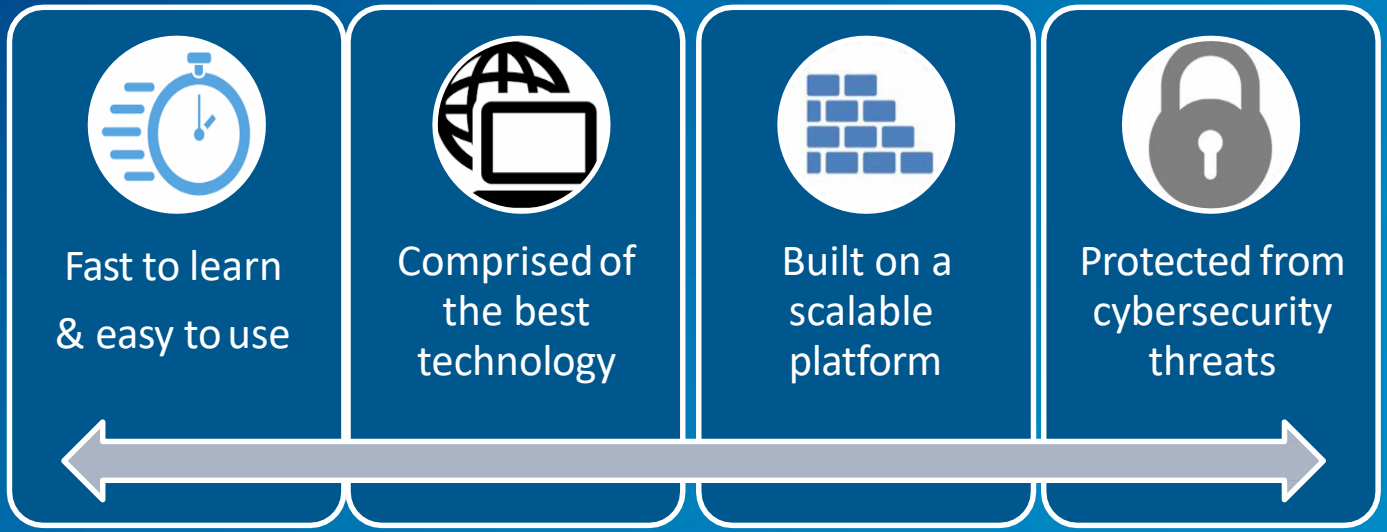
PHILIPS

www.philips.com

IntraSight customer presentation

innovation + you

In recent years, our customers have asked for a system that is…



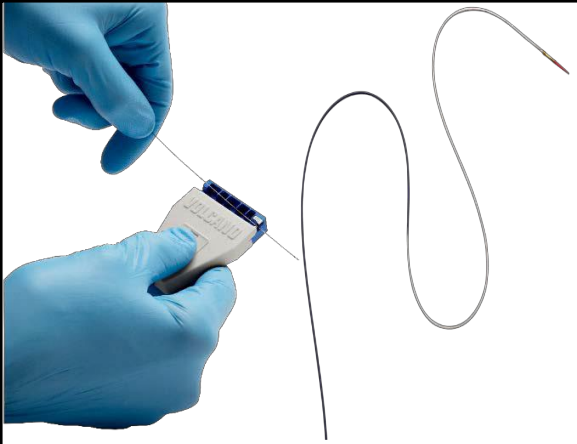
PHILIPS

IntraSight

Introducing Philips IntraSight

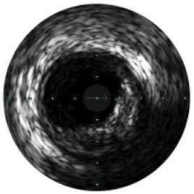
Interventional applications platform

Smart. Simple. Seamless.

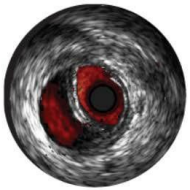


SMART

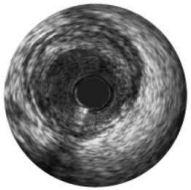
Delivering Philips' best-in-class imaging, physiology and co-registration tools on a foundational applications based platform



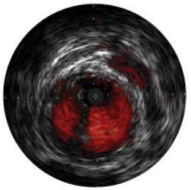
Digital IVUS imaging



Peripheral imaging



Rotational IVUS imaging



ChromaFlo imaging

SEAMLESS

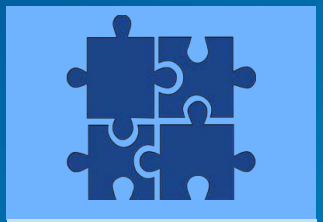
Optimize lab performance with efficient data management and user controls, remote service diagnostics, and advanced cybersecurity protection.

All-new IntraSight features optimize performance

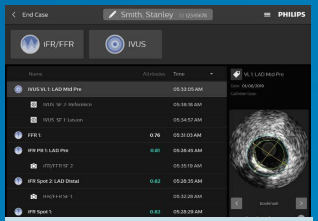
New touchscreenmodule (TSM)

Robust cybersecurity.& Windows 10

Philips Remote Service



Intuitive applications-based platform



Seamless integration

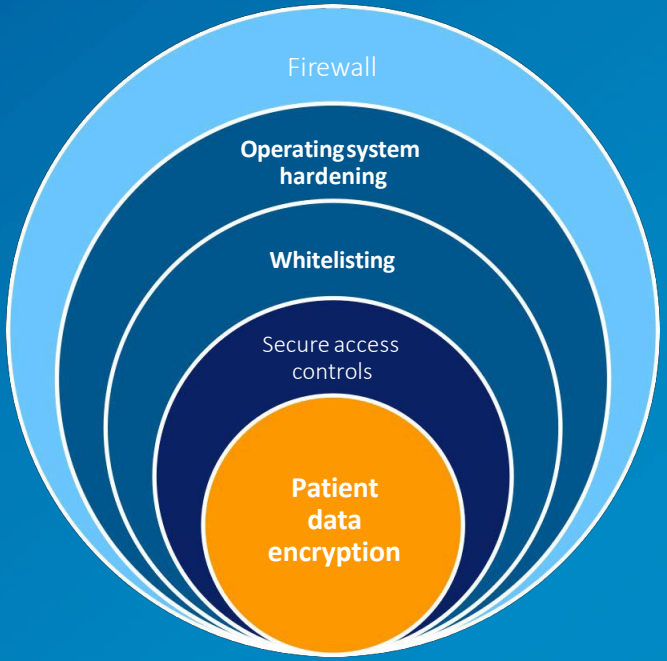
Demonstration mode

Complete control table side

- Run an entire case
- Easily create measurements
- Never break scrub

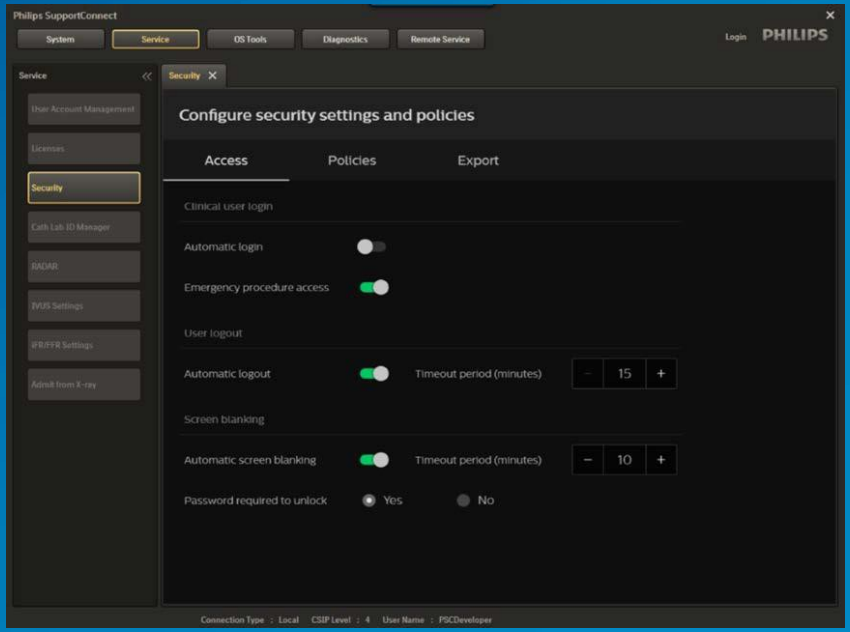
The first IVUS & Physiology platform to run on Windows 10

