

**PHILIPS**

*OmniWire*

Pressure guide wire

**Solid core.**  
**No compromise.**

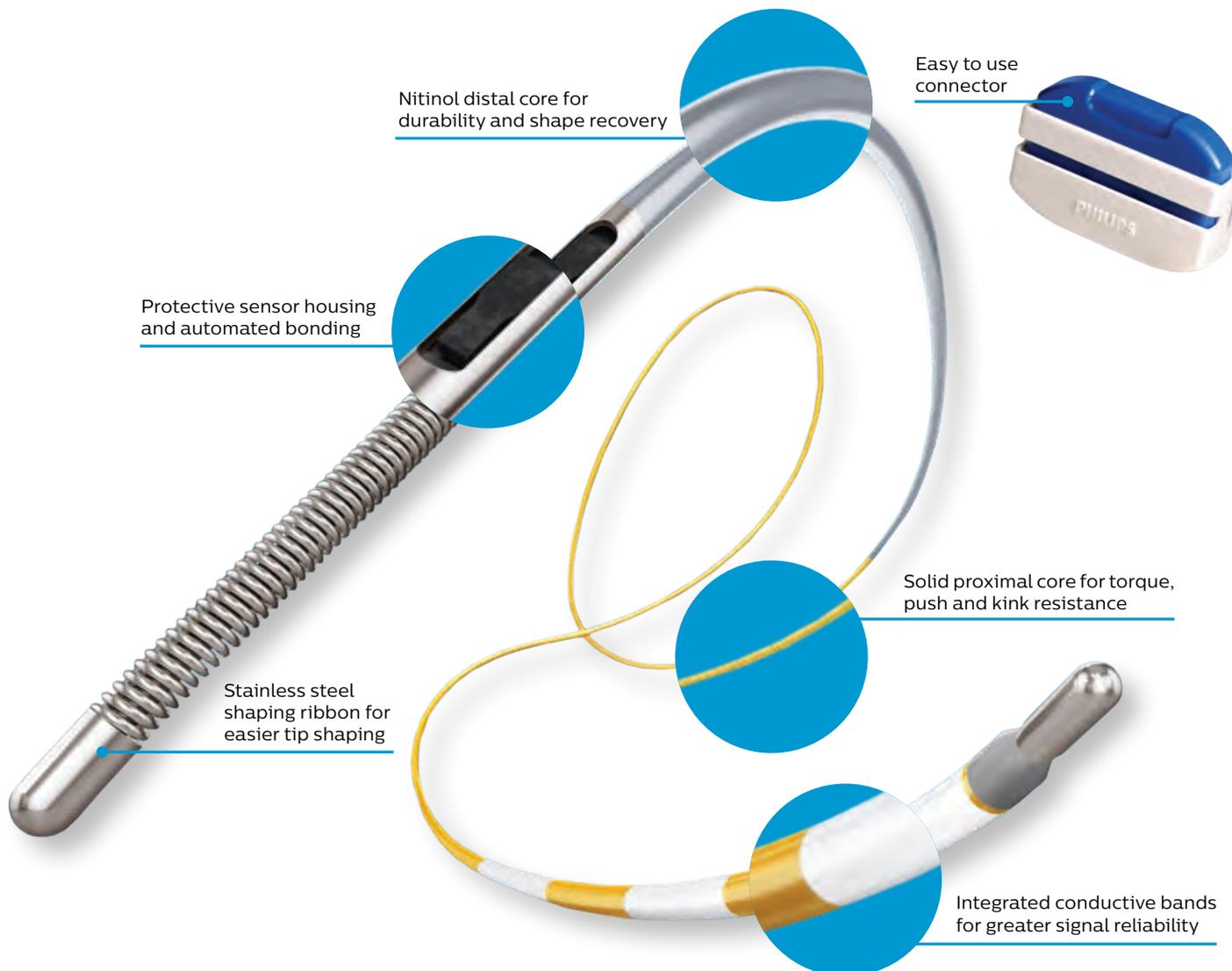
A close-up photograph of a hand wearing a white nitrile glove. The hand is holding a thin, straight, metallic wire between the thumb and index finger. The wire extends diagonally from the bottom left towards the top right of the frame. The background is a solid, deep blue color. The lighting is soft, highlighting the texture of the glove and the metallic sheen of the wire.

# World's first solid core pressure guide wire.<sup>1</sup>

## Designed more like a contemporary workhorse guide wire

Only OmniWire combines reliability in wire performance with proven iFR outcomes and iFR Co-registration, making it easy to use physiology throughout the case.<sup>2,3,4</sup>

- New Nitinol distal core provides increased durability and shape recovery.
- Unique solid proximal core for improved torque, pushability and kink resistance.
- Durable, integrated conductive bands for confidence during device delivery, reconnections and post-measurements.

