

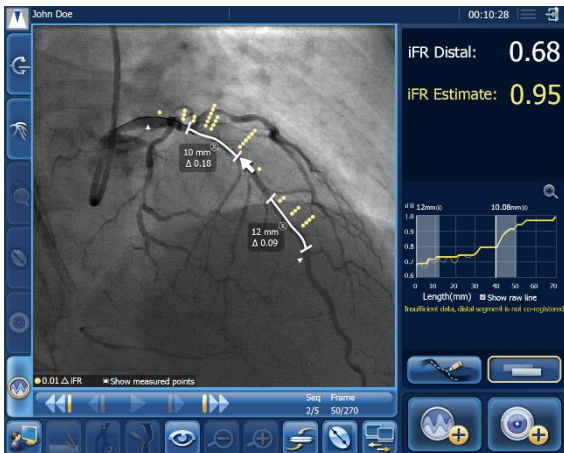
SyncVision / Forma más completa de intervenir una lesión

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Clinical Applications Specialist

SyncVision Functionality

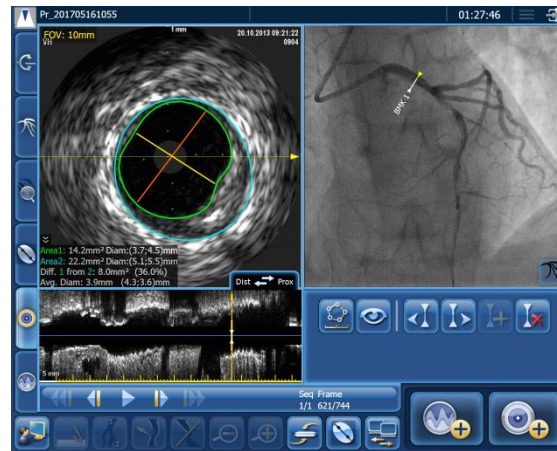
iFR and IVUS Co-Registration and Angiographic Enhancement

iFR Co-Registration



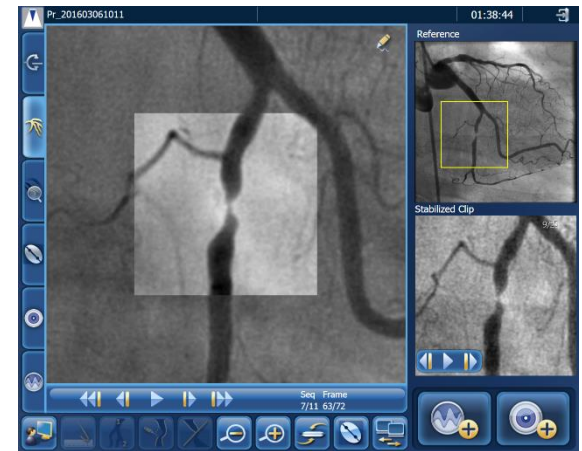
- La caída de IFR se muestra en el angio
- Medicion de longitudes sin necesidad de pullback device
- Estimacion de IFR post-procedimeinto

IVUS Co-Registration



- Localizacion del IVUS con angiografia
- Facil mediciones de longitud/area/diámetro con pullback manual