- Microsoft Windows 10
- Unrivaled cybersecurity protection
- Latest data encryption methods
- Secure Access
- Secure Data Management



Advanced cybersecurity with secure data management & access tools

Custom security levels to fit your particular organizational needs



Philips Remote Services

Enables the user to enjoy the benefits of:

- Keeping systems running smoothly
- Diagnosing problems remotely
- Improving uptime
- Accelerating field service response times

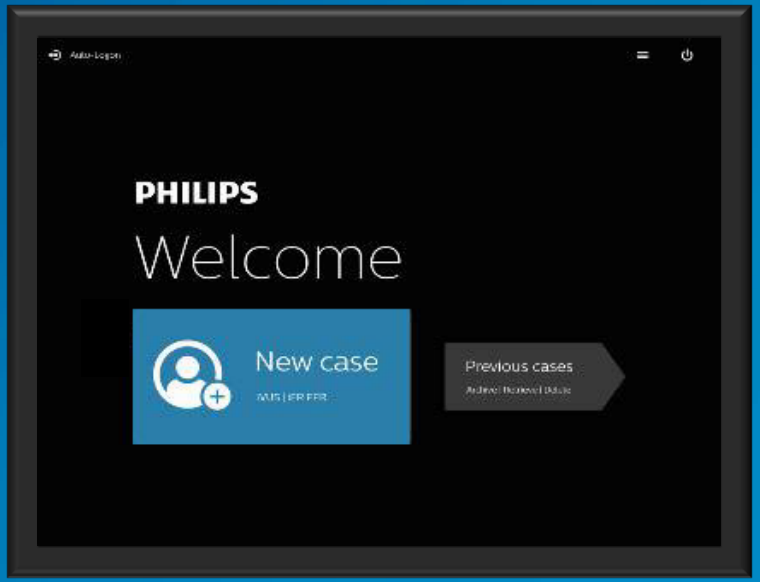
Minimize downtime, maximize first time right fix

Foundational platform architecture for current and future applications

Scalable software *and* hardware to meet the evolving needs of your lab

Intuitive redesign

- Modern & simple interface
- Fast to learn & easy to use.



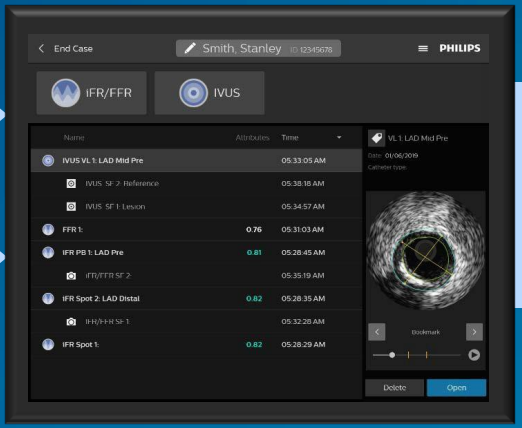
Seamless integration of data across modalities

Import patient data **once** & share seamlessly across all modalities

Azurion & Allura directly

DICOM worklist

A Single Case Menu for Both IVUS and Physiology



Flexibility in exporting case data

Saved frames

- Export of saved frames to **USB** or **printer***
- Anonymization for HIPAA compliant presentation

Archive Cases

- Archive DICOM cases to **PACS** or **DVD/BluRay**
- Archive multiple procedures at one time to the same destination

Seamless integration of patient data with Azurion and Allura Systems

- Import directly to IntraSight
- Increase efficiency
- Reduce errors

Optimize training with demo mode

- **Full case simulation on demand**
- **Quickly onboard new users and maintain proficiency**

Best in class technology

Philips IntraSight

Philips' best in class technologies like iFR & digital IVUS are now powered by a state of the art applications based platform.

Only IntraSight offers iFR, the only resting index…

AMERICAN COLLEGE of CARDIOLOGY

Included in both the ACC AUC[1] and the NCDR[2]

The Society for Cardiovascular Angiography and Interventions

SCAI

Designated as **"Definitely Beneficial"** by the SCAI[3]

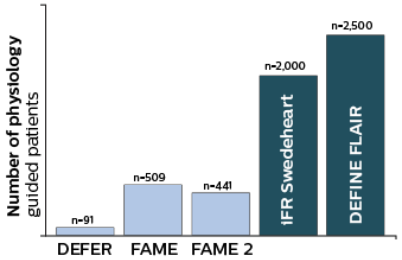
ESC European Society of Cardiology

Included in the ESC guidelines as a Class IA recommendation[4]

1. 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.
2. ACC CathPCI Hospital Registry. https://www.ncdr.com/WebNCDR/cathpci/home/datacollection.
3. 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.
4. 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.

Proven outcomes.[1,2] Superior value.[1,3]

Proven outcomes



- Validated in more than 4,500 patients[1,2]
- Consistent outcomes as with FFR
- 0.89 cut-point backed by data[1,2,4]

Superior value

As compared to FFR

- $896 cost savings per patient[1]
- 10% reduction in proceduretime[1]
- 90% reduction in patient discomfort[1]

1.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

2..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 3.. 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.

4. An iFR cut-point of 0.89 matches best with an FFR ischemic cut-point of 0.80 with a specificity of 87.8% and sensitivity of 73.0%. (From ADVISE II, and iFR Operator's Manual 505-0101.23)

DEFINE PCI results show an opportunity to improve PCI

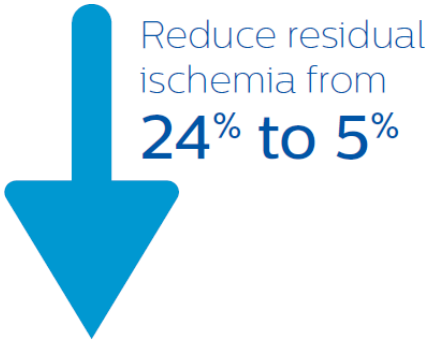
1 in 4 patients leave the cath lab with post-PCI residual ischemia (iFR < 0.90)

"Most patients with impaired post-PCI physiology had residual focal lesions related to or distant from the stented segment that potentially could be further optimized by additional PCI."

