Differentiated design, optimized imaging

- Novel, offset tip design
- VarFlex™ imaging window
- Lubricious hydrophilic coating

Intuitive interface

Easy-to-use, interactive touchscreen facilitates rapid analysis and efficient workflow

High-speed pullback

20x faster pullback  95% time reduction  Minimizing ischemic risk

Pullback time for a 7-cm pullback

20x faster pullback

7 sec  10 mm/sec

2 min 20 sec  0.5 mm/sec

References

5. Impact of the distance from the stent edge to the residual plaque on edge restenosis following DES implantation. PLoS One. 2015;10(3):e0121079

Visit our website:
www.acist.com
Why HDi®?

Manage complications every step of the way

ACIST brings a new level of diagnostic capability to the interventional cardiology field by redefining intravascular ultrasound with high definition imaging that does a better job visualizing coronary complications that can increase MACE rates. By utilizing See it, Treat it and Prevent it techniques, physicians can identify edge dissection, lipid plaque, and thrombus to decrease their coronary complications.

See it.

HDi® brings new imaging modes, LumenView™ and SilkView™, designed to detect complex complications helping physicians treat patients. Thrombus and edge dissections may lead to worse outcomes.

- LumenView™ darkens the coronary lumen for better border detection.
- SilkView™ increases gray scale for finer blood speckle, tissue and plaque differentiation.
- ClassicView™ optimizes the balance of high resolution and depth of penetration and enables full vessel wall visualization.

Thrombus Detection

• Better

• 50% more

thrombus detection than 40 MHz²

dissections detected than 40 MHz³

Edge Dissections

Stent Size

• 3x Better

visualization of media than OCT for optimizing stent sizing²

Stent Landing Zones

Prevent it.

HDi® has been designed to detect lipid pools and large plaque burdens. The data has shown that placing the stent edges in these types of plaques can result in an increase in complications.

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