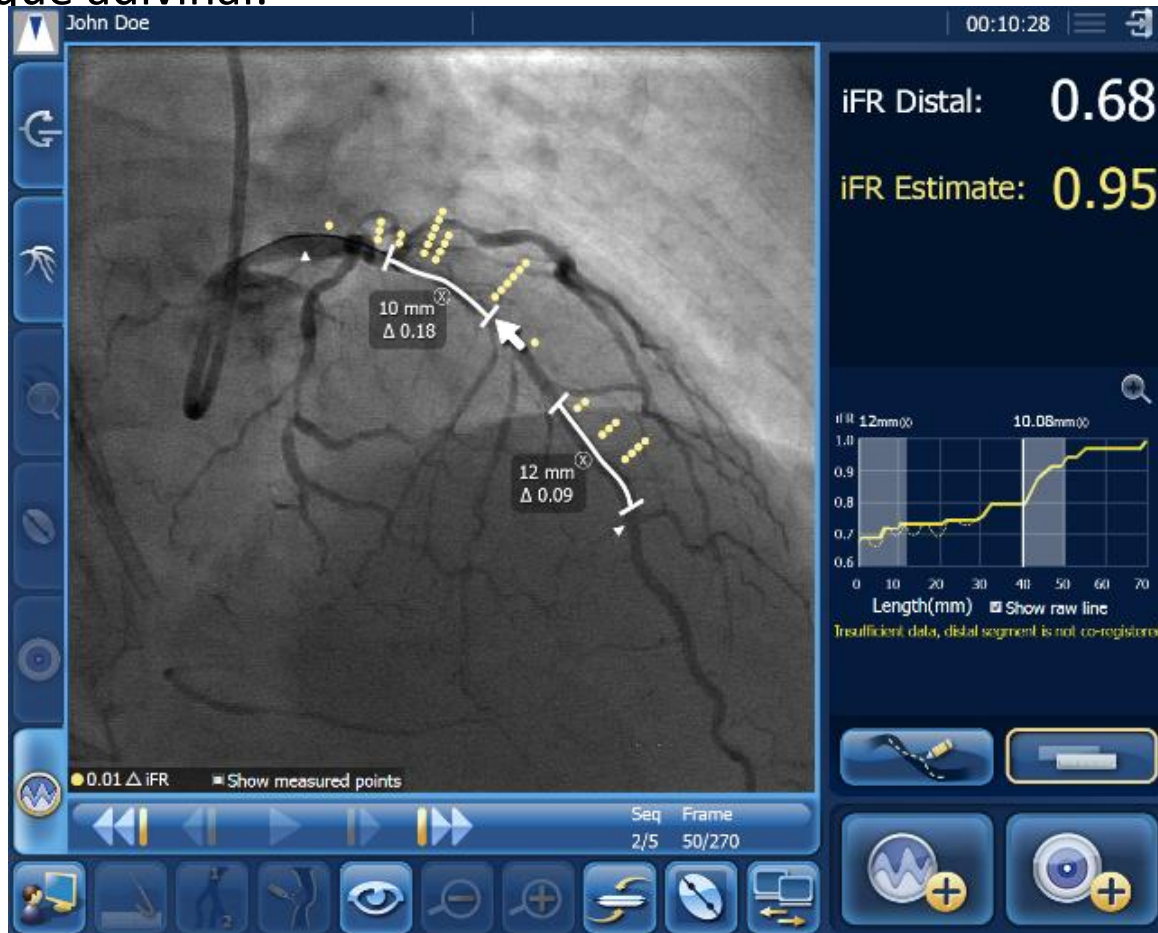
Angio+ Enhanced Angiography



- Mejora la visualizacion del vaso
- QCA
- Deteccion de dispositivos

iFR Co-Registration

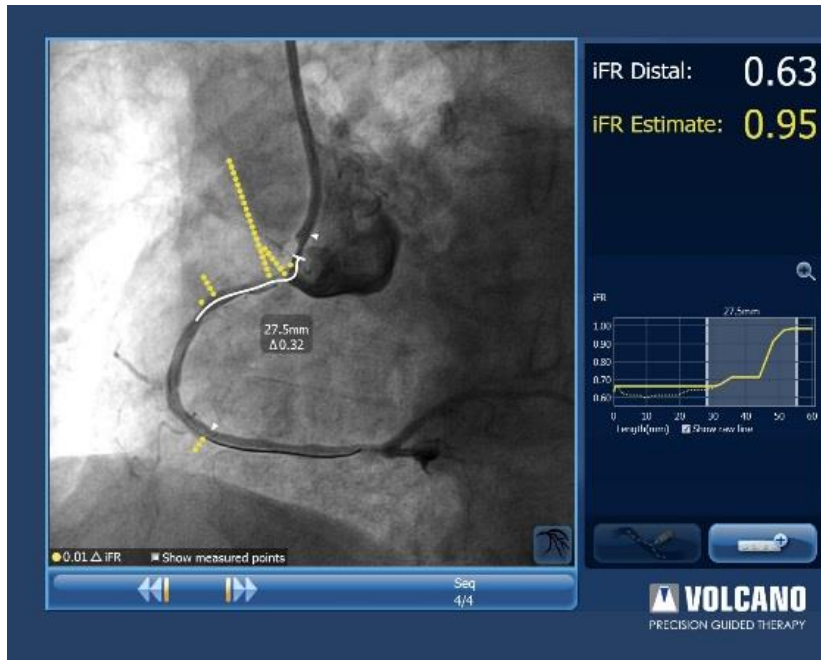
Con el co-registro de iFR no hay necesidad de medicamentos hiperémicos, no se necesitan dispositivos retráctiles que requieren mucho tiempo y no hay que adivinar.



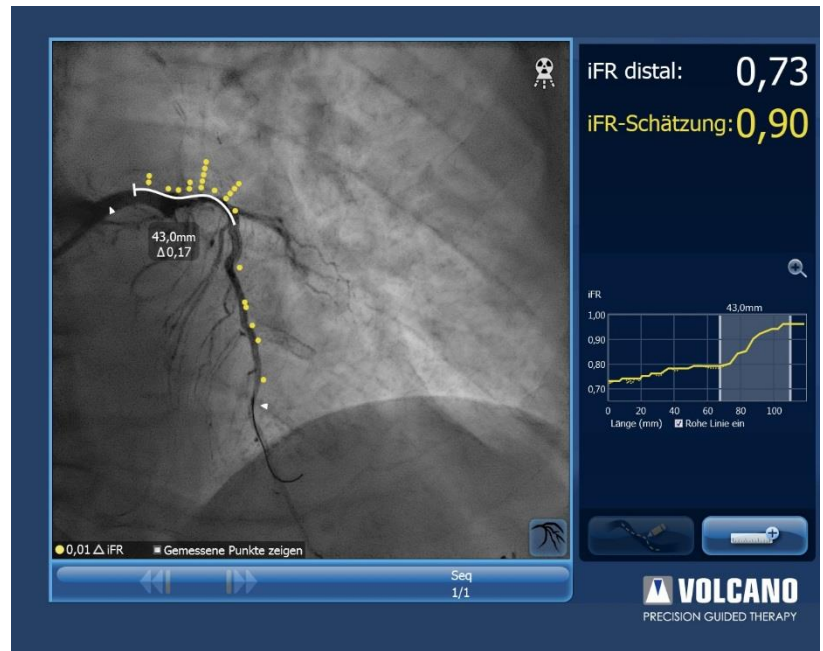
- Realice mediciones de longitud sin un engoroso pullback
- Planifique su procedimiento con orientación fisiológica.
- Estimación del iFR posterior al procedimiento

