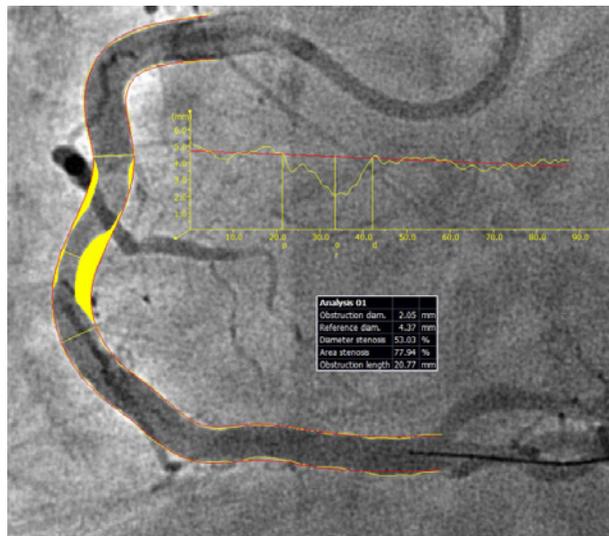


PCI / PERCUTANEOUS CORONARY INTERVENTION / PLAN

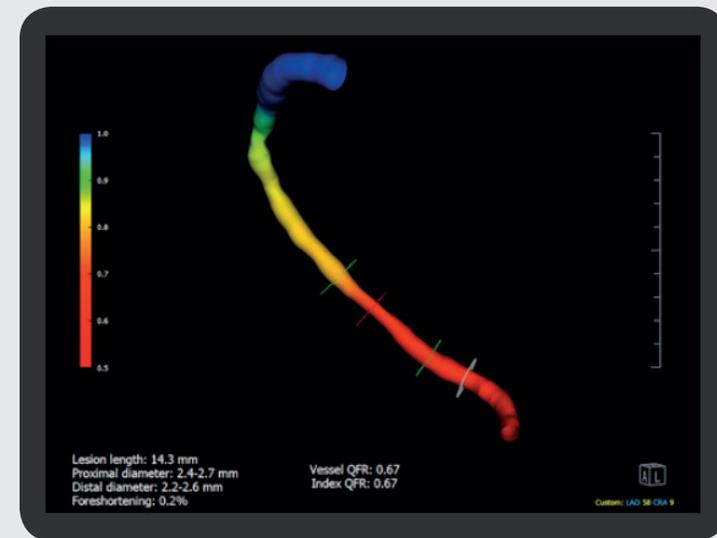
Support your decision



Clinical case example:

Anatomy Diameter stenosis = 53%
vs. Physiology
FFR = 0.85

Physiology with QFR^{®(1)}



- Assess the functional severity of a lesion with high accuracy, and without a pressure wire or adenosine with MEDIS QFR[®]
- Extensive clinical evidence published in international literature
- Applicable pre-during - as well as post-PCI
- Workflow interface with GE IGS imaging system⁽²⁾



PCI / PERCUTANEOUS CORONARY INTERVENTION / PLAN

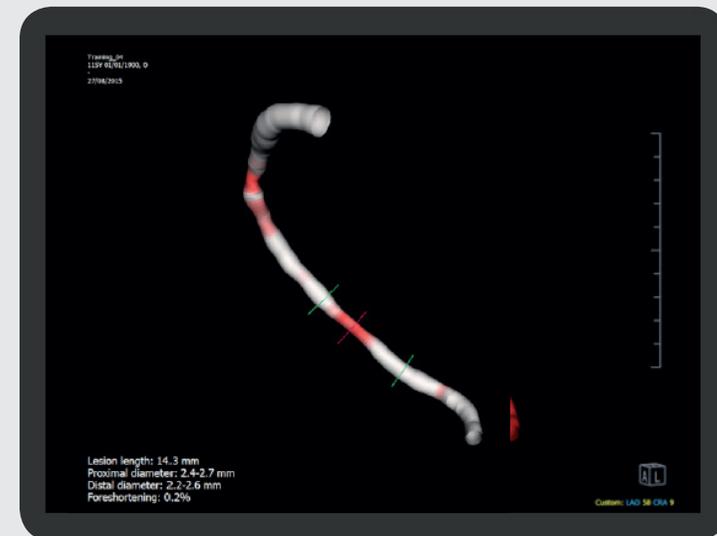
One-touch QA

Quick and user-friendly quantification tool

- Assessment of lesion length and diameters for stent sizing
- Facilitates confidence in measurement



