

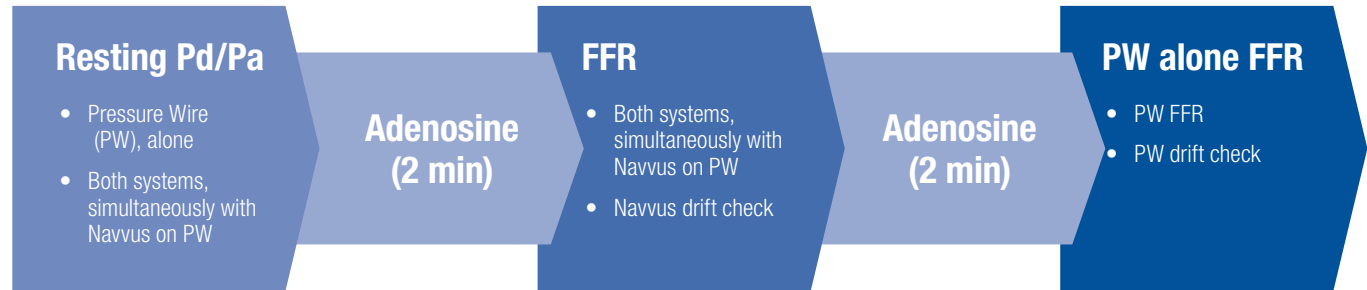
# ACIST-FFR STUDY:

## Strong Correlation of Navvus® FFR MicroCatheter Versus Standard Pressure Wires

### Study Design

- Prospective, multicenter study with 245 patients and 11 US sites
- Co-PIs: William Fearon, Stanford University and Matthew Price, Scripps Clinic
- Only study evaluating Navvus FFR MicroCatheter versus two standard pressure wires—Abbott/St. Jude Medical and Philips/Volcano
- Core Lab assessed (CRF, NY) and Independent Statistical Analysis (Stanford University)
- Patients enrolled had stable angina or ischemia indicated for FFR

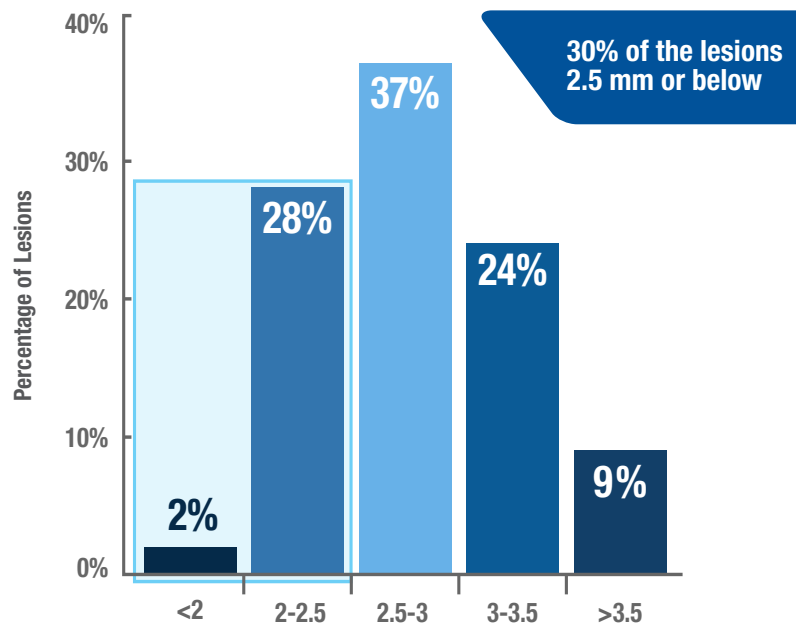
### Correlation Protocol



### Baseline Angiographic Characteristics

<b>Lesion Location</b>	Left Main	4 (2%)
	LAD	87 (52%)
	Left Cx	31 (18%)
	RCA	44 (26%)
<b>% Diameter Stenosis</b>		47±9
<b>Lesion Length (mm)</b>		15.3±8
<b>RVD (mm)</b>		2.8±0.5
<b>ACC/AHA Classification</b>	A	51 (30%)
	B1	74 (44%)
	B2	34 (20%)
	C	10 (6%)