Understand Focal vs Diffuse Disease

El co-registro de iFR muestra gráficamente la caída de iFR a lo largo del angiograma, destacando qué porción del vaso es isquémica..



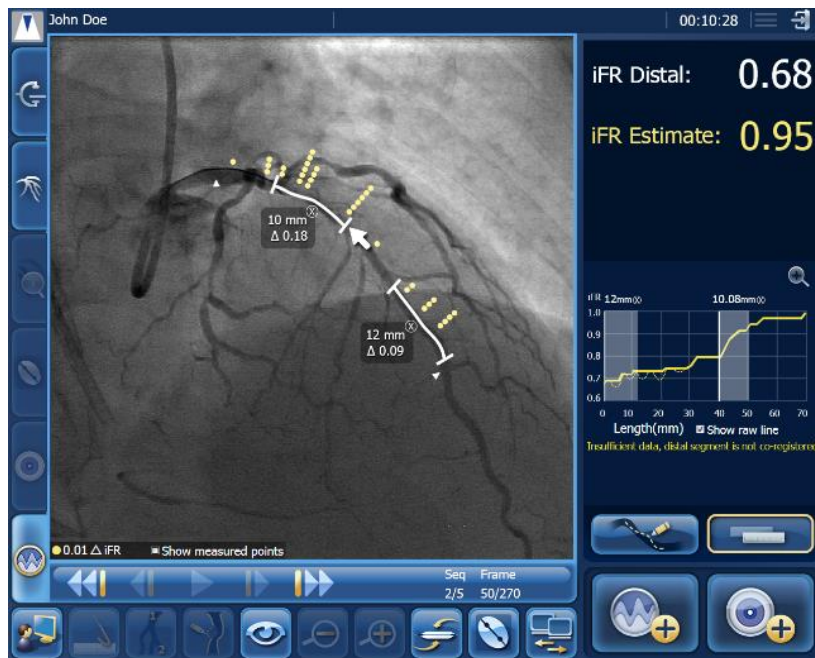
Focal Disease



Diffuse Disease

Make Length Measurements Without a Cumbersome Pull Back Device

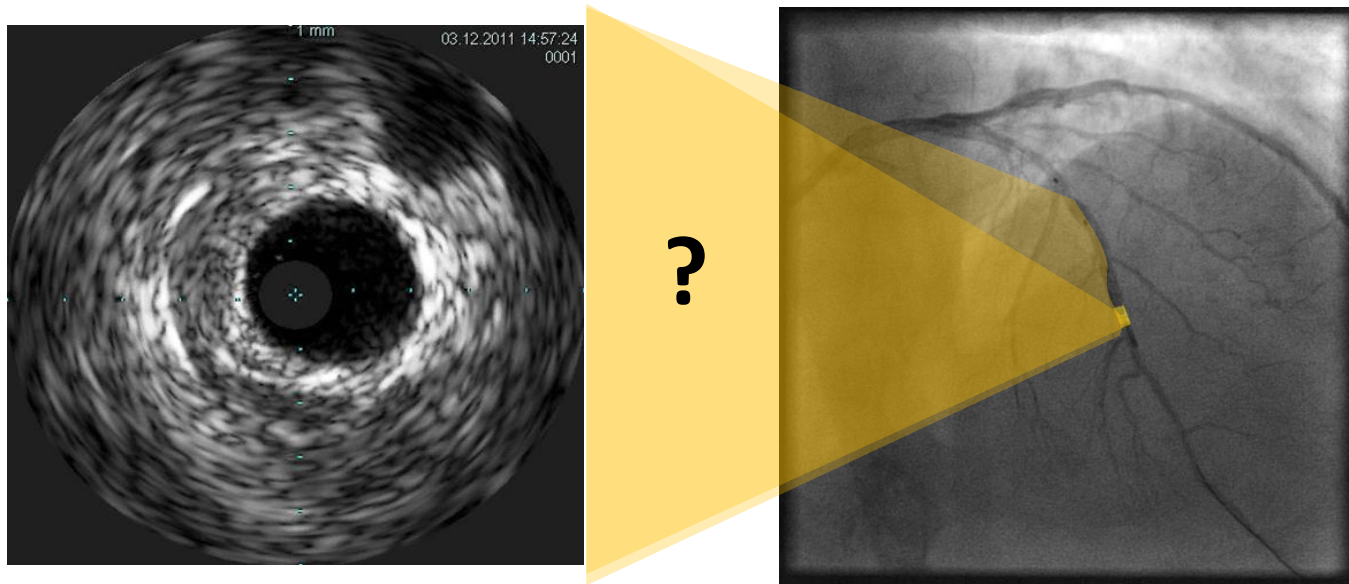
iFR co-registro esta calibrada para la distancia, por lo que con un simple retroceso manual puede realizar mediciones en el angiograma



