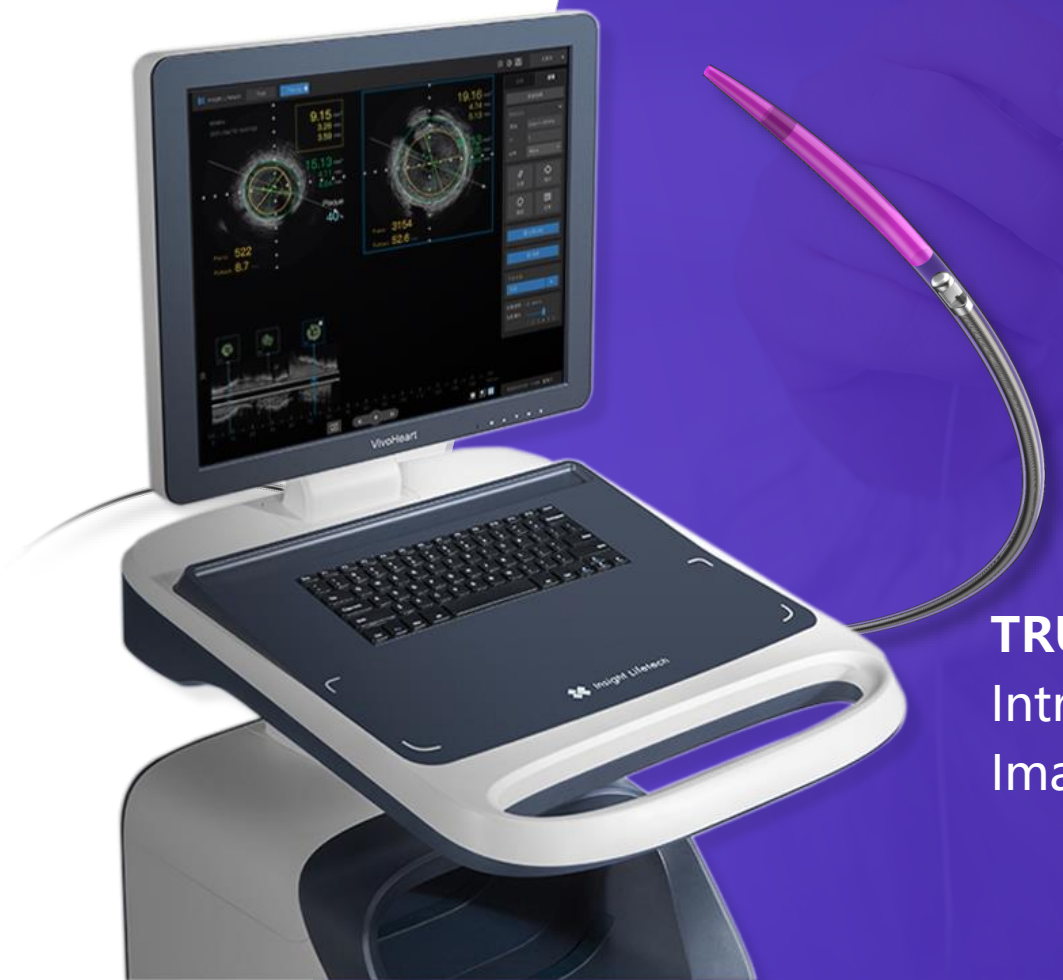
Insight Lifetech

VivoHeart™

Intravascular Ultrasound Console



Faster, Clearer

Insight IVUS product introduction

40 MHz / 60 MHz

High Resolution

100FPS

High speed

High Efficiency

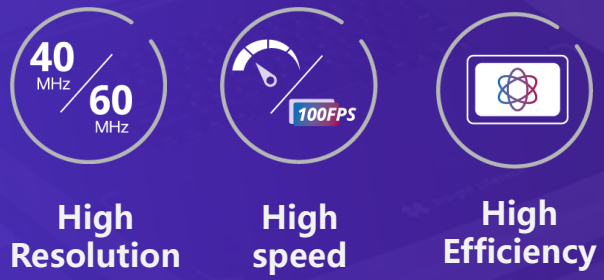
TRUEVISION™

Intravascular Ultrasound Imaging Catheter

Insight Lifetech

CONTENT

IVUS Product Introduction



High Resolution | High speed | High Efficiency

1. Product Introduction
2. Product Comparison
3. Market Presence

System Composition



TRUEVISION® IVUS Imaging Catheter



Pullback Unit



VivoHeart® IVUS Console

TWO FRENQUENCY OPTIONS



60MHz

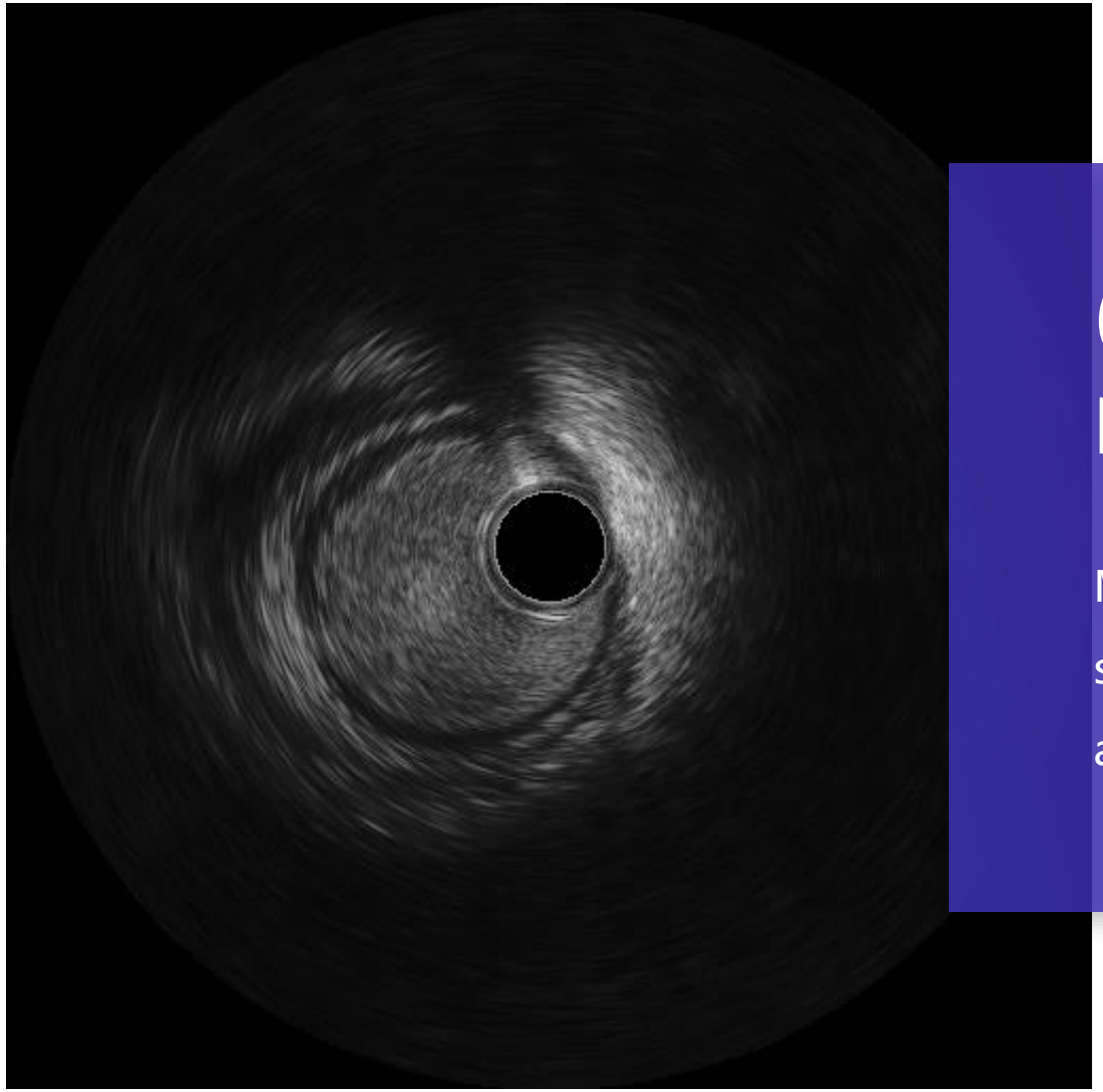
More detailed image for identifying tiny structures