### Reference Vessel Diameter (mm)



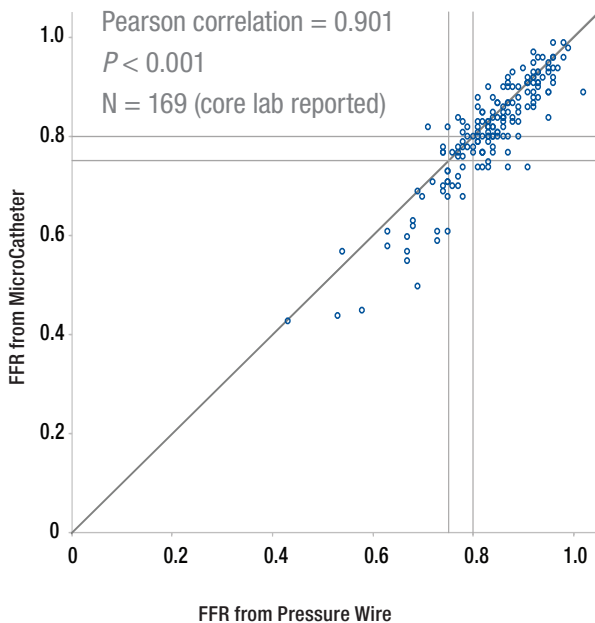
FFR=fractional flow reserve.  
RVD=reference vessel diameter.  
Pd/Pa=distal coronary pressure/aortic pressure.  
LAD=left anterior descending artery.

Cx=circumflex artery.  
RCA=right coronary artery.  
LOA=limits of agreement.  
ACC/AHA=American College of Cardiology/American Heart Association.

## Study Results

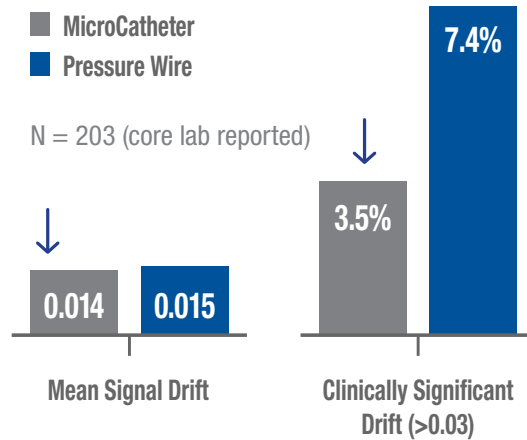
### Strong Correlation

- Strong correlation between FFR measured by Navvus compared to standard pressure wires
- In 97% of cases the differences in FFR did not impact clinical decision-making
- FFR measurements using Navvus showed an average difference of -0.02 compared to standard pressure wires (95% CI: -0.029, -0.015)



### Low Signal Drift

- Navvus had lower mean signal drift and clinically significant drift compared to standard pressure wires



*“This study confirms and expands upon previous findings in a much more robust manner. It is encouraging to see these data further validate the diagnostic capabilities and technical merit of microcatheter FFR technology.”*

*-ACIST-FFR co-principal investigator Matthew Price, MD, Director, Cardiac Catheterization Laboratory at Scripps Clinic (La Jolla, CA)*

To learn more about the ACIST-FFR Study and the Navvus® Rapid Exchange FFR MicroCatheter, visit [ACISTFFR.com](http://ACISTFFR.com)

#### Contact us in the US:

ACIST Medical Systems, Inc.  
7905 Fuller Road  
Eden Prairie, Minnesota 55344  
Phone: (952) 995-9300  
USA Toll-free: 1-888-667-6648

#### Contact us in the EU:

ACIST Europe B.V.  
Argonstraat 3  
6422 PH Heerlen  
The Netherlands  
Phone: +31 45 750 7000

#### Visit our website:

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