Click and Drag for multiple length measurements to help with procedural planning

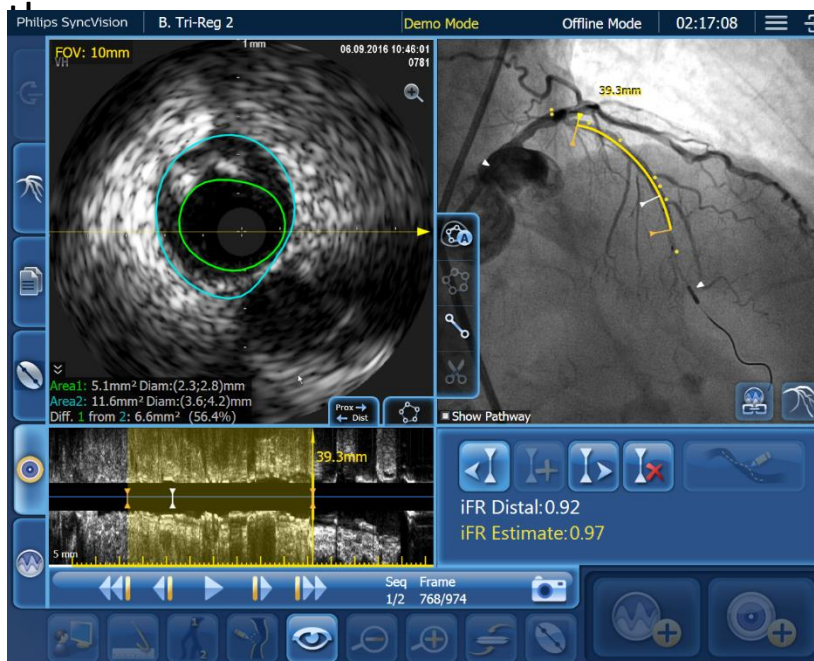
IVUS Co-Registration – Value proposition

The need: Map an IVUS image to a specific location on an angiographic image.



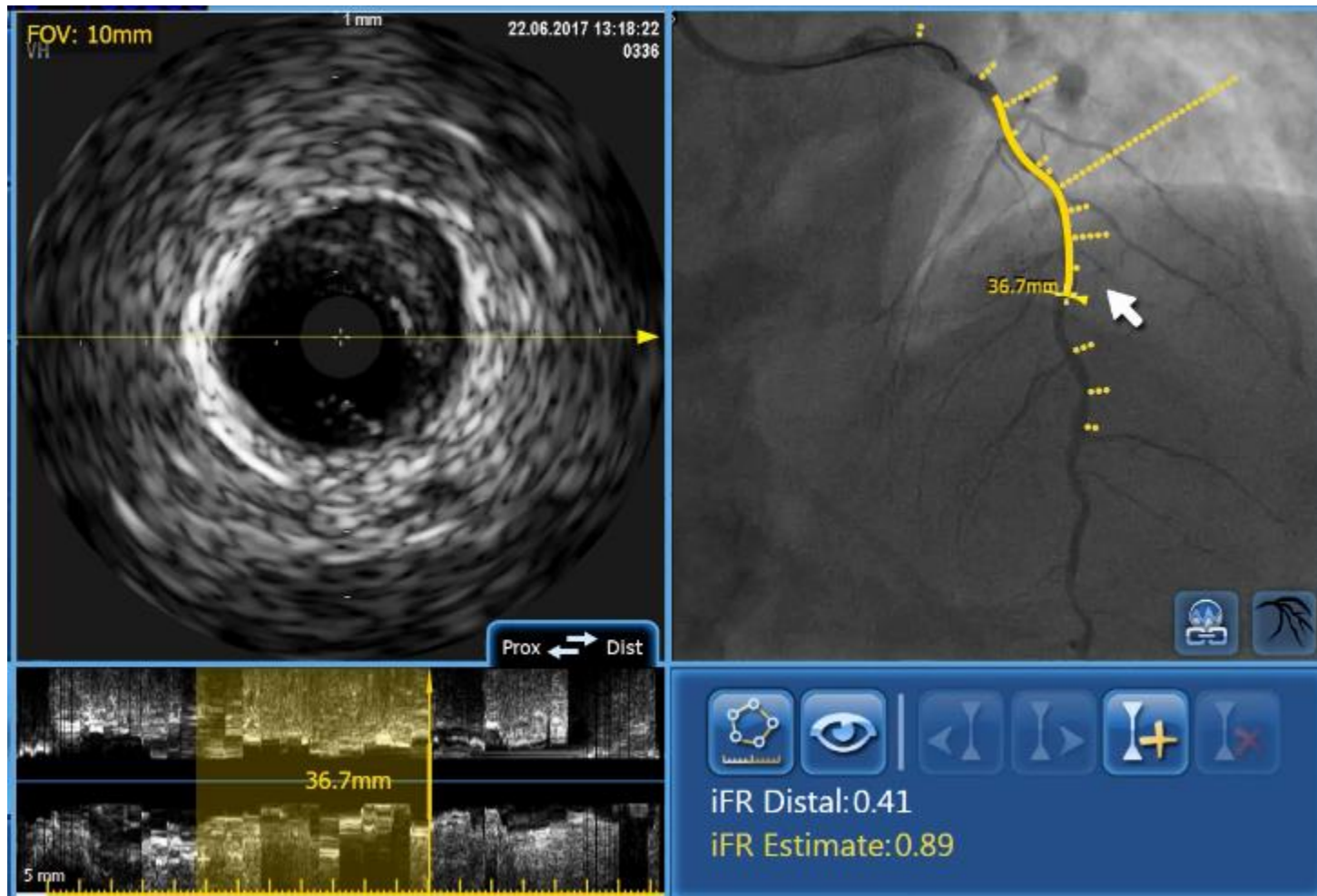
IVUS Co-Registration – Value proposition