3D QCA⁽³⁾



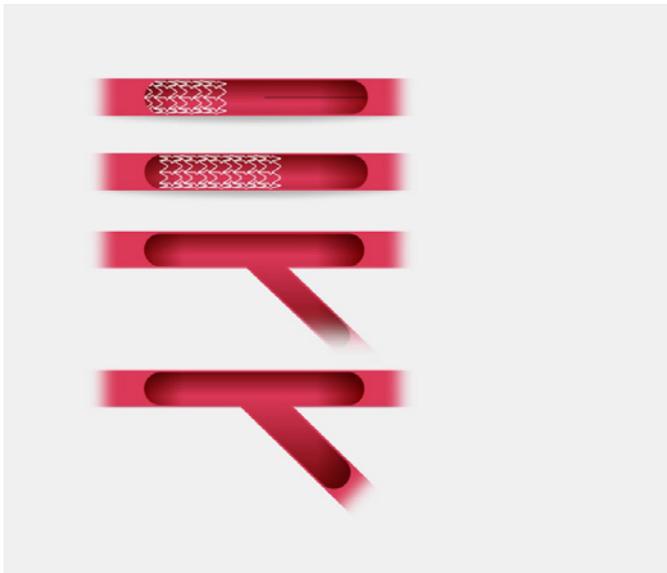
- Handy acquisition guide to select the appropriate 2 views for 3D QCA
- 3D QCA helps to reduce foreshortening to measure the lesion with precision and select the most appropriate stent
- Workflow interface with GE IGS imaging system⁽²⁾



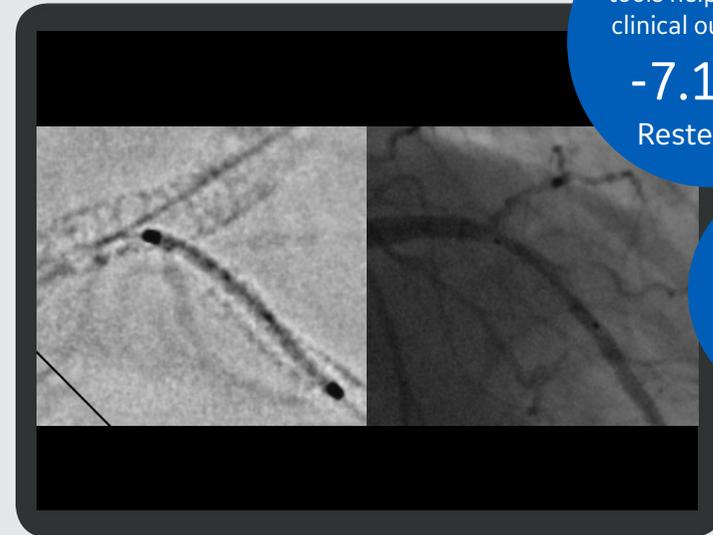
PCI / PERCUTANEOUS CORONARY INTERVENTION / GUIDE

Precisely
positioning
the stent can
be challenging

25%
of intra stent
restenosis due to
stent gap⁴



Position precisely your stent(s)
with PCI ASSIST⁽⁵⁾



Stent
enhancement
tools help improve
clinical outcomes:

-7.1pts
Restenosis⁶

-7.2pts
TLR-MACE⁶

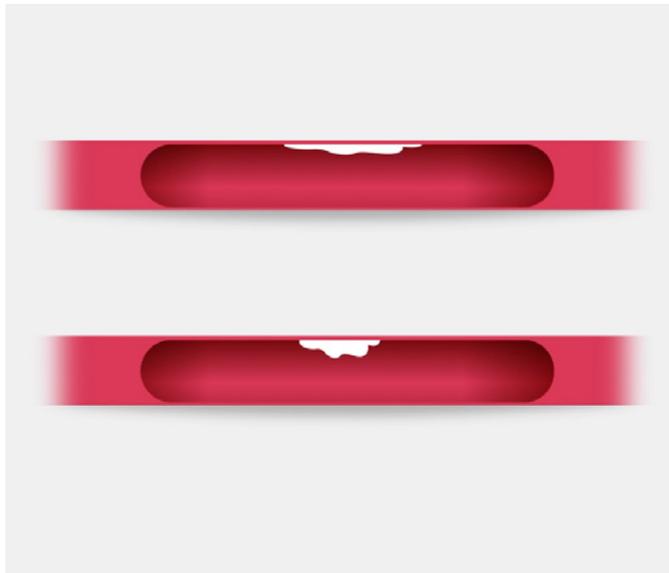
- Stent Enhancement helps to guide the intervention before and after stent deployment
- Enhanced visibility to help to guide the 2nd stent and optimize overlap
- Helps to guide the side branch stent relative to the main branch with StentVesselViz