40MHz

Better penetration with less image noise

TRUEVISION



60MHz
High Resolution Image

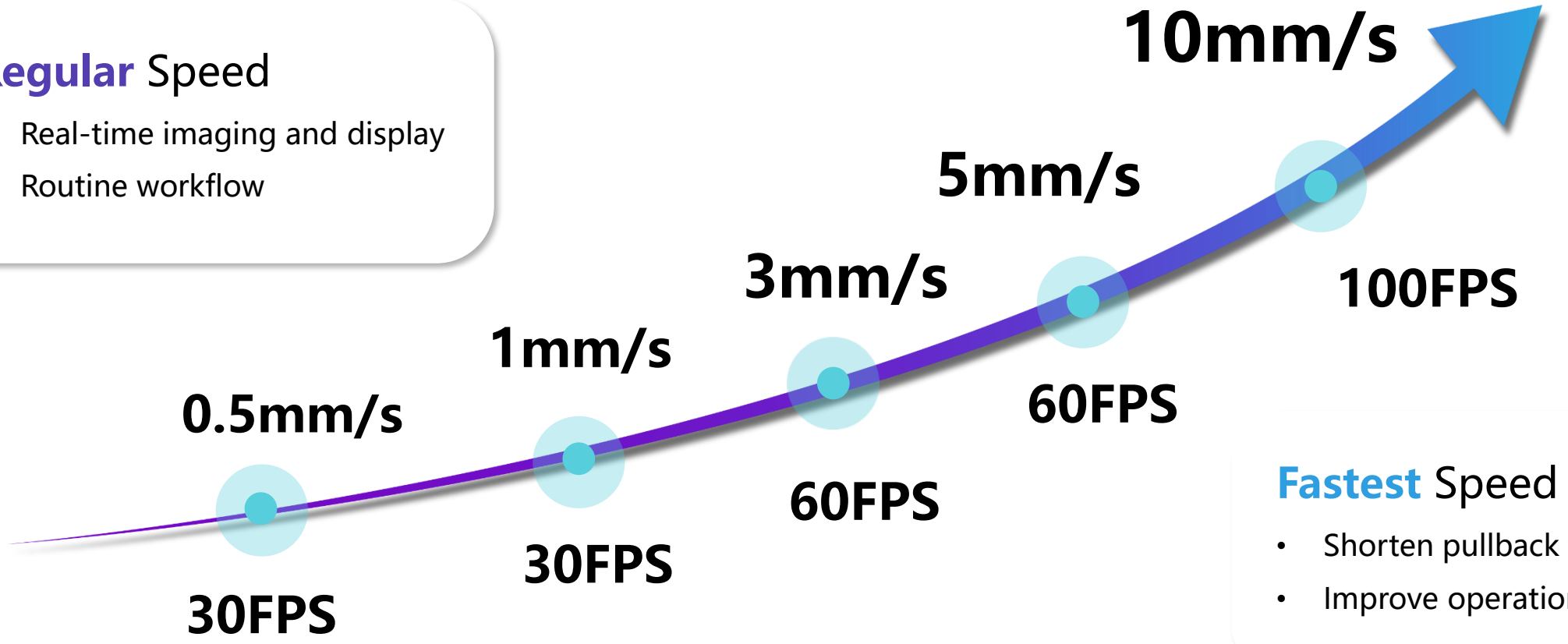
More detailed and clear image quality, showing more details of tiny structures and lesions

