wire to conventional pressure wire. ESC 2018. Abstract presentation*

<sup>5</sup> Data on file. Internal benchtests. OpSens Inc

<sup>6</sup> Tonino PA, De Bruyne B, Pijls NH, et al. *Fractional flow reserve versus angiography for guiding percutaneous coronary intervention. N Engl J Med* 2009;360:213-24.

<sup>7</sup> Johnson N, et al. *J Am Coll Cardiol Intv* 2016;9:757-67

<sup>8</sup> K192340

<sup>9</sup> Kobayashi Y, et al. *JACC* Oct 2017

<sup>10</sup> Data on file. Pooled analysis of the VERIFY 2, IRIS and LATINA

How to order:

order@opsens.com

OptoWire III product reference : F1031

OpSens Inc.

750 boulevard du Parc Technologique

Quebec QC G1P 4S3 Canada

T 1.418.781-0333

info@opsensmedical.com / opsensmedical.com

LBL-0900-54-v2

SCAN ME

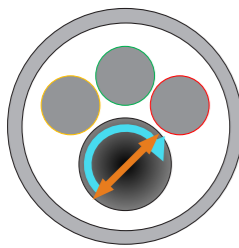


Your Pressure Guidewire to **DIAGNOSE** and **TREAT** with Confidence



# PERFORMANCE

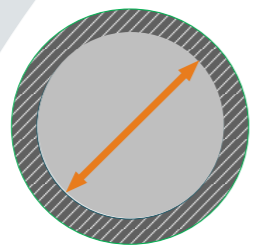
Unique support, torque response and guidewire control for vessel access



### Traditional piezoelectric\* pressure guidewire

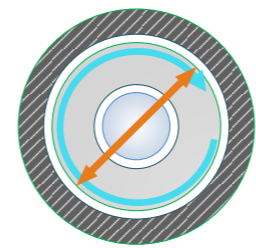
- Eccentric design
- Smaller inner core diameter
- Stainless steel inner core

\*Piezoelectric technology is used in Abbott and Philips devices



### PCI workhorse guidewire

- ✓ Concentric design
- ✓ Large inner core diameter
- ✓ Nitinol inner core



### 2<sup>nd</sup> generation Fiber optic pressure guidewire

- ✓ Concentric design
- ✓ Large inner core diameter
- ✓ Nitinol inner core

**OptoWire III EVEN MORE ROBUST AND DELIVERABLE THAN OptoWire 2: 74% MORE KINK RESISTANT AND 14% BETTER TORQUE RESPONSE<sup>1</sup>**



# ACCURACY

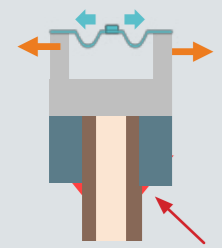
OptoWire is Powered by Fidela™, 2<sup>nd</sup> Generation Fiber Optic Sensor

### 1<sup>st</sup> generation fiber optic

Drift occurrence baseline: piezoelectric **30%+**<sup>3,4</sup>

**+ 30 %** increase<sup>3</sup>

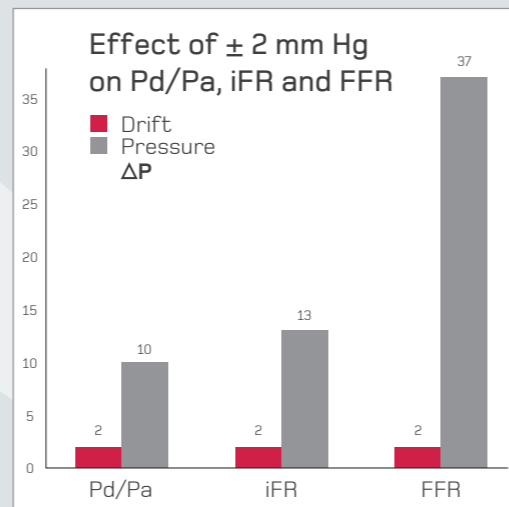
### 2<sup>nd</sup> generation fiber optic



**- 57 %** decrease<sup>4</sup> (p<0.01)



Minimal adhesive usage



N=447 Cook CM, et al. Circ Cardiovasc Interv 2016

**OptoWire<sup>5</sup>, THE PRESSURE GUIDEWIRE WITH THE LOWEST DRIFT IN THE INDUSTRY**

**DRIFT MATTERS: OVER 20% CORONARY PHYSIOLOGIC MEASUREMENTS MISCLASSIFIED DUE TO DRIFT<sup>2</sup>**



# FREEDOM

Take full control of your wire and reconnect with confidence



### • DISCONNECT

Take full control and cross challenging anatomies  
Save time and costs by performing the PCI over the same guidewire

### • RECONNECT

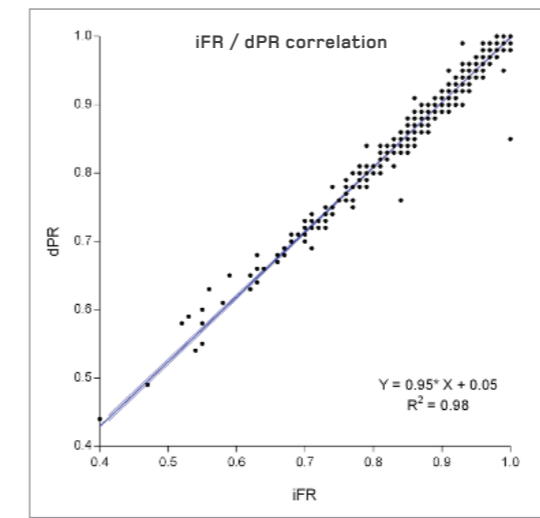
Assess additional segments or arteries  
Perform post-PCI measurements

**DISCONNECT/RECONNECT IN COMPLEX CASES WITHOUT THE NEED TO RE-EQUALIZE**



# CHOICE

Assess physiology with hyperemic or resting indices



OpSens dPR and iFR correlation with FFR<sup>10</sup>

**dPR 79.33%<sup>10</sup>**

**iFR™ 79.03%<sup>10</sup>**

“ All NHPR (resting Pd/Pa, iFR, dPR, RFR, DFR) showed equivalent diagnosis and prognosis performance<sup>10</sup>. Therefore, physicians can apply OpSens dPR algorithm in daily practice in the same manner as iFR. ” -Dr Ahn, TCT 2019

**RESTING INDICES ARE EQUIVALENT, PRESSURE GUIDEWIRES ARE NOT**