If all focal lesions with post-PCI iFR<0.90 were successfully treated with additional PCI, the iFR was modeled to become non-significant

Only 23 of the 467 patients (4.9%) with qualified post-PCI iFR pullbacks would remain ischemic (iFR<0.90)

Results imply a possibility to

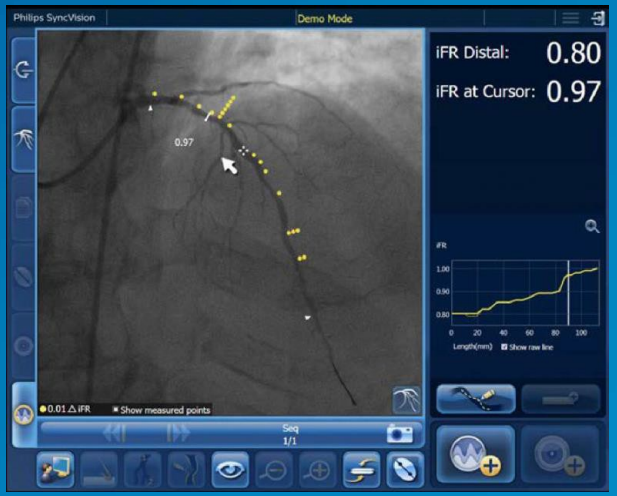


Jeremias A. et al. Blinded physiological assessment of residual ischemia after successful angiographic percutaneous coronary intervention: The DEFINE PCI study. Presented at ACC 2019 as part of the late breaking sessions.

Optimize PCI with iFR co-registration

Easily identify and treat the regions causing ischemia with iFR co-registration.

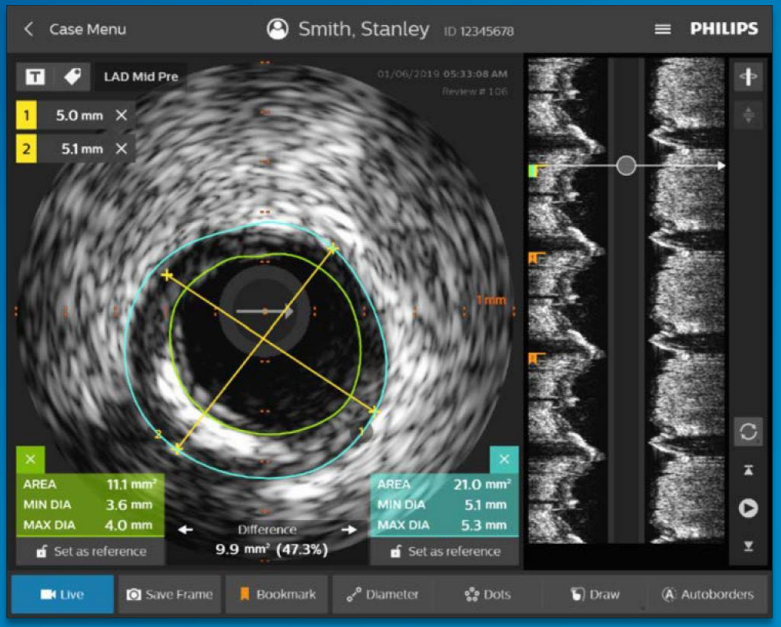
Before a stent is even placed, use virtual stenting to ensure your treatment maximizes physiologic gain.



Only IntraSight offers plug-and-play IVUS

Ultimate ease of use with digital IVUS

Maximum choice with the broadest portfolio of IVUS catheters.

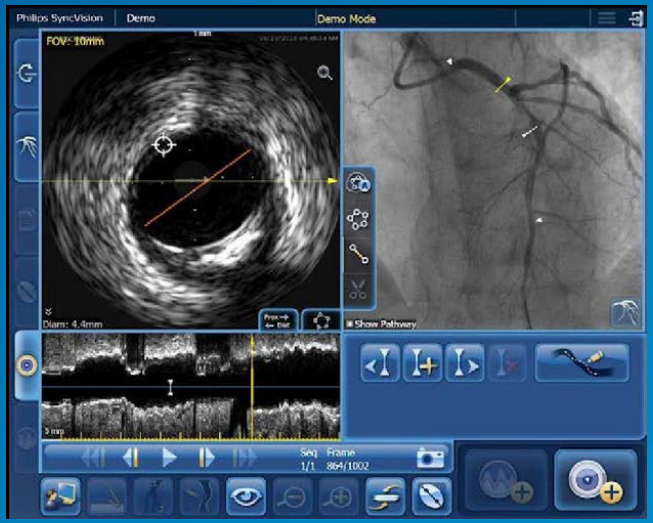


See clearly & treat optimally with IVUS co-registration

Map the 3D vessel anatomy to the angiogram to understand precisely where the disease begins and ends.

Appropriately size the stent diameter, length, and placement for improved outcomes.

Combine with iFR for Tri-registration and get the complete picture.



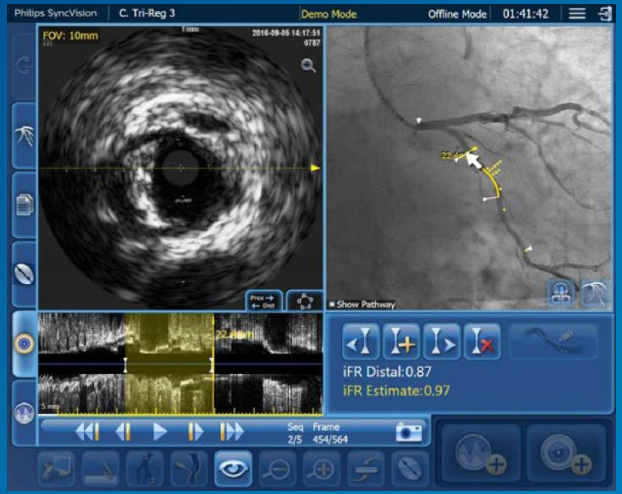
Also new within the IntraSight Ecosystem

SyncVision 4.2

- Compatible with IntraSight
- Significant usability upgrades
- Automatic co-registrations

New Automatic IVUS Co-Registration workflow

- IVUS co-registration is now hands-free like iFR
  - Same workflow for both modalities



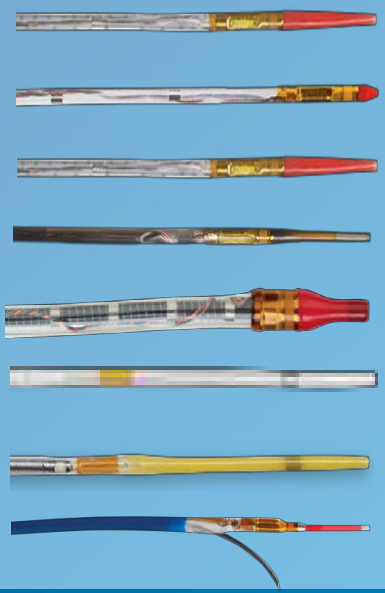
pullback under fluoro

angiogram

co-registration complete

Compatible with the complete line of current & future Philips catheters and pressure wires