The need: Plan the PCI treatment by measuring the healthy shoulders diameters and the length measurement between

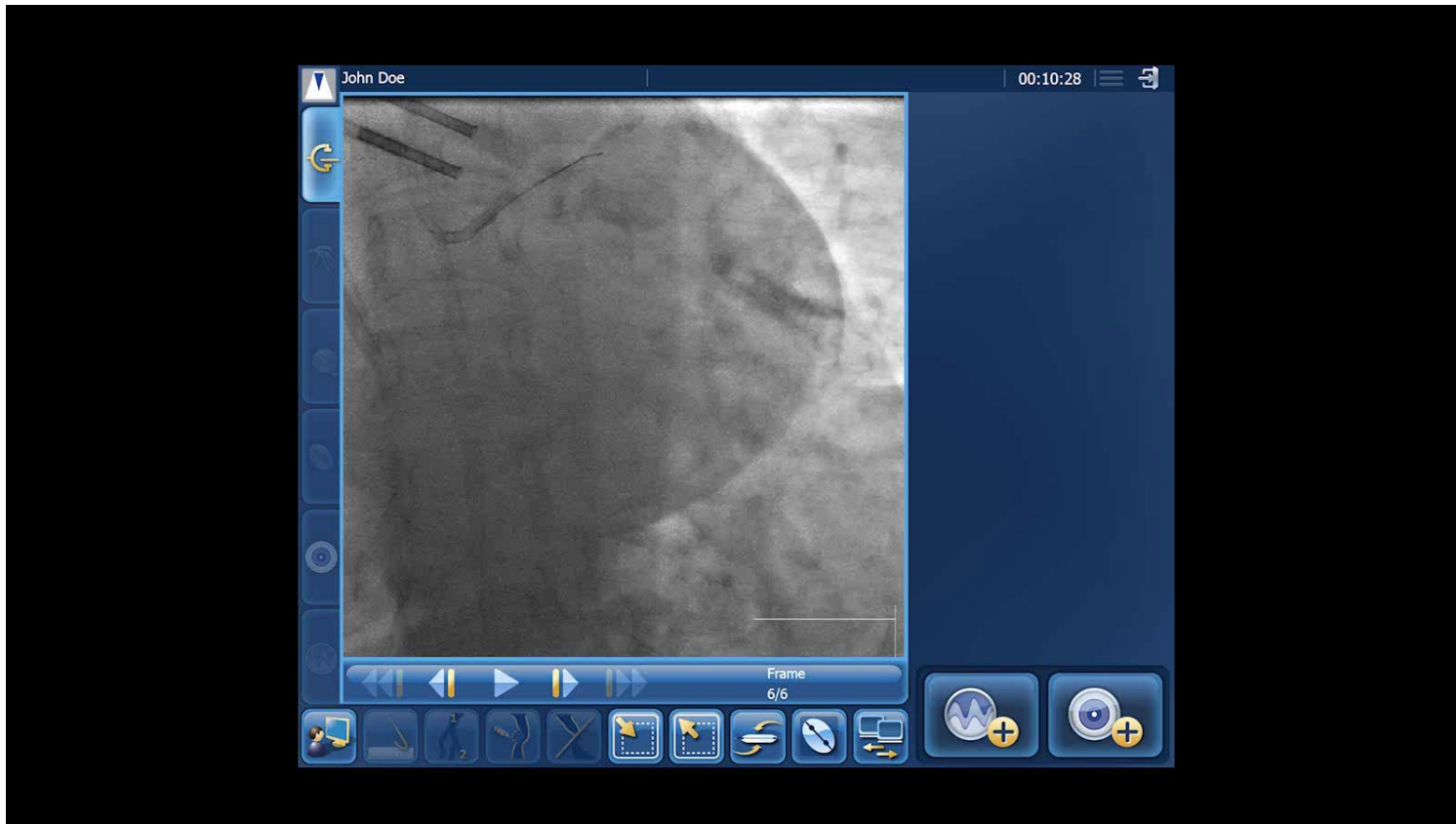


iFR and IVUS Tri-Registration

Obtenga una imagen completa de la fisiología de los vasos y la morfología de las lesiones con iFR e IVUS Tri-registrados con el angiograma