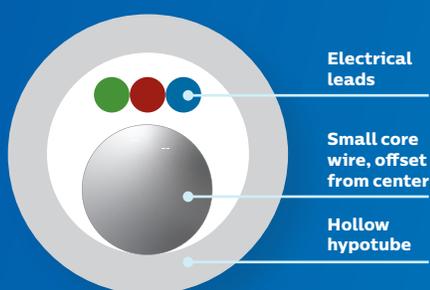


# More core. Less hypotube.

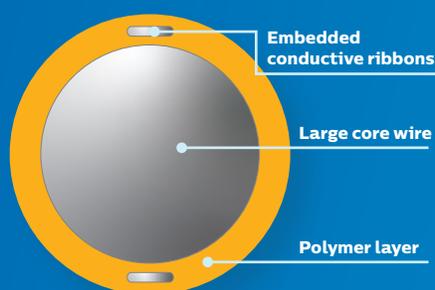
## Solid core for better performance

Until now, all pressure wires used a hollow hypotube to house electrical leads or optical fibers that carry the pressure signals. OmniWire uses a solid construction with conductive ribbons embedded in its outer layer. This innovation makes a larger solid core possible, similar to the design of your workhorse wire, providing the handling and durability needed for today's complex and multi-vessel cases.

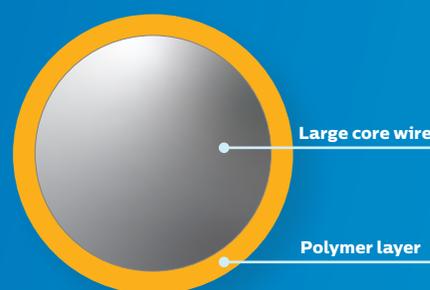
Traditional pressure wire<sup>6</sup>



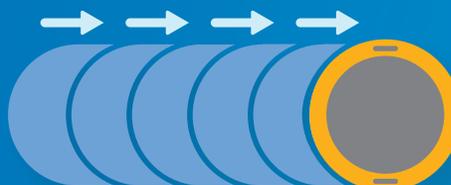
OmniWire with solid core<sup>6</sup>



Workhorse guide wire<sup>6</sup>



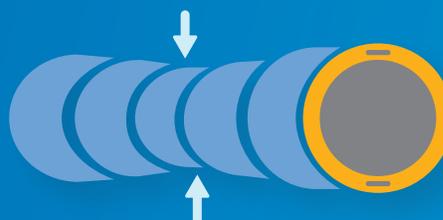
Improved durability



Improves torque response



Improves pushability



Reduced risk of kinking

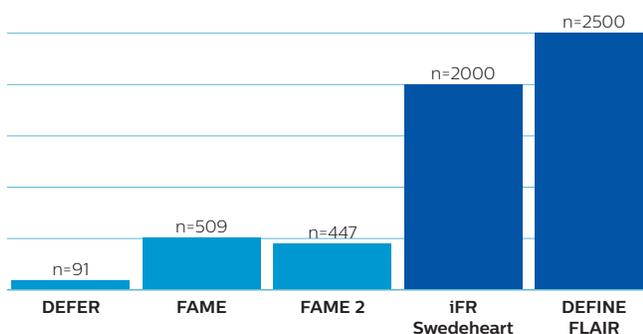
## Tested to ensure reliability<sup>1</sup>

We've rigorously tested the OmniWire's design to ensure a stable signal through 30 disconnects and reconnects while navigating tortuous vessels as small as 1 mm.

# iFR is in a class of its own.

Only iFR has clinically validated outcomes data in more than 4,500 patients

iFR is the leading hyperemia-free physiologic index for measuring pressure in diagnostic and interventional procedures.



10%

Reduction in procedure time<sup>7,8</sup>



\$896

Cost savings per patient<sup>9</sup>



90%

Reduction in patient discomfort<sup>7</sup>

Only offered by Philips, iFR is an evidence-based methodology that improves outcomes, saves time and reduces patient discomfort<sup>7,8,9</sup> compared to FFR.

## iFR is recognized by key industry associations

- Only iFR has been included in both the AUC (ACC Appropriate Use Criteria)<sup>10</sup> and NCDR (National Cardiovascular Data Registry).<sup>11</sup>
- Only iFR has been designated as “definitely beneficial” by SCAI (Society of Cardiac Angiography and Interventions).<sup>12</sup>
- Only iFR has received a Class 1A designation in the ESC (European Society of Cardiology) guidelines.<sup>13</sup>

# Advanced physiologic guidance and PCI planning

## with OmniWire, iFR Co-registration and IntraSight

OmniWire is fully compatible with Philips IntraSight platform for an outstanding user experience. IntraSight offers a comprehensive suite of clinically proven<sup>14,15</sup> imaging, physiology and co-registration<sup>5</sup> tools on a modern, secure platform that will help you simplify complex interventions and improve lab efficiencies.

iFR Co-registration makes it easy for you to see precisely which parts of the vessel are causing ischemia.

- Maps pressure drops onto the angiogram to better discern focal, serial, or diffuse disease
- Precise lesion severity, location, and length assessment without a pullback device
- Plan your treatment with a virtual stent and estimate post-PCI physiologic gain



## Ordering information:

Order number	Product name	Size	Tip shape
89185	OmniWire pressure guide wire	185 cm	Straight Tip
89185J	OmniWire pressure guide wire	185 cm	J-Tip

OmniWire is compatible with Philips IntraSight interventional applications platform for an outstanding user experience.

### Indications for use:

It can be used to measure pressure in blood vessels, including both coronary and peripheral vessels, during diagnostic angiography and/or any interventional procedures. It can also be used to facilitate the placement of catheters as well as other interventional devices in coronary and peripheral vessels. Blood pressure measurements provide hemodynamic information for the diagnosis and treatment of blood vessel disease.

The device is indicated for patients undergoing diagnostic angiography and/or percutaneous interventions in the coronary and peripheral vessels. iFR has been FDA cleared for ischemia testing using proven dichotomous cut-point, 0.89.

[www.philips.com/OmniWire](http://www.philips.com/OmniWire)

1. Data on file.
2. Davies JE, et al., Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. *N Engl J Med.* 2017 May 11;376(19):1824-1834.
3. Gotberg M, et al., iFR-SWEDEHEART Investigators. Instantaneous Wave-free Ratio versus Fractional Flow Reserve to Guide PCI. *N Engl J Med.* 2017 May 11;376(19):1813-1823.
4. Comparisons to Verrata Plus. Data/report internally on file or internal company's data on file. Verification Report, D000410086/A.
5. Co-registration tools available within IntraSight 7 configuration via SyncVision.
6. Proximal cross-sections. Not to scale, for illustration purposes only.
7. Davies JE, et al., DEFINE-FLAIR: A Multi-Centre, Prospective, International, Randomized, Blinded Comparison of Clinical Outcomes and Cost Efficiencies of iFR and FFR Decision-Making for Physiological Guided Coronary Revascularization. *New England Journal of Medicine*, epub March 18, 2017.
8. Gotberg M, et al., Instantaneous Wave-Free Ratio Versus Fractional Flow Reserve Guided Intervention (iFR-SWEDEHEART): A Multicenter, Prospective, Registry-Based Randomized Clinical Trial. *New England Journal of Medicine*, epub March 18, 2017.
9. Patel M, "Cost-effectiveness of instantaneous wave-free Ratio (iFR) compared with Fractional Flow Reserve (FFR) to guide coronary revascularization decision-making." Late-breaking Clinical Trial presentation at ACC on March 10, 2018.
10. Patel M, et al., ACC/AATS/AHA/ASE/ASNC/SCAI/SCCT/STS 2017 Appropriate Use Criteria for Coronary Revascularization in Patients with Stable Ischemic Heart Disease. *J Am Coll Cardiol.* 2017 May 2;69(17):2212-2241.
11. ACC CathPCI Hospital Registry.
12. Lofti A, et al. Focused update of expert consensus statement: Use of invasive assessments of coronary physiology and structure: A position statement of the society of cardiac angiography and interventions. *Catheter Cardiovasc Interv.* 2018;1-12.
13. 2018 ESC/EACTS Guidelines on myocardial revascularization: The task force on myocardial revascularization of the European society of cardiology (ESC) and European association for cardio-thoracic surgery (EACTS). *Eur Heart J.* 2018;00:1-96.
14. A. Maehara, M. Matsumura, Z.A. Ali, G.S. Mintz, G.W. Stone. IVUS-guided versus OCT-guided coronary stent implantation. *J Am Coll Cardiol Img.* 10 (2017), pp. 1487- 1503
15. Choi K, et al. Impact of Intravascular Ultrasound-Guided Percutaneous Coronary Intervention on Long-Term Clinical Outcomes in Patients Undergoing Complex Procedures. *JACC: Cardiovascular Interventions.* Mar 2019, 4281; DOI: 10.1016/j.jcin.2019.01.227