IVUS Catheters



Eagle Eye Platinum
0.014” Guide Wire Compatible

Eagle Eye Platinum ST
0.014” Guide Wire Compatible

PV 014
0.014” Guide WireCompatible

PV 018
0.018” Guide Wire Compatible

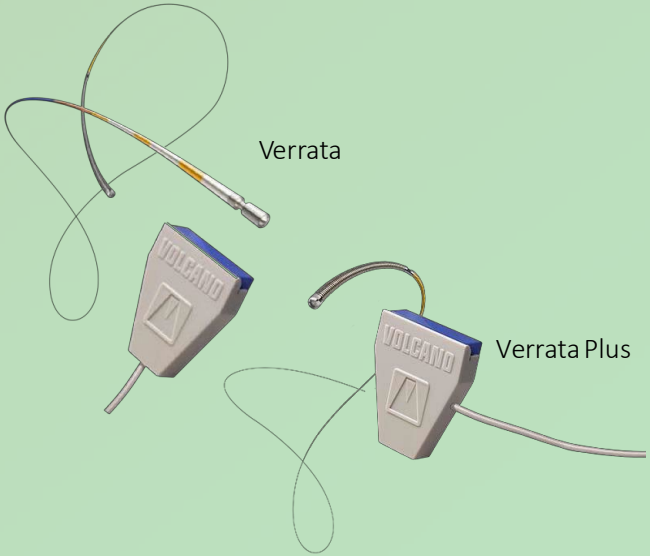
PV 035
0.035” Guide Wire Compatible

Revolution
0.014” Guide Wire Compatible

Refinity
0.014” Guide Wire Compatible

Pioneer Plus
0.035” Guide Wire Compatible

Pressure Wires



IntraSight Configurations: 3, **5 and 7**

SYSTEM/FEATURE	IntraSight 3	IntraSight 5	IntraSight 7
IntraSight interventional applicationsplatform (Includes IntraSight CPU with Windows 10 OS, 19" monitor kit, mouse & keyboard, cablingkit)	✓	✓	✓
Imaging (IVUS) License (Includes Digital, Rotational, and ChromaFloIVUS)	✓	✓	✓
Physiology License (Includes iFR Hyperemia Free Lesion Assessment Modality, FFR Modality)		✓	✓
Touch Screen Module (TSM)	✓	✓	✓
Philips Remote Services	✓	✓	✓
IVUS and iFR co-registration/tri-registration (Includes Syncvision CPU & v 4.2 software, monitor, joystick, mouse & keyboard, cabling kit)			✓
Device Detection			✓
Quantitative coronary analysis			✓
Vessel enhancement			✓

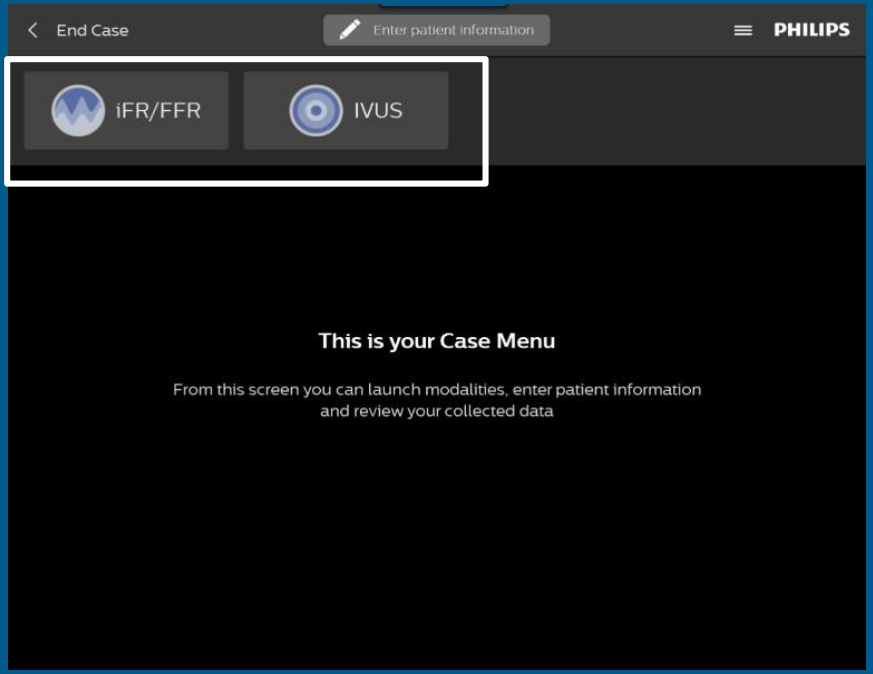
Appendix: Software “Buttonology”

Welcome to IntraSight

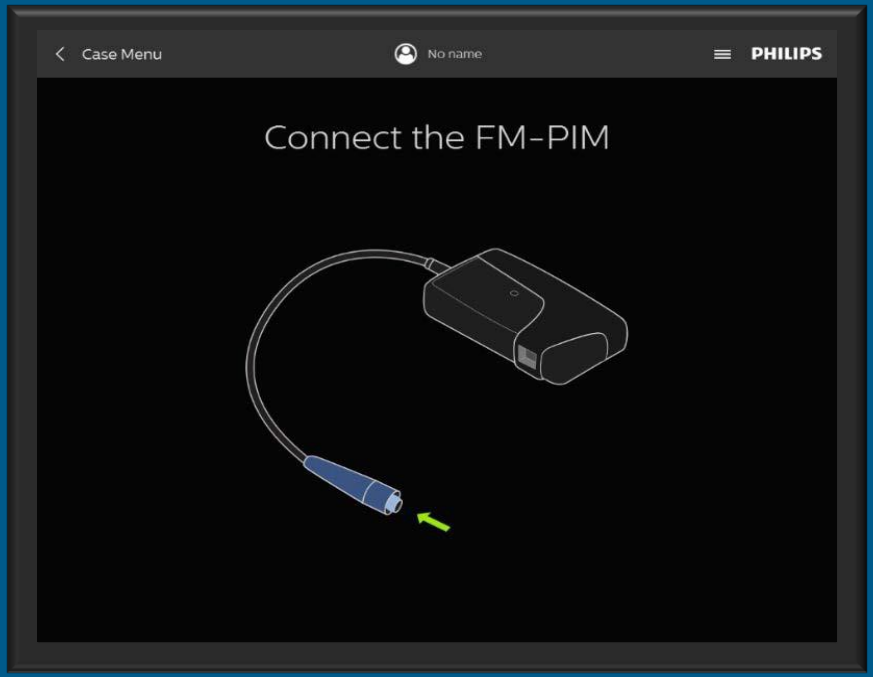
Get started immediately and proceed through cases with a simple and intuitive interface.

Right from the start, users are presented with a simple choice…either start a case, or access previous cases.