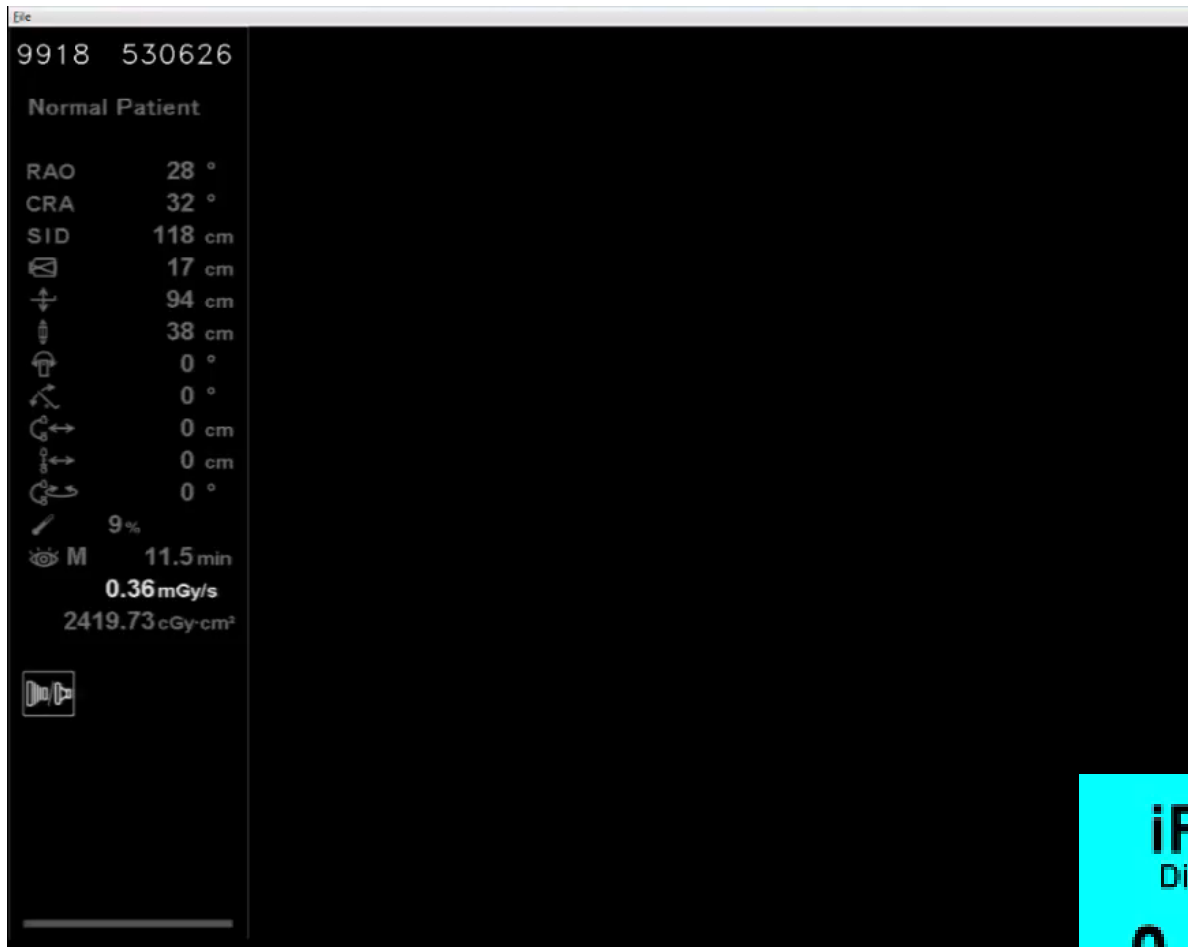


Procedural Planning with iFR Co-Registration



1. Make an angiogram
2. Perform an iFR Pullback
3. Confirm Pathway
4. iFR co-registration is performed automatically, in real-time
5. Make length measurements and treatment decisions