PCI / PERCUTANEOUS CORONARY INTERVENTION / ASSESS

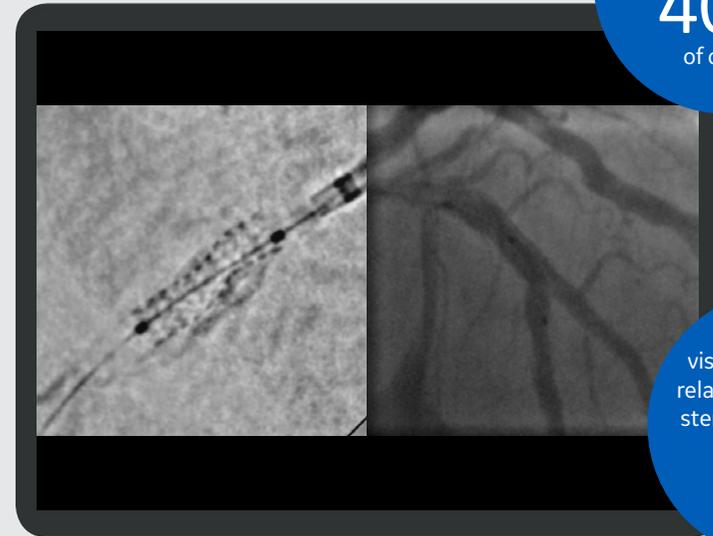
Stent deployment assessment & confirm the lesion is correctly treated

Up to
40%
malapposed stents in bifurcations⁷



Stent deployment and confirm

Helped decide the course of intervention in
40%
of cases⁸



Improve visualization of the relation between the stent & the vessel in
70%
of cases⁸

- Helps to assess stent homogeneous deployment
- Helps to assess the proximal main branch stent deployment after POT with StentViz
- Helps to assess final stent deployment: expansion of the stent, minimal overlap, no geographical miss

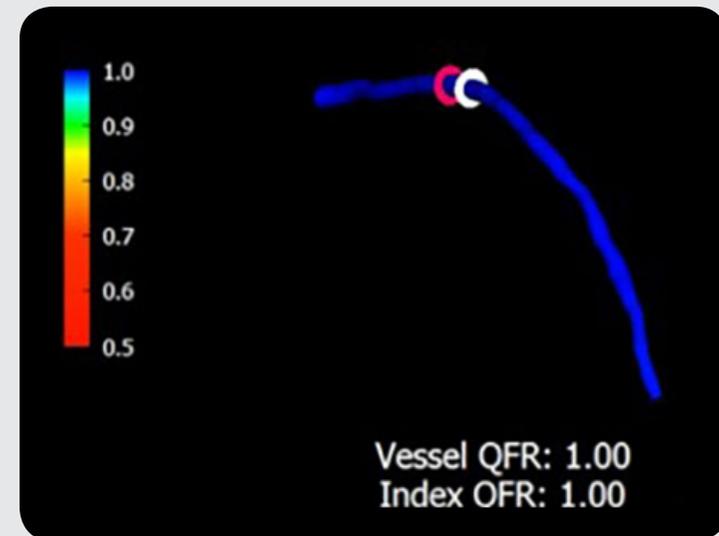


PCI / PERCUTANEOUS CORONARY INTERVENTION / ASSESS

Prove and document



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REFERENCES

1. QFR® Analysis is included in QAngio® XA 3D software. Sold by Medis medical imaging systems bv. It is applicable to Innova IGS 5, Innova IGS 6, Discovery IGS 7 and Discovery IGS 7 OR.
2. GE IGS imaging systems refer to Innova IGS 5, Innova IGS 6, Discovery IGS 7 and Discovery IGS 7 OR
3. 3D QCA Analysis is included in QAngio® XA 3D software. Sold by Medis. It is applicable to Innova IGS 5, Innova IGS 6, Discovery IGS 7 and Discovery IGS 7 OR.
4. Stent Gap by 64-Detector Computed Tomographic Angiography Relationship to In-Stent Restenosis, Fracture, and Overlap Failure Harvey S. Hecht, MD, SotirPolena, MD, Vladimir Jelnin, MD, Marcelo Jimenez, MD, TandeepBhatti, DO, Manish Parikh, MD, Georgia Panagopoulos, PHD, Gary Roubin, MD, PHD <https://content.onlinejacc.org/pdfaccess.ashx?ResourceID=2926481&PDFSource...>
5. PCI ASSIST solution includes StentViz and StentVesselViz, features of Interventional X-ray systems Innova IGS 5, Innova IGS 6, Discovery IGS 7 and Discovery IGS 7 OR
6. Effect of StentBoost imaging guided percutaneous coronary intervention on mid-term angiographic and clinical outcomes: www.ncbi.nlm.nih.gov/pubmed/23332899
7. Source: Crush, Culotte, T and Protrusion: Which 2-Stent Technique for Treatment of True Bifurcation Lesions? <https://www.ncbi.nlm.nih.gov/pubmed/23006784>
8. DOC1683165 - Clinical evidence generation study based on Columbia images. The Statements by GE's customers described here are based on results that were achieved in the customer's unique setting. Since there is no "typical" hospital and many variables exist e.g. hospital size, case load, there can be no guarantee that other customers will achieve the same results. - Method: Assessment of clinical benefit of StentVesselViz: => - Independent assessment of each sequence by 6 experienced interventional cardiologists; - Assessment done in 2 steps by each reviewer:
 - 1 - Conventional post-deployment angiogram alone x 11 clinical cases
 - 2 - Angio + SVV sequence x 11 same clinical cases. Results are based on - Consensus of 5/6 operators