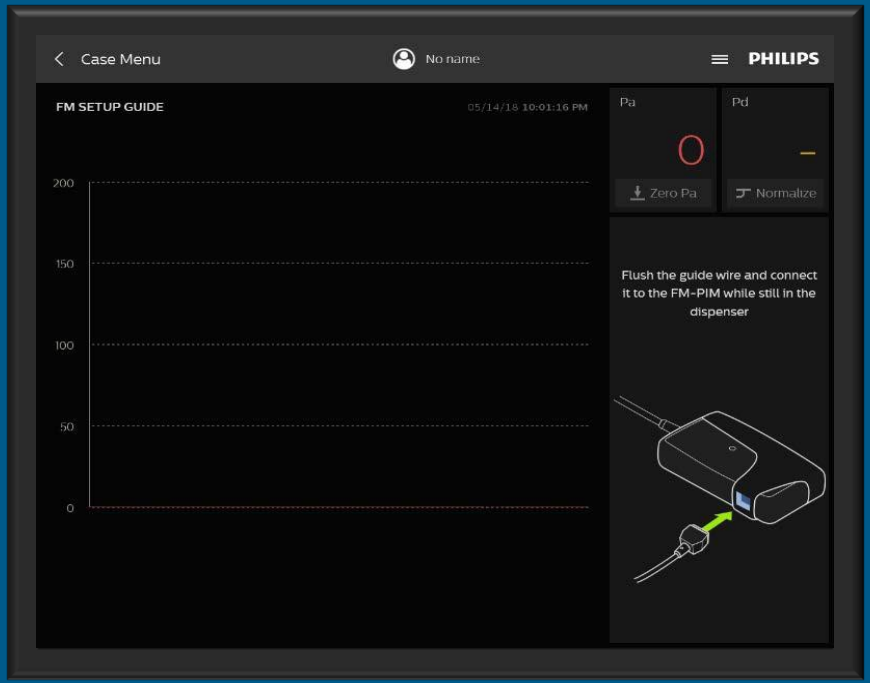
Shared Case Menu



Physiology measurements, in just a few clicks

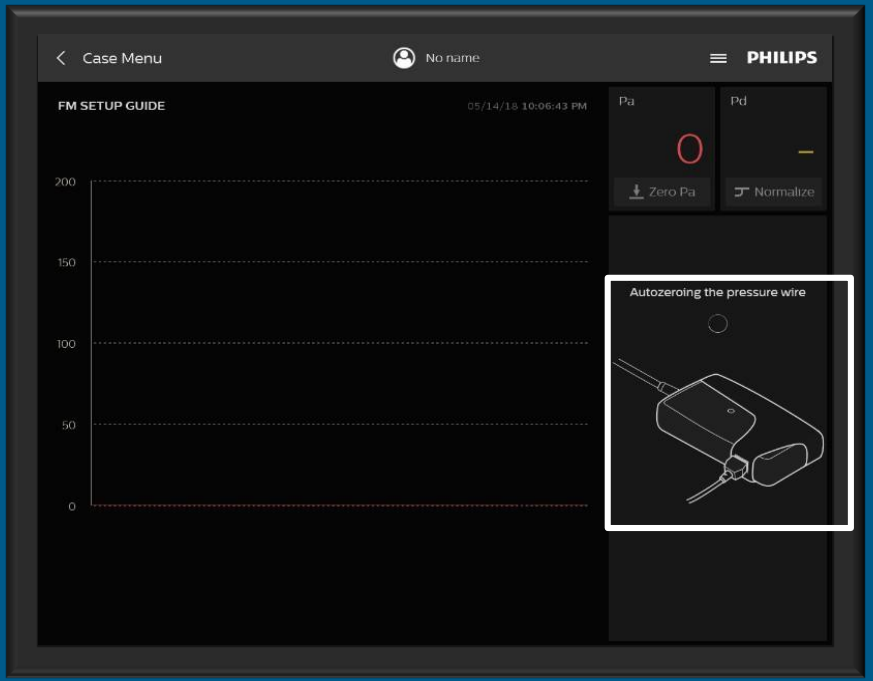


Physiology measurements, in just a few clicks



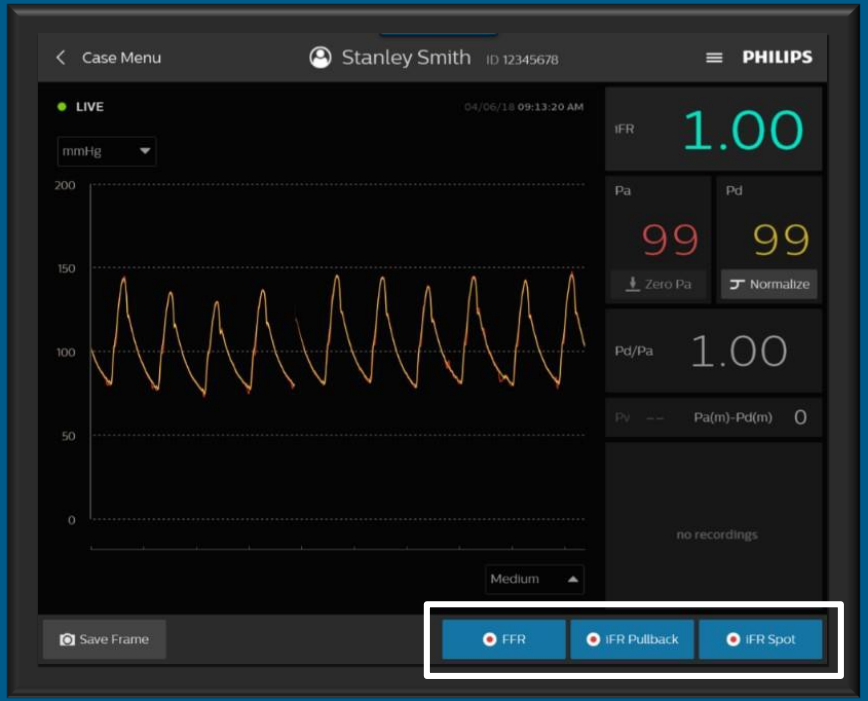
Physiology measurements, in just a few clicks