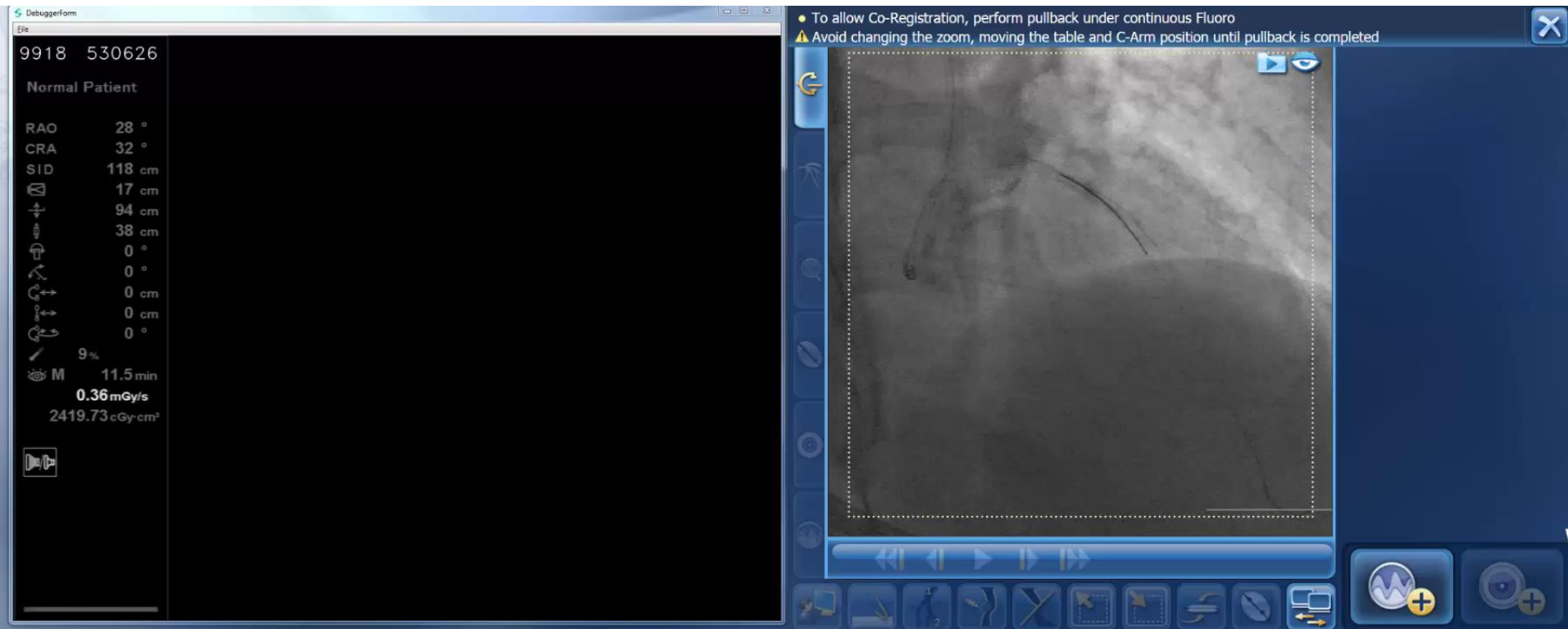
What Would You Do?



Procedural Planning with iFR Co-Registration

X-Ray Screen

SyncVision Screen



1. Make an angiogram
2. Perform an iFR Pullback
3. Select Pathway
4. iFR co-registration is performed automatically, in real-time
5. Make length measurements and treatment decisions

Advanced Angiographic Imaging with Angio+: Confidence in planning and execution of every case



Vessel Enhancement

Angio+ Vessel Enhancement provides clarity visualizing vessels which may include tortuous or overlapping vessels and highly stenosed lesions, potentially reducing the number of required views during diagnosis or therapy



QCA

Angio+ Quantitative Coronary Analysis with one-click quickly automatically calculates lumen dimensions and stenosis in real time

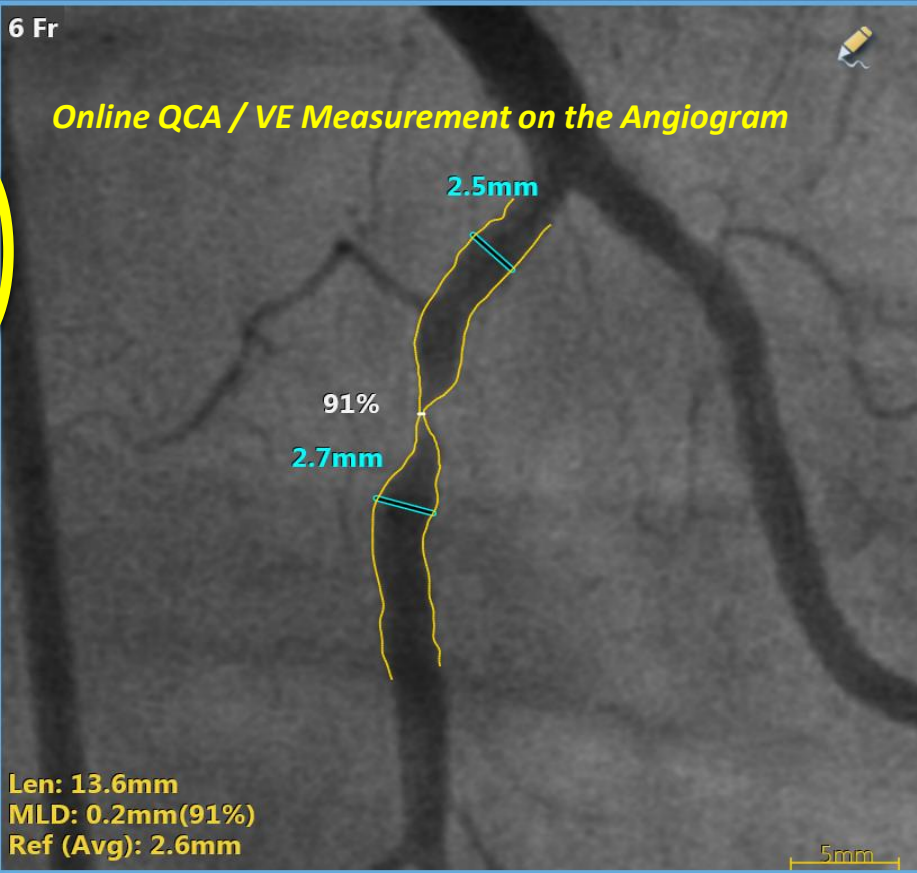


Device Detection

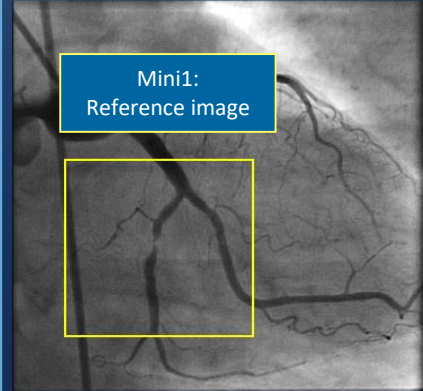
Angio+ real-time Image Stabilization and Device Enhancement enable precise therapy delivery

6 Fr

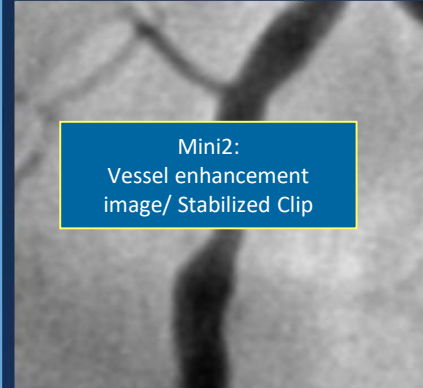
Online QCA / VE Measurement on the Angiogram



Reference



Vessel Enhancement Image



Navigation controls: back, forward, stop, play, sequence frame 1/1 52/78, camera icon

Bottom toolbar with icons for zoom, pan, and other navigation functions

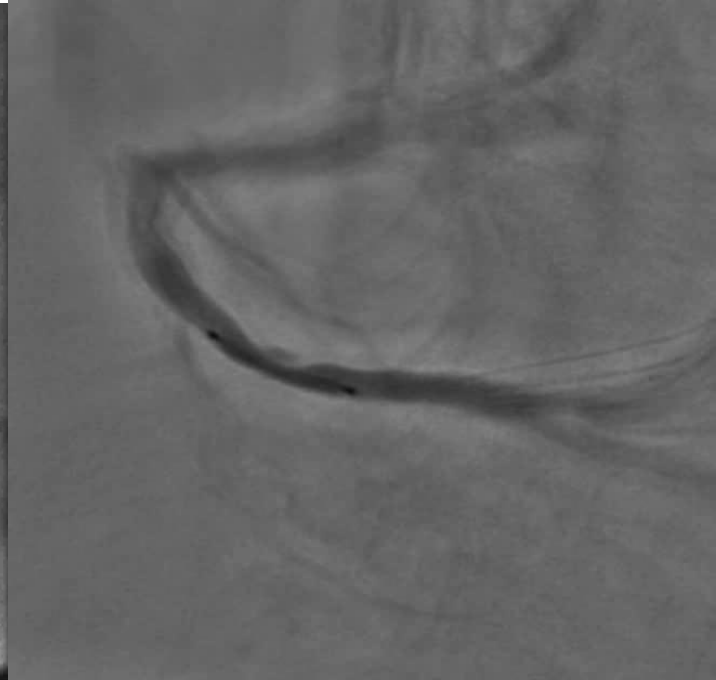
Right sidebar zoom and pan controls with plus signs

On-line Stabilization & Enhancement During Stent Positioning

Regular X-Ray



SyncVision



On-line Stabilization & Enhancement During Stent Positioning Relative to Prior Stent

Regular X-Ray

SyncVision