TRUEVISION

Five PULLBACK SPEED

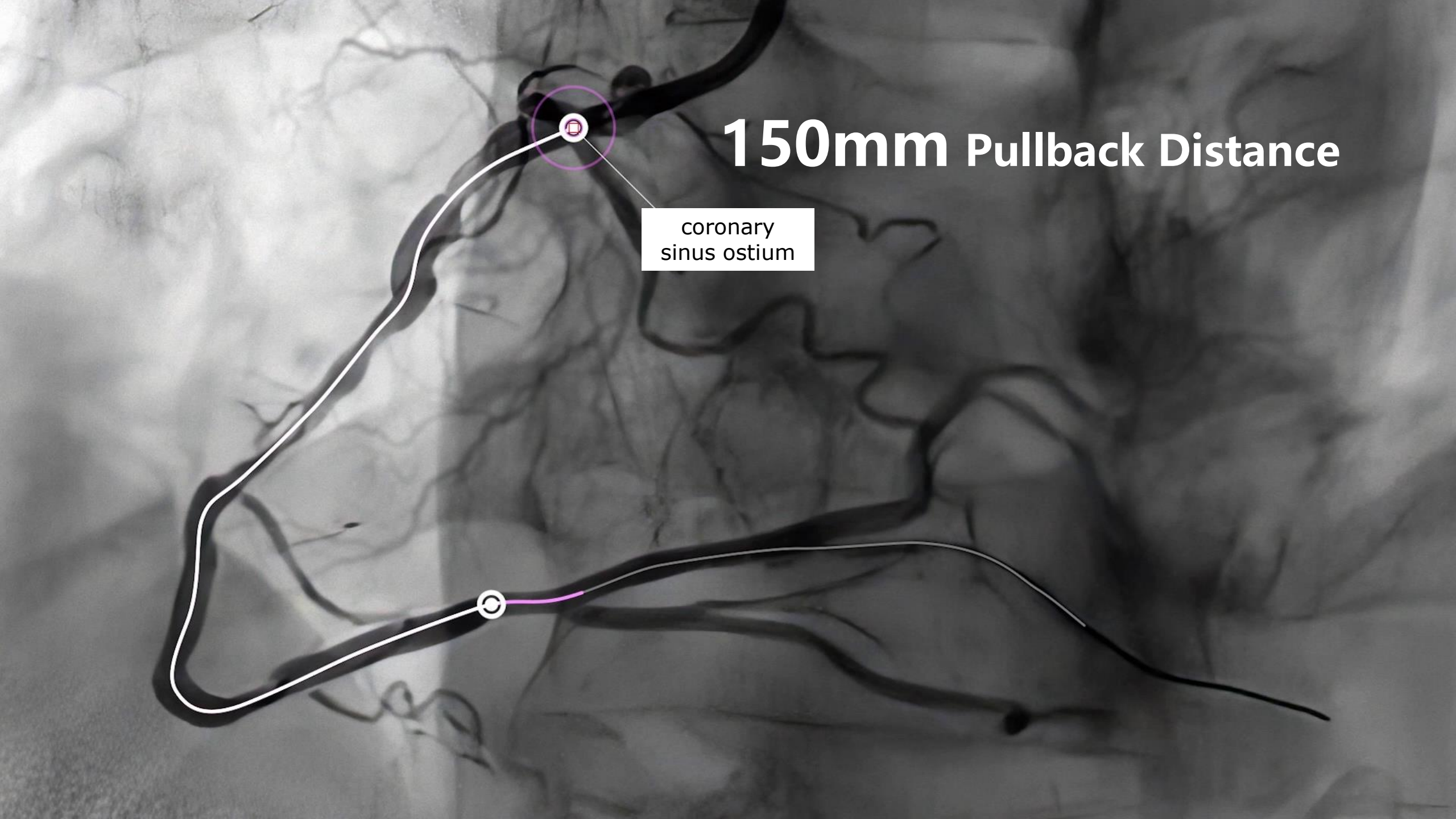
Regular Speed

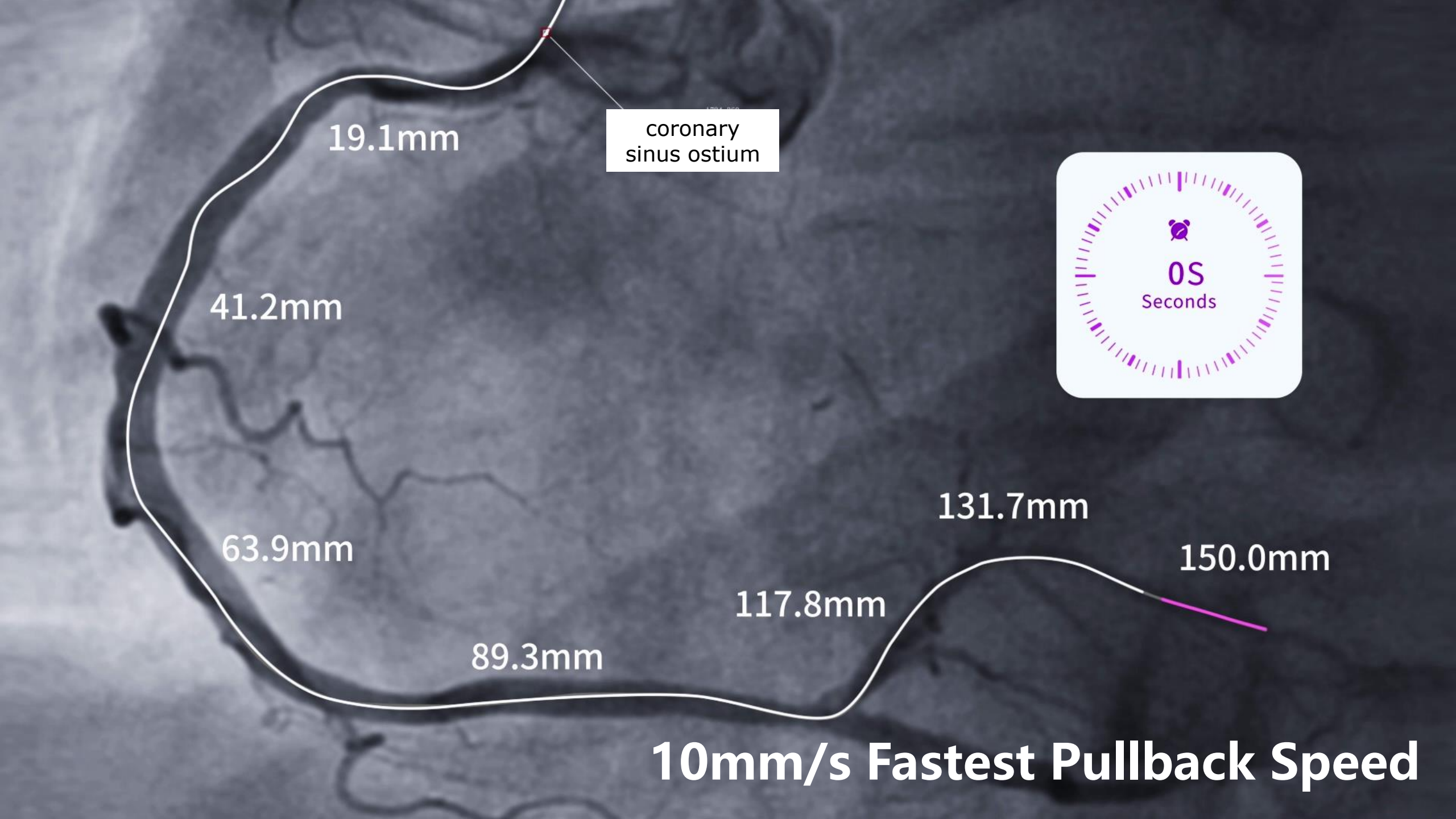
- Real-time imaging and display
- Routine workflow

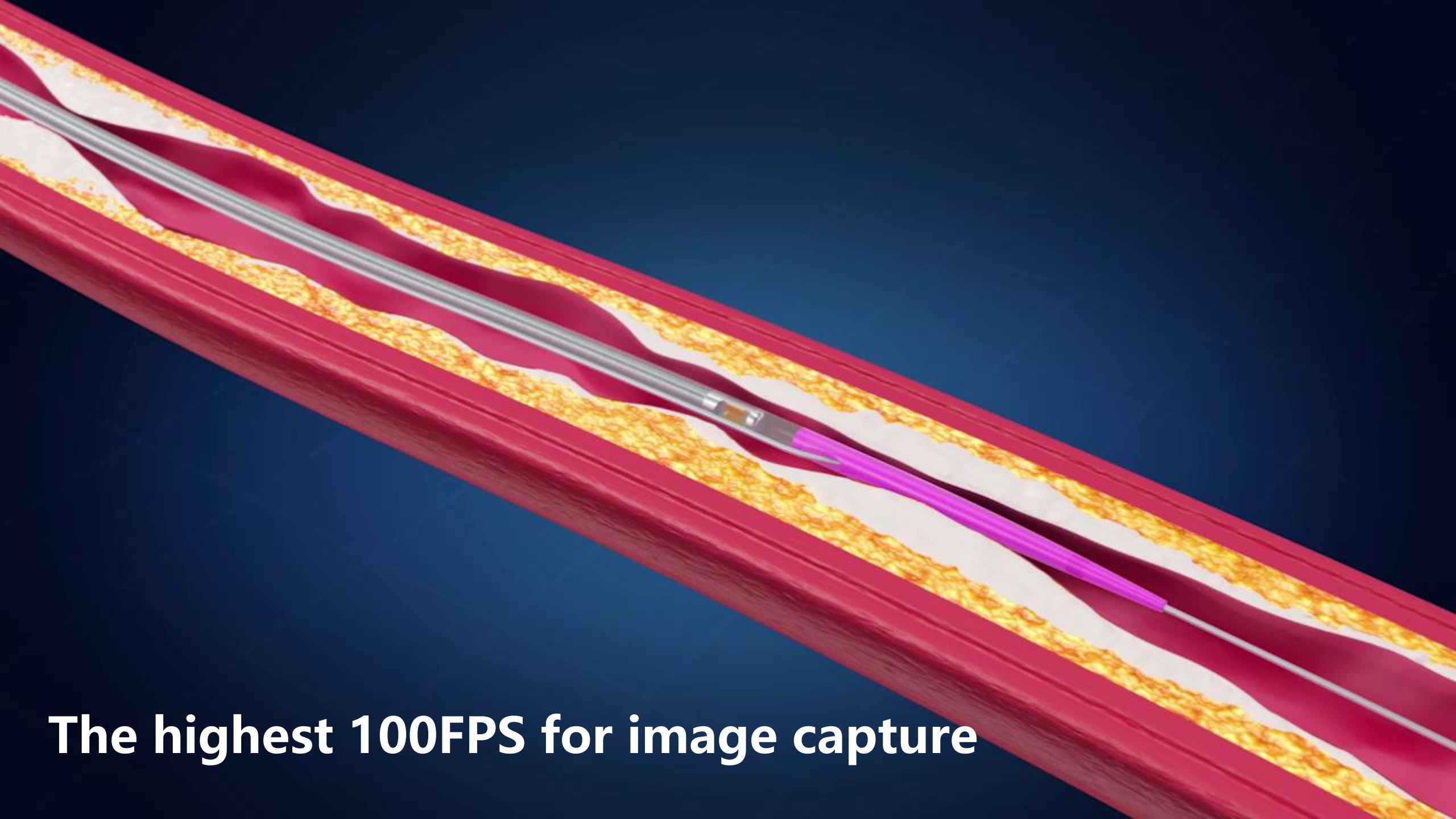


Fastest Speed

- Shorten pullback time
- Improve operation efficiency

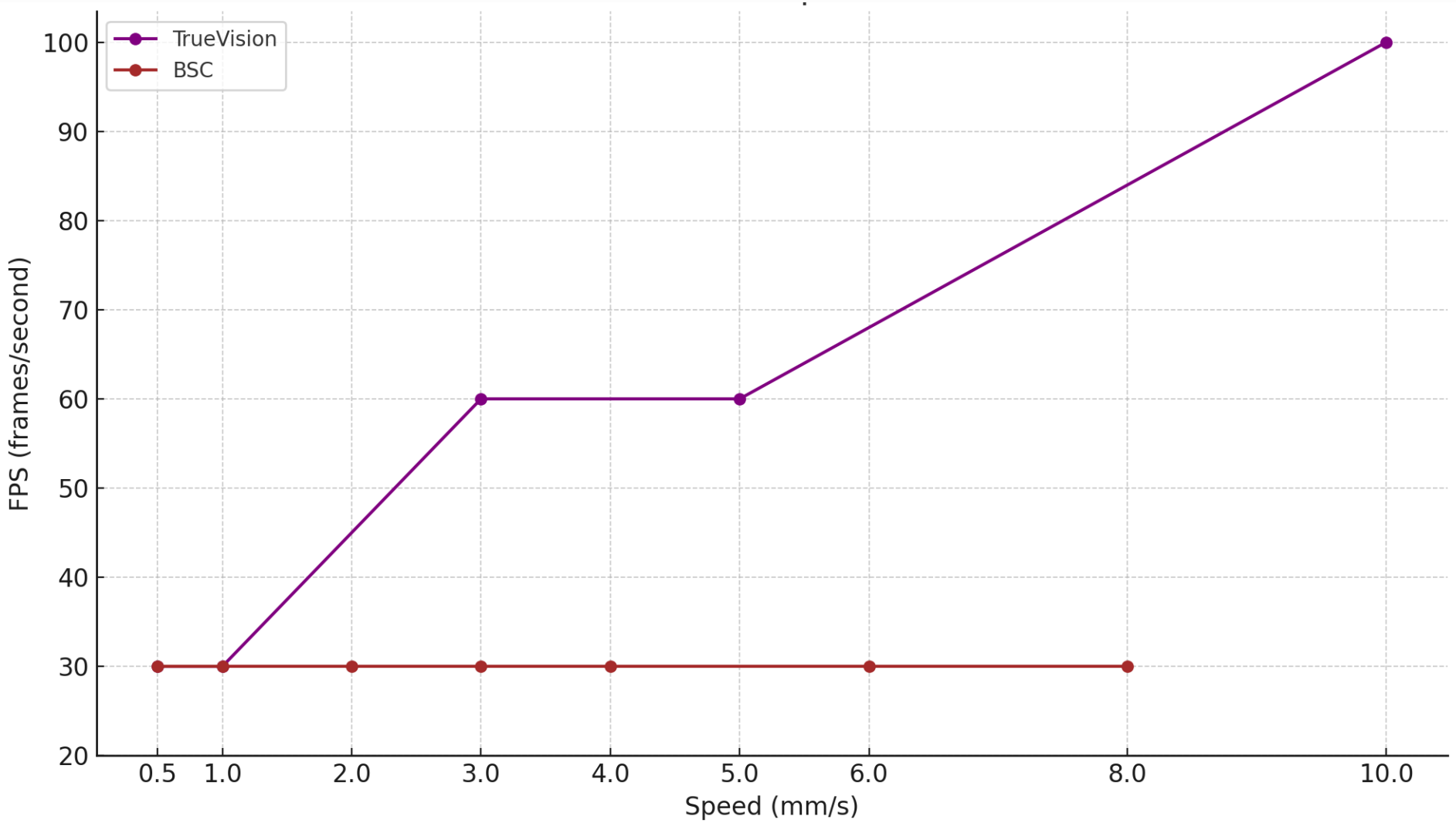

150mm Pullback Distance
coronary
sinus ostium


coronary
sinus ostium
19.1mm
41.2mm
63.9mm
89.3mm
117.8mm
131.7mm
150.0mm
0S
Seconds
10mm/s Fastest Pullback Speed

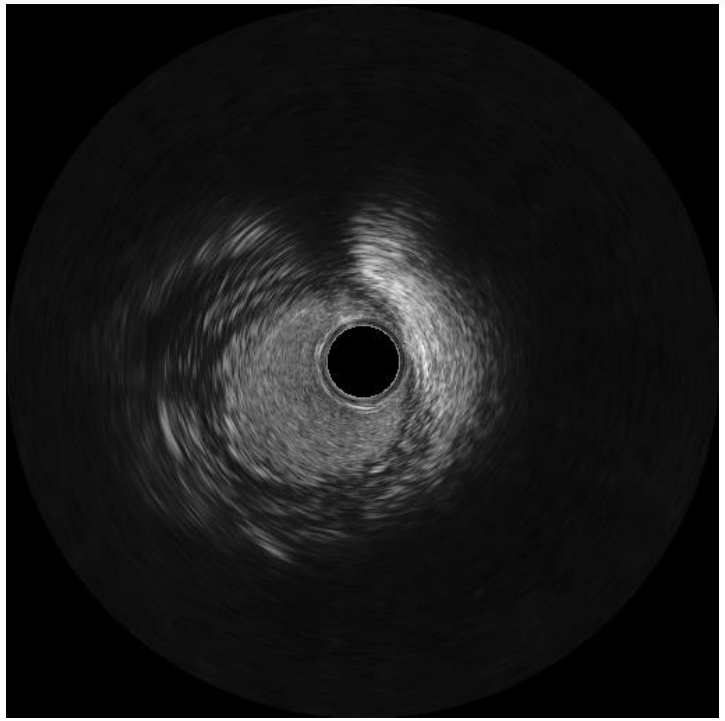


The highest 100FPS for image capture

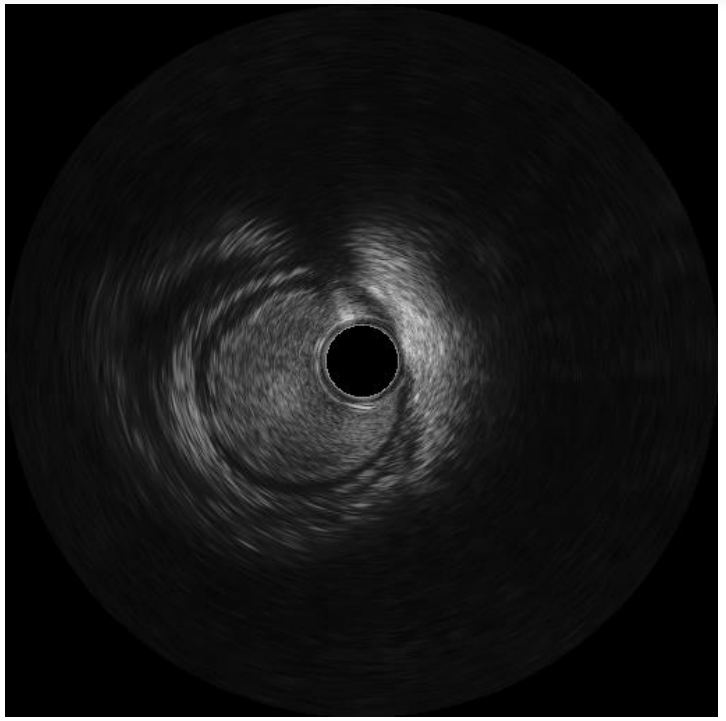
SPEED with FPS



100FPs High Imaging Speed



0.5mm/s,30fps



10.0mm/s,100fps

- **No loss of information** under high-speed pullback to ensure image quality.
- High-speed acquisition, images subject to smaller cardiac cycle images, **less motion artifacts**, and more stable images.

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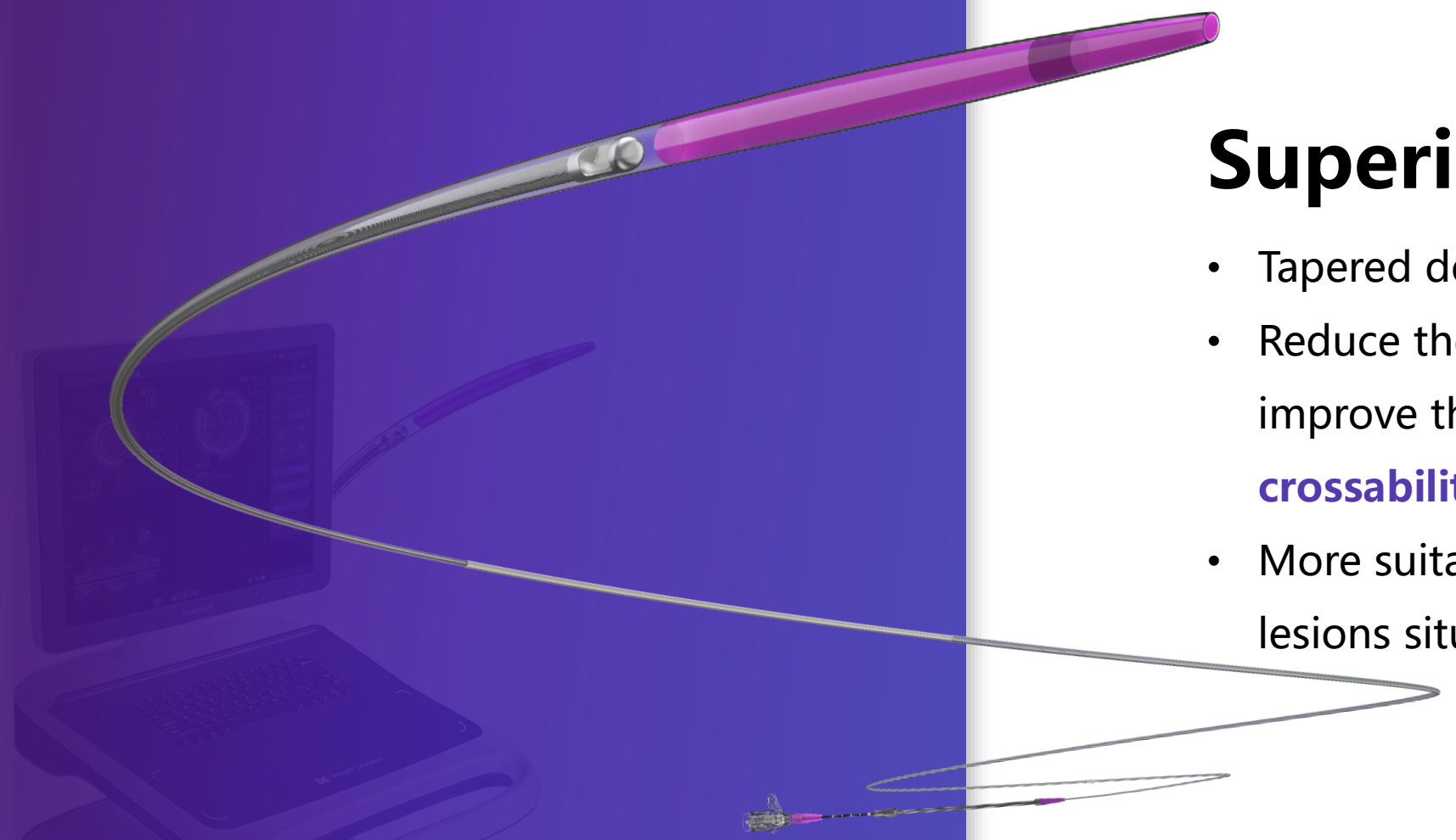
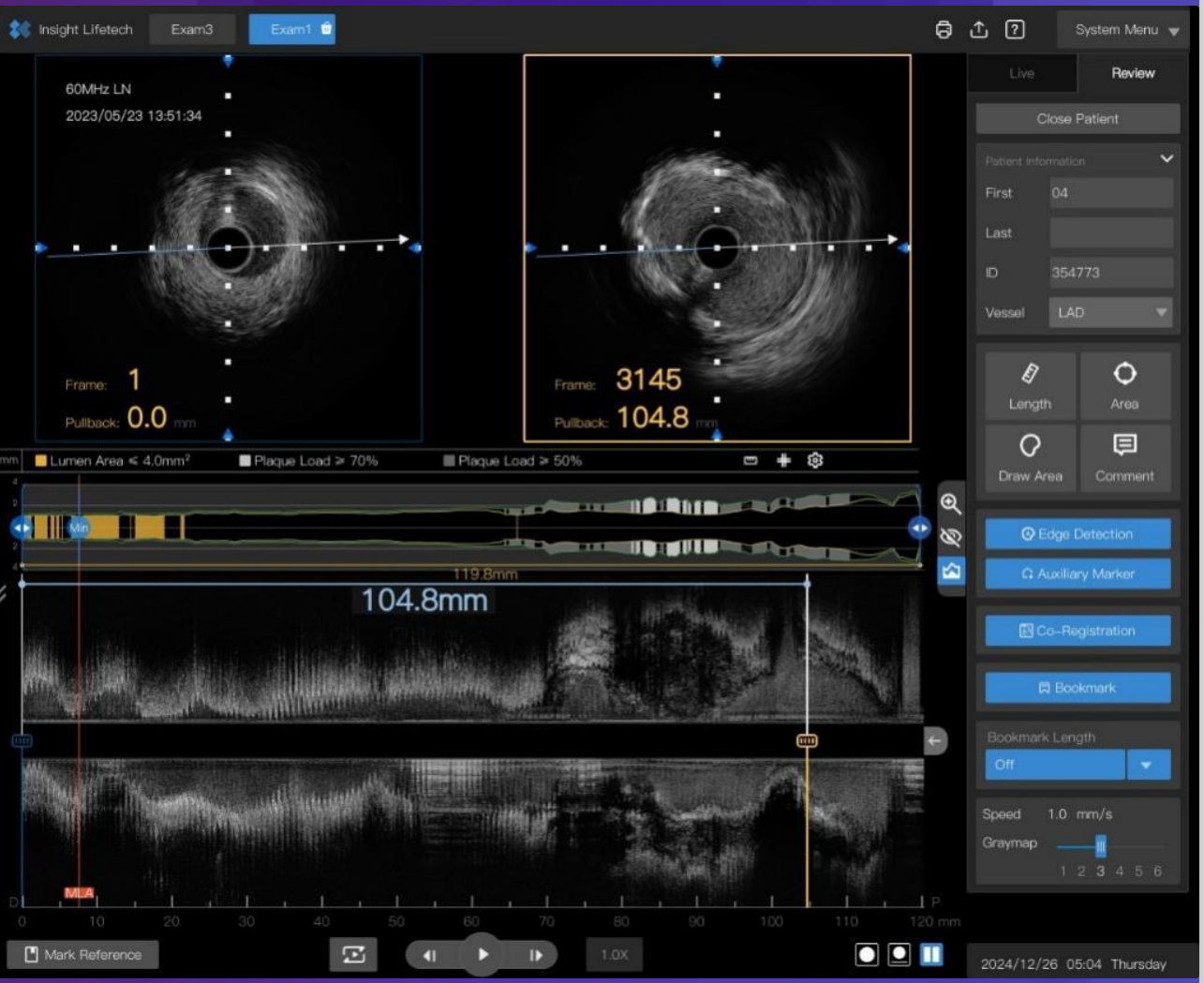
TRUEVISION



Superior Crossability

- Tapered design, optimized coating;
- Reduce the friction inside the vessels, improve the **pushability** and **crossability**;
- More suitable for various complex lesions situations.



Intelligent full sequence lesion analysis with one click

Edge detection: Automatically identify and calculate the lumen area and plaque burden.

Auxiliary Marker: Identifying MLA (Minimum Lumen Area) and lumen area of the vessels, also highlighting the plaque burden area in long-view.

Area View: calculation in automatically and MLA is presented in real-time & adjusted based on the selected area.

TRUEVISION

TRUEVISION

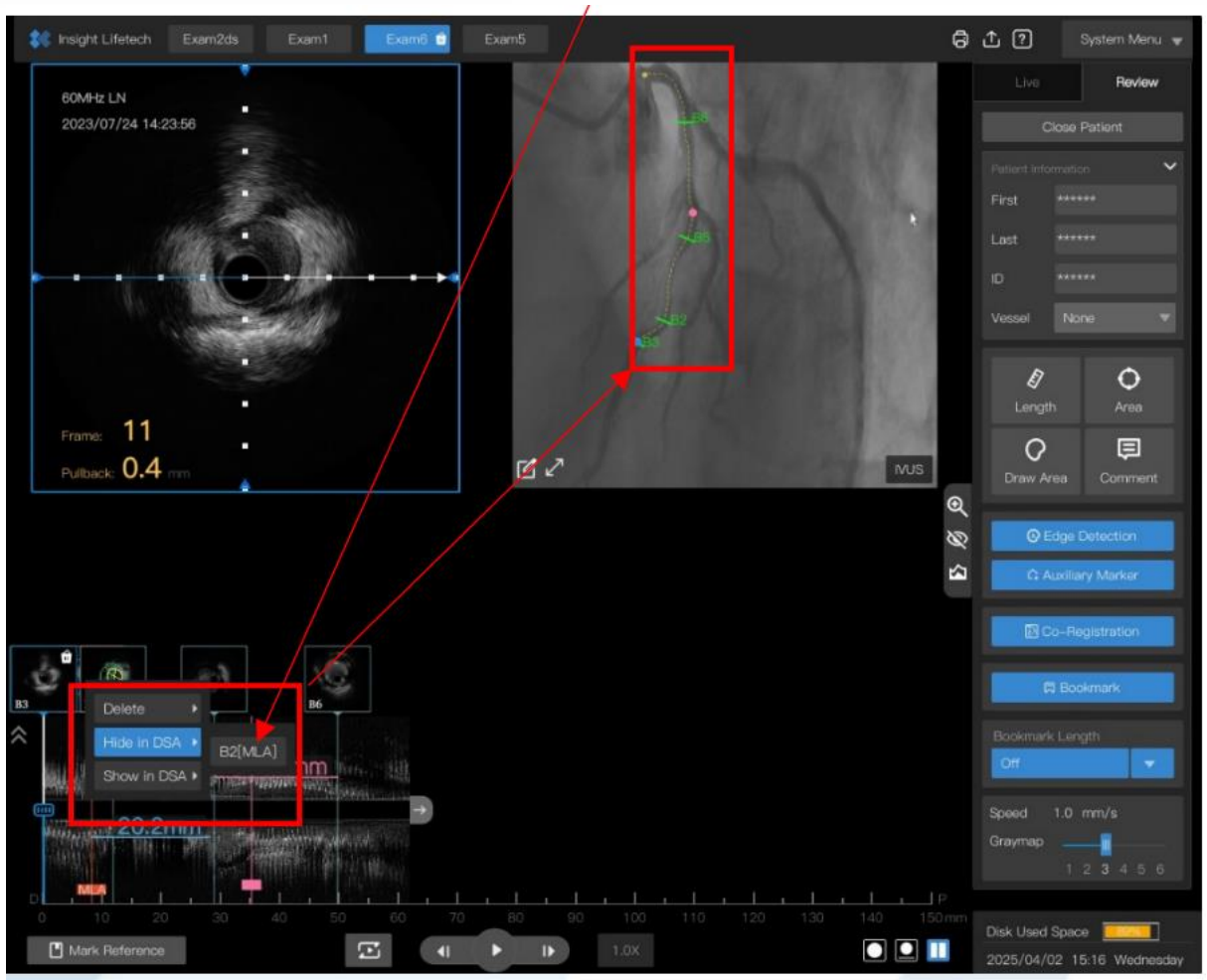
EasyGo™
Image Co-registration

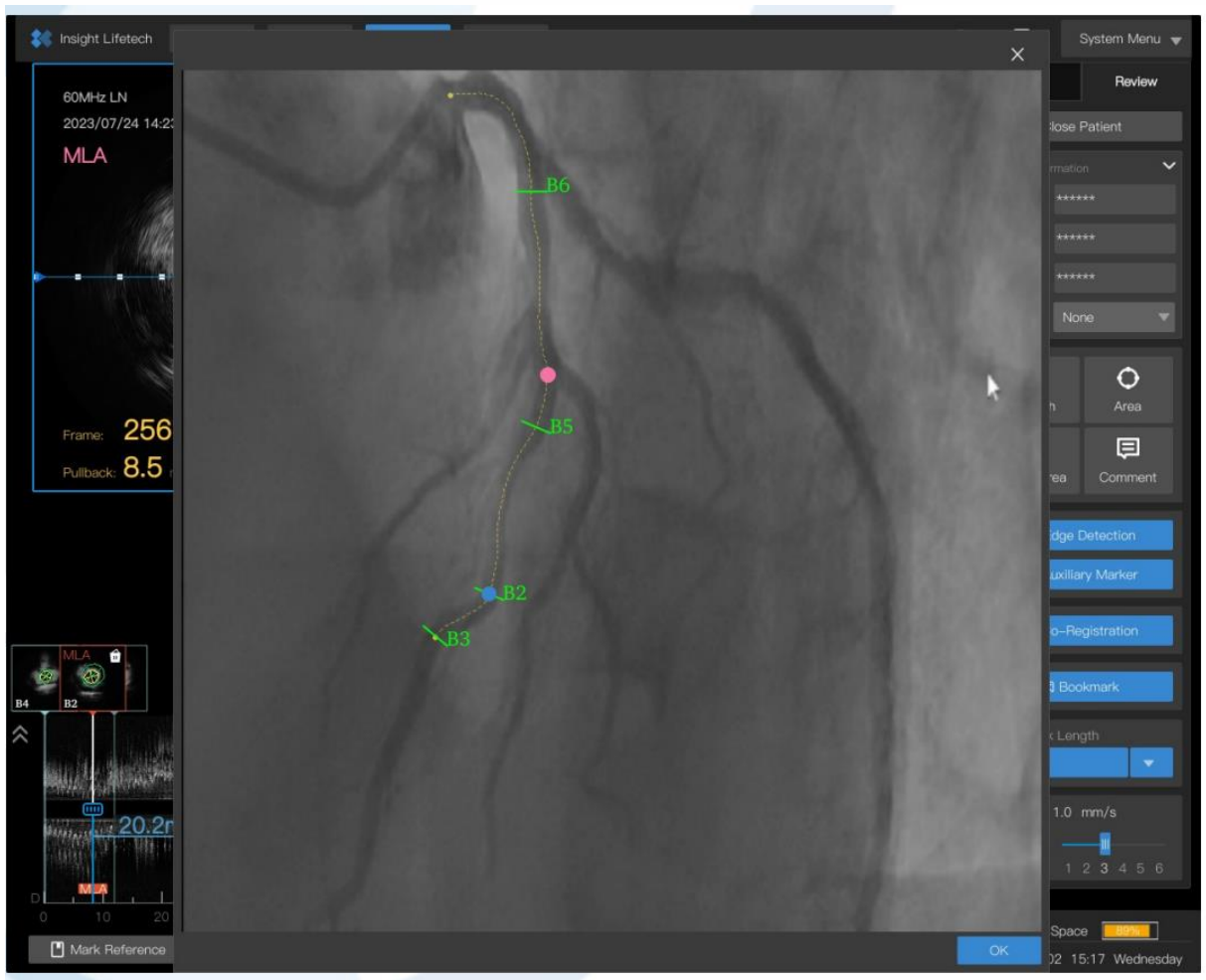


Co-register in real-time between IVUS image and angiography:

- Detailed view of the lesion and its exact location
- Friendly to beginners

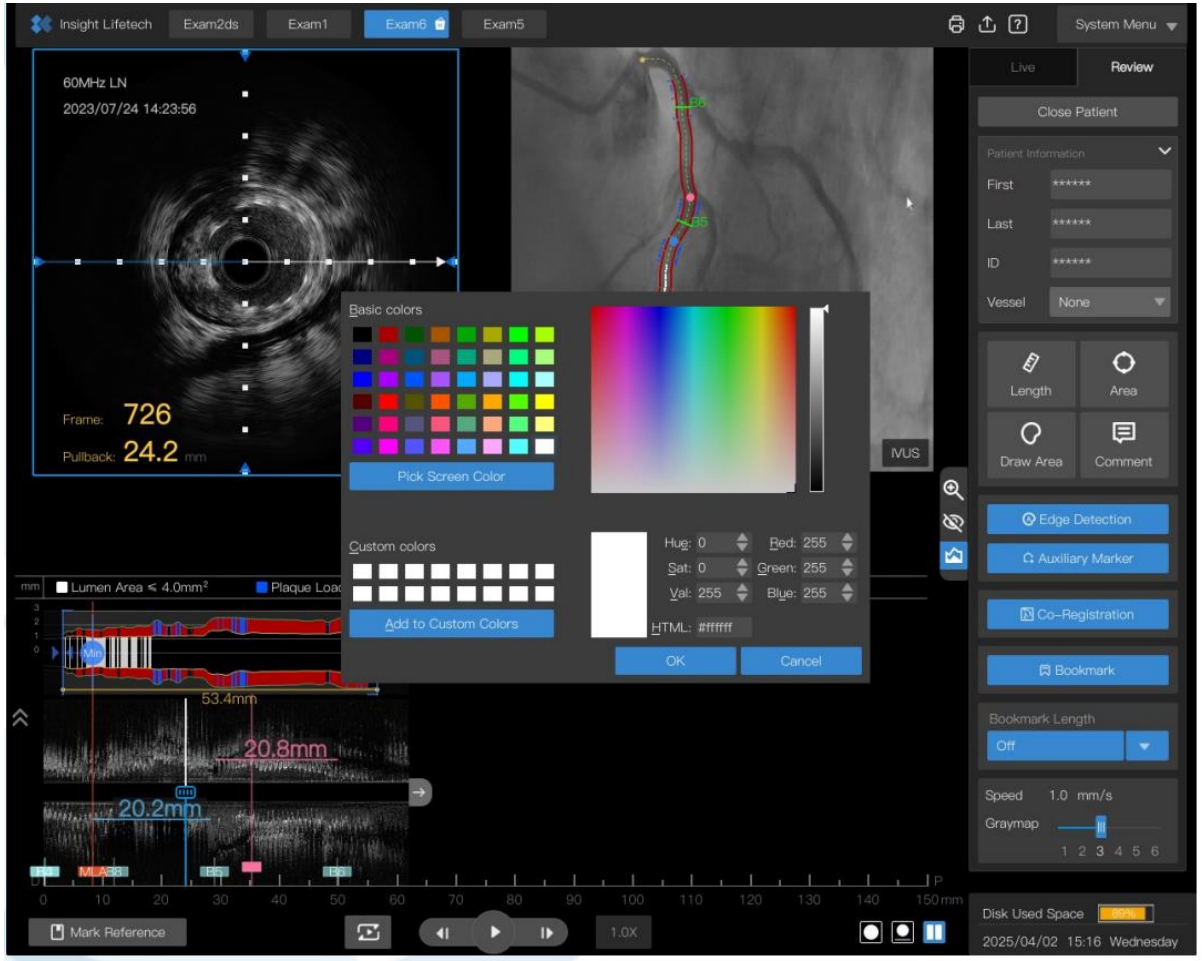
EasyGo™
Image Co-registration



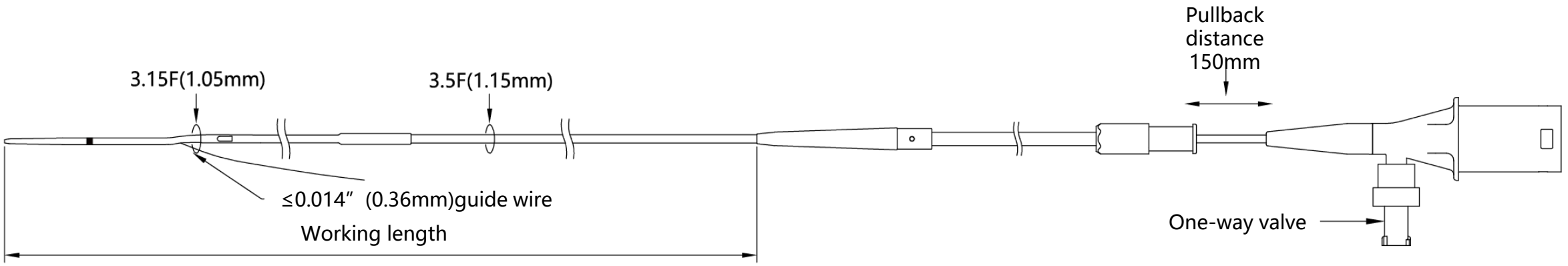


EasyGo™
Image Co-registration





TRUEVISION Image Catheter Specifications



Notice: Two models with different center frequency have the same specifications

Model	Distal diameter	Compatible wire	Proximal diameter	Pullback distance	Compatible guide catheter	Working length	Tip to transducer
02-6F40-02 02-6F60-02	3.15F (1.05mm)	0.014" (0.36mm)	3.5F (1.15mm)	150mm	6F	1350mm	20mm

Source: Insight Lifetech Data

Insight Lifetech

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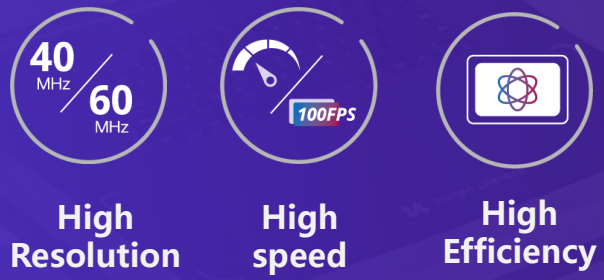
IVUS Product Introduction



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Product Comparison with Competitors



PHILIPS
VOLCANO
IVUS



Boston Scientific
Advancing science for life™



TERUMO



ACIST
A Bracco Company

Parameters Overview

Brand	Insight Lifetech		BSC		Philips		ACIST
Type	Rotational		Rotational		Phased array	Rotational	Rotational
Center frequency (MHz)	60	40	60	40	20	45	40/60
Axial resolution (μm)	22	38	22	38	/	50	40
Penetration depth (mm)	> 6		> 6		> 10	> 6	> 5
Pullback speed (mm/s)	0.5, 1, 3, 5, 10		0.5-8		manual	0.5, 1	0.5-10
Max Frame rate	100		30		30		60
Pullback length	150mm		100mm		100mm		120mm

Parameters Overview

Brand		Crossing Profile	Proximal O.D.	Imaging window profile	Tip entry profile	Tip to transducer	Guide wire Lumen length	Working Length
Insight	TrueVision (40/60Mhz)	3.15F (0.041”)	3.5F	2.6F	0.020”	20mm	16mm	135cm
BSC	OptiCross/ OptiCross 6 (40/60Mhz)	3.15F (0.041”)	3.0/3.6F	2.6/2.9F	0.026”/0.017”	20mm	16mm	135cm
Philips	Eagle Eye Platinum (20Mhz)	3.5F (0.046”)	3.0F	3.5F	0.019”	10mm	24cm	150cm
	Eagle Eye ST (20Mhz)	3.5F (0.046”)	3.0F	3.5F	0.019”	2.5mm	24cm	150cm
	Revolution (45Mhz)	3.2F (0.042”)	3.5F	3.2F	0.022”	29mm	23mm	135cm
	Refinity ST (45Mhz)	3.0F (0.039”)	3.0F	3.0F	0.025”	20.5mm	1.55cm	135cm
ACIST	Kodama (40/60Mhz)	3.4F (0.045”)	3.4F	3.4F	0.022”	20mm	16mm	141cm

Integrated Pullback Sled





Higher frame density for more precise imaging

Brand	Pullback speed & Capture frame rate	Frame density
TRUEVISION (IVUS)	10mm/s & 100FPS	10F/mm
ACIST (IVUS)	10mm/s & 60FPS	6F/mm
Abbott (OCT)	10mm/s & 60FPS	6F/mm

*Source from manufacturer's product specification

Exclusive Function of Full vessel image analysis and IVUS-Angio Co-registration



Brand	Insight	BSC	Philips
Full vessel image analysis	√	√ (only Avvigo+)	×
IVUS-Angio Co-registration	√	×	√ (only for 20MHz)

*数据摘自厂家产品说明书

TRUEVISION

VivoHeart®
Intravascular Ultrasound Console

Clearer, Faster
IVUS System



TRUEVISION®
Intravascular Ultrasound
Imaging Catheter

40 MHz / 60 MHz

60MHz center frequency
High resolution, clearer image

100FPS

10mm/s Fastest pullback speed
100FPS Highest frame rate

150mm Automatic pullback distance
inSmartVision™ Image Analysis Platform
Easy GO ™ IVUS-Angio co-registration

Insight Lifetech

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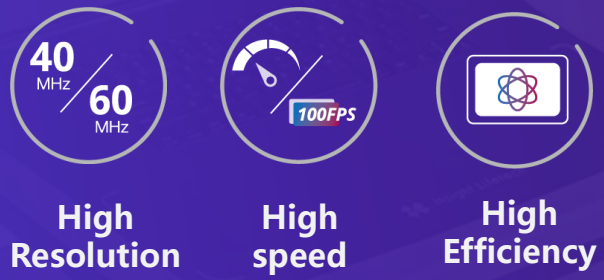

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复旦大学附属
中山医院
ZHONGSHAN HOSPITAL

首都医科大学附属北京安贞医院
Beijing Anzhen Hospital, Capital Medical University

CENTROCARDIOLOGICOUNIVERSITARIO
Azienda Ospedaliero-Universitaria di Ferrara

Ziekenhuis Oost-Limburg

Universitair Ziekenhuis Brussel

Klinikum Herford

olv Top in Zorg.

Klinikum Fürth

CLÍNIC BARCELONA Hospital