Physiology measurements, in just a few clicks

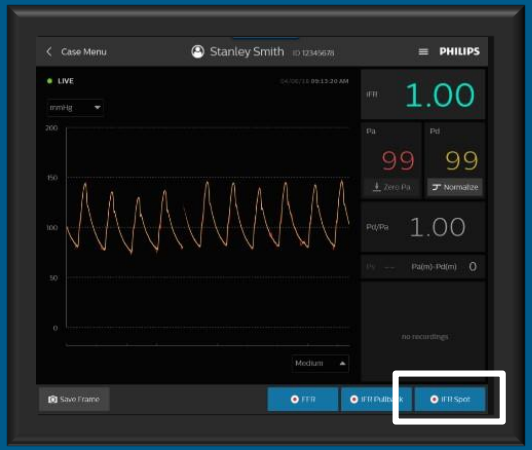


Physiology measurements, in just a few clicks

The blue buttons indicate the likely next step in the workflow



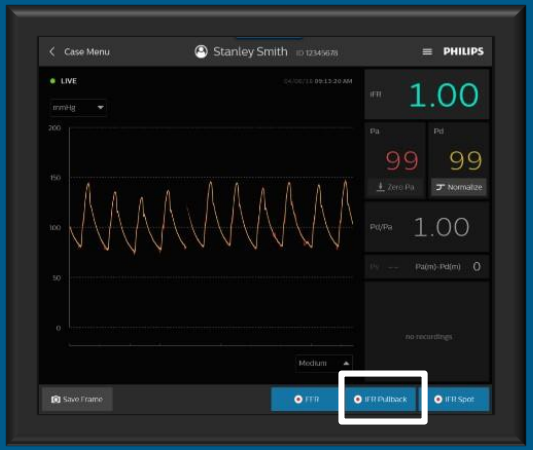
iFR Spot



Select iFR Spot

iFR Spot Results

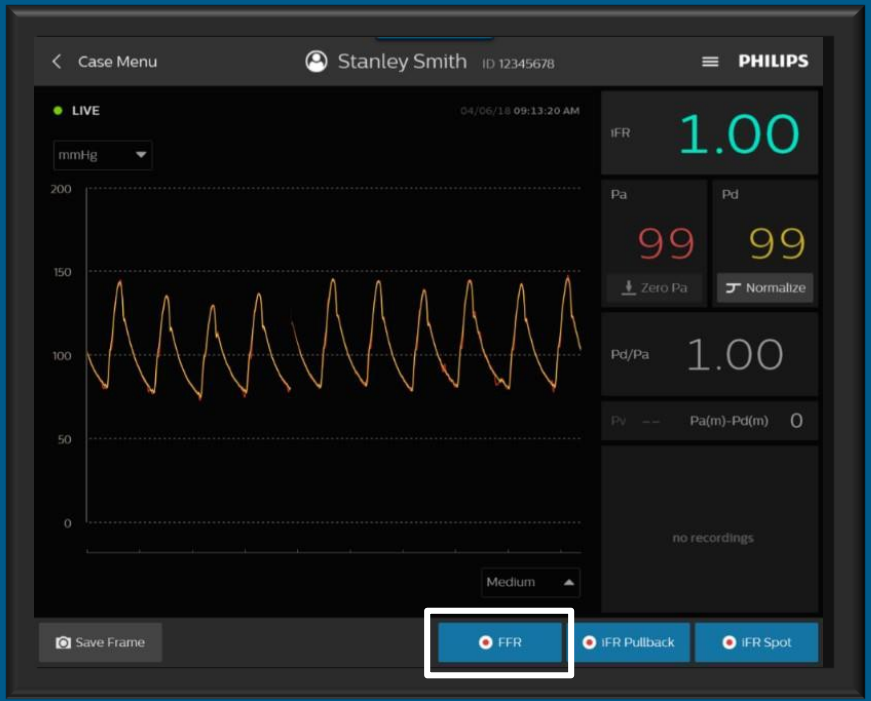
iFR Pullback



Select iFR Pullback

iFR Pullback Results

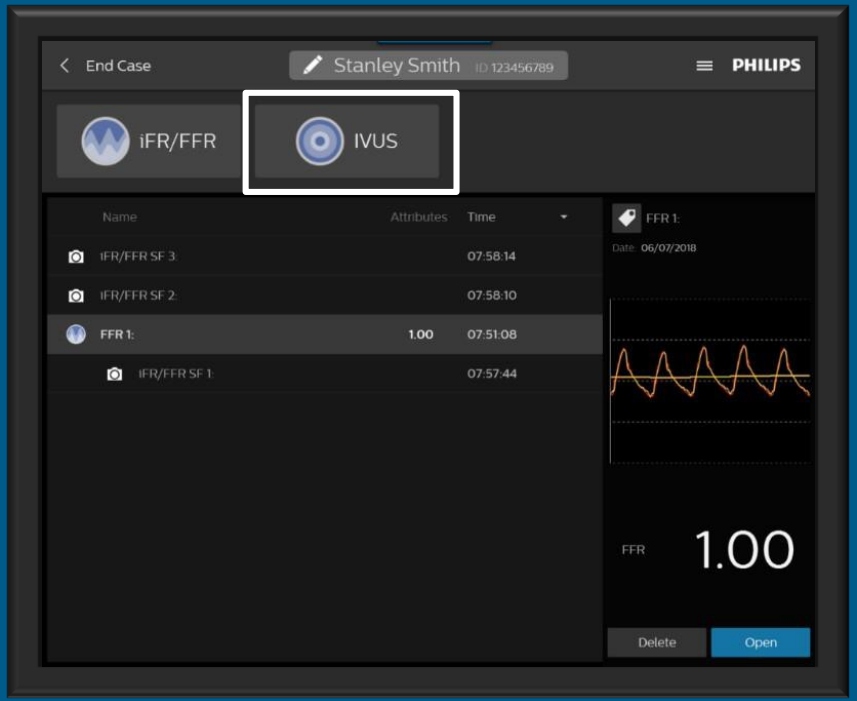
FFR Measurement Workflow



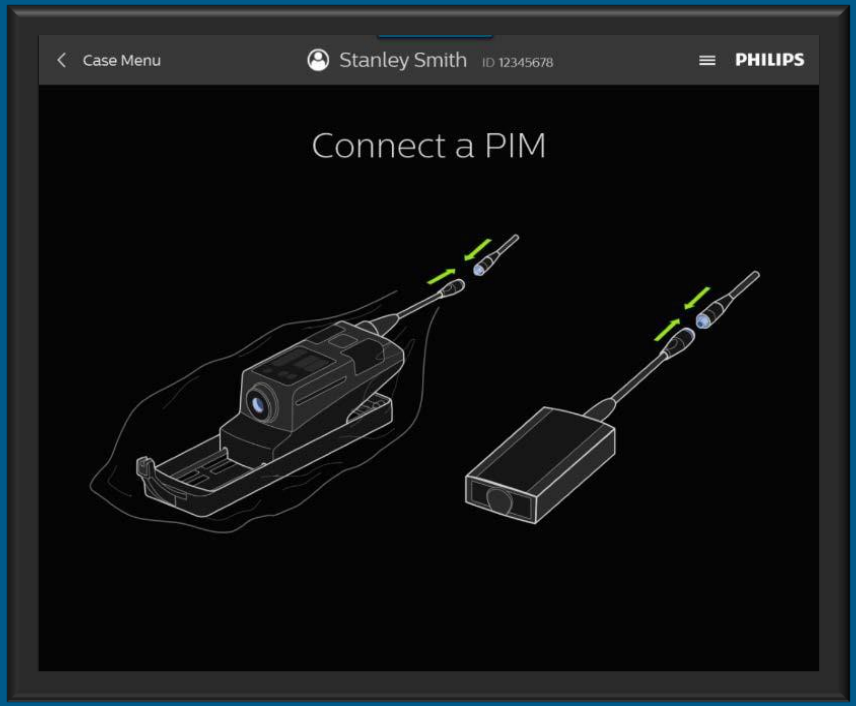
FFR Measurement Workflow

FFR Measurement Workflow

IVUS measurements, in just a few clicks

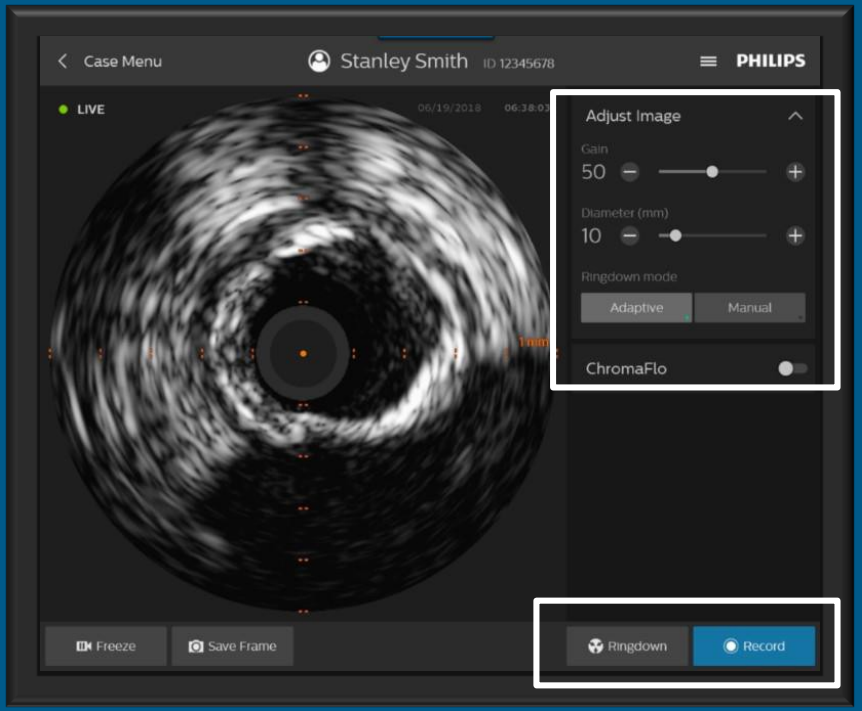


IVUS measurements, in just a few clicks

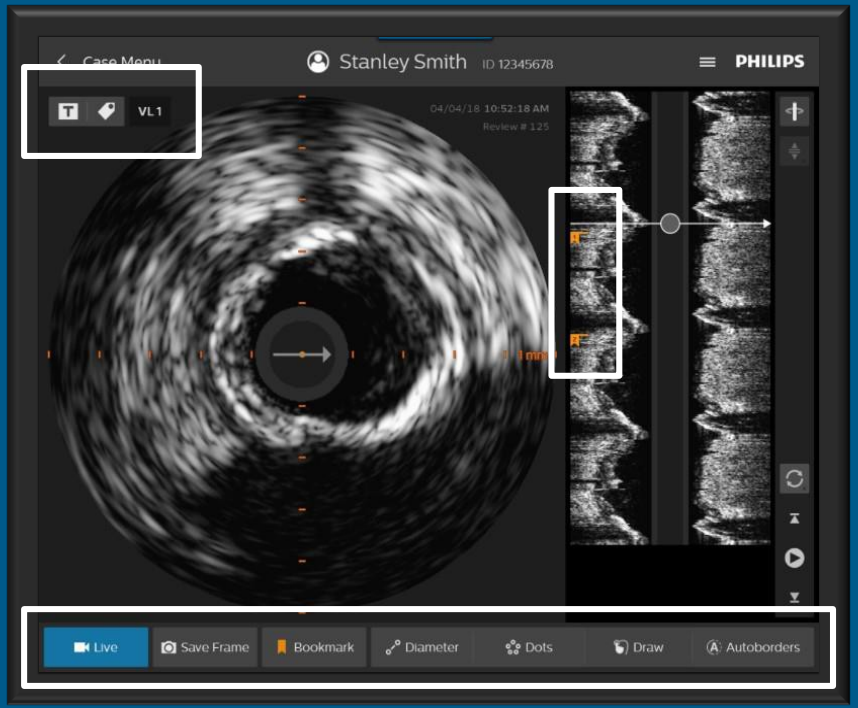


IVUS measurements, in just a few clicks

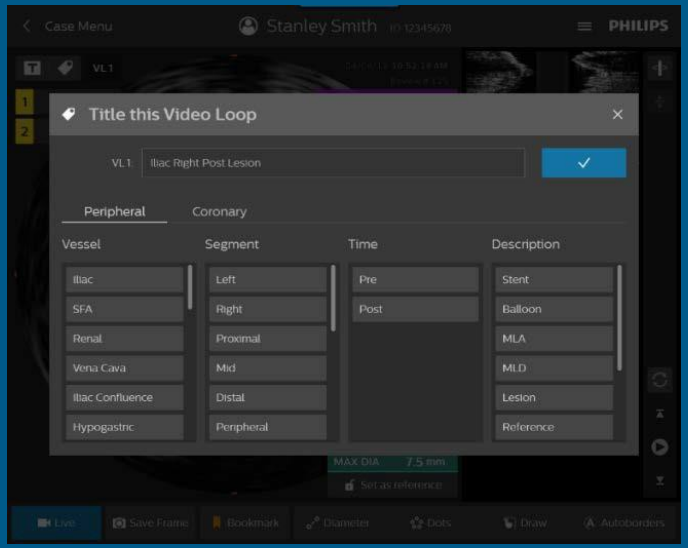
IVUS measurements, in just a few clicks

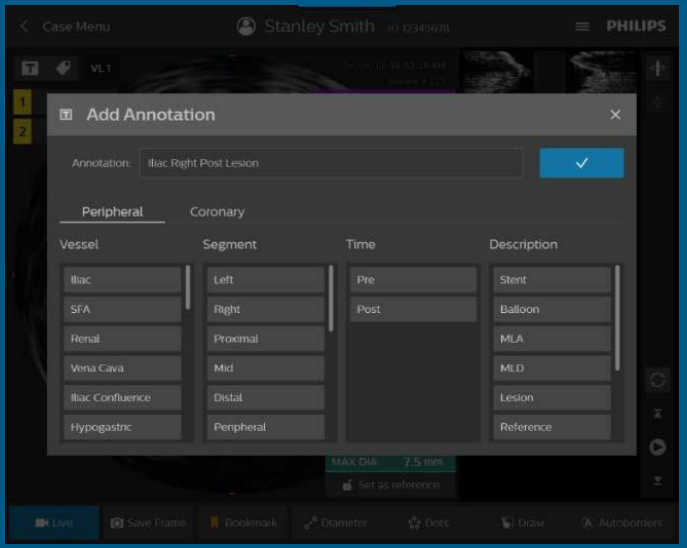


IVUS measurements, in just a few clicks

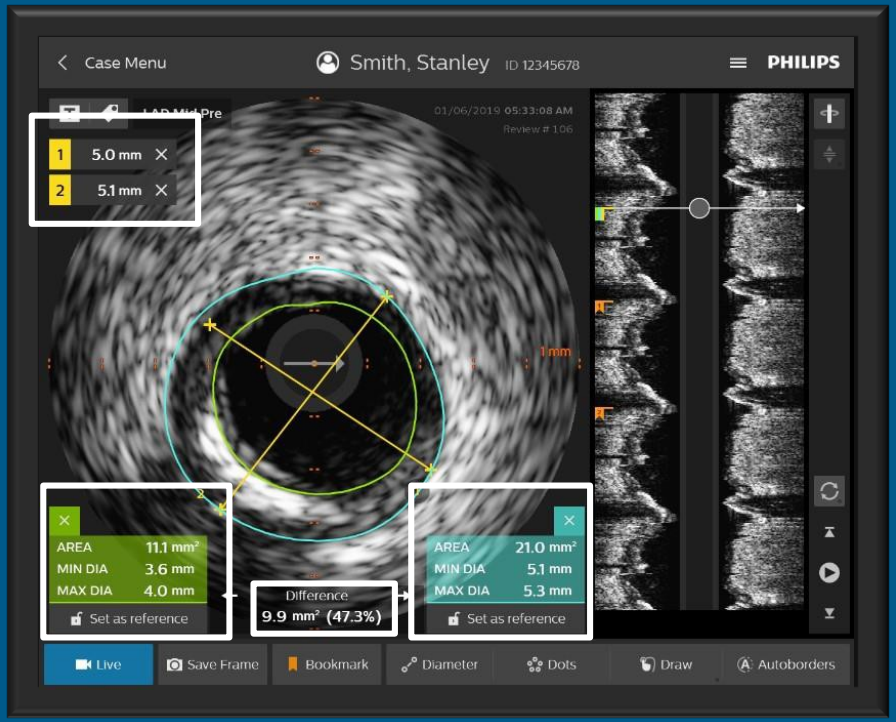


IVUS measurements, in just a few clicks



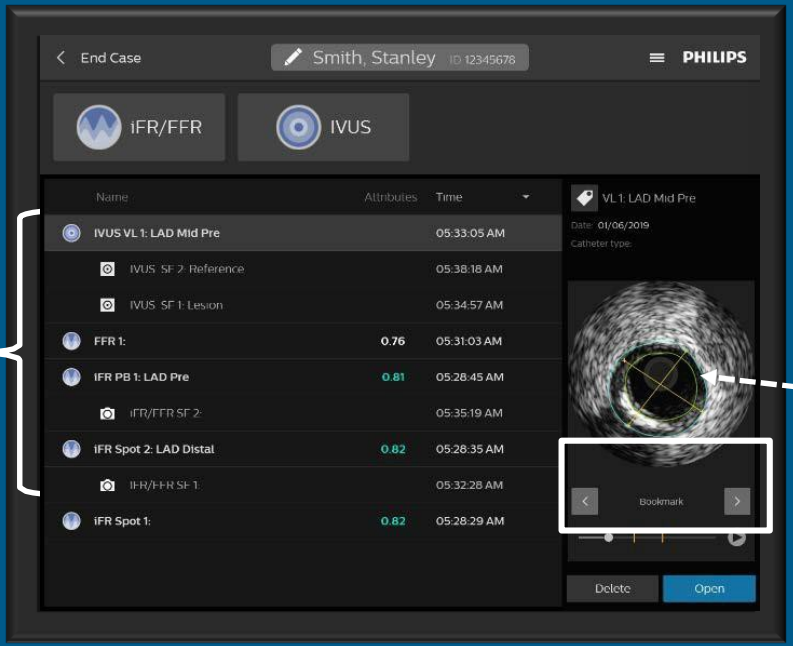


IVUS measurements, in just a few clicks



Sample Populated Case Menu

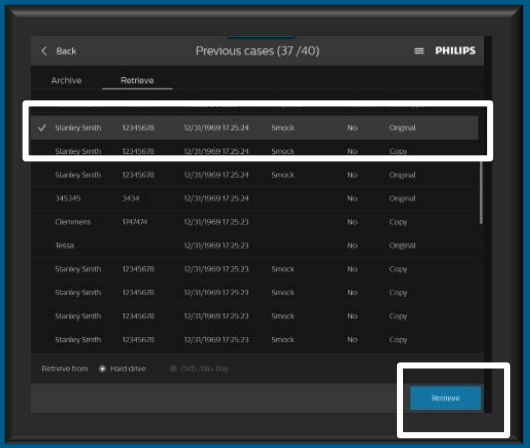
Combined IVUS and Physiology case data all in one place



Video loop playback within the menu for easy recall

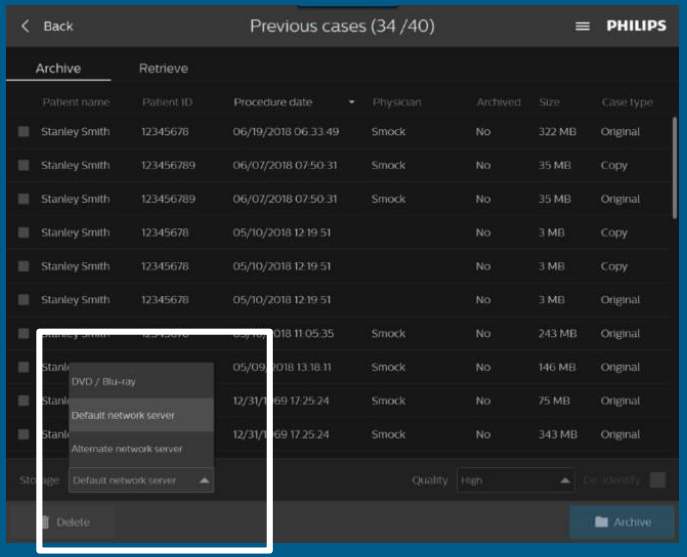
Case Retrieval

Select Retrieve from Welcome Screen

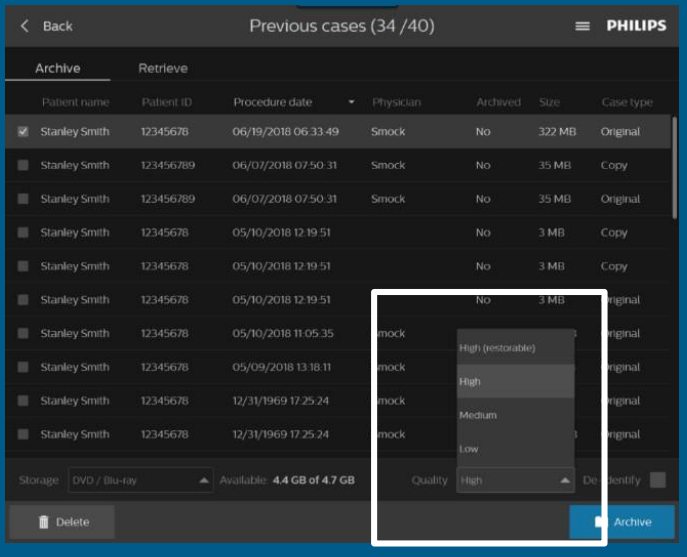


Select Case from list and then Retrieve

Archive & Retrieval

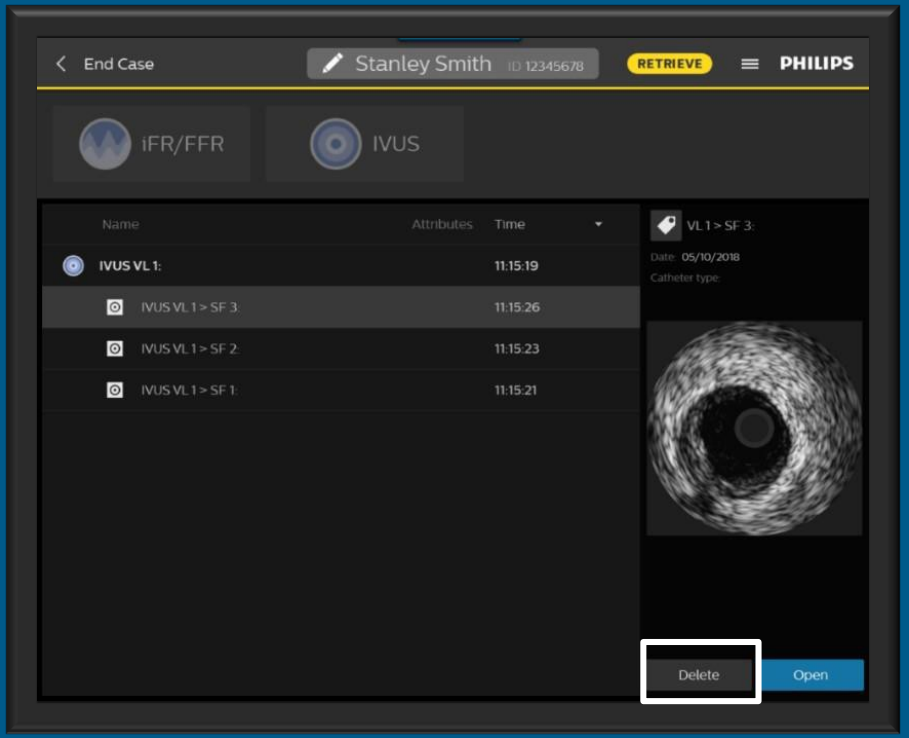


Multiple cases can be archived and deleted at one time to DVD/Blu-Ray or DICOM network



Multiple compression settings

Case Deletion



Select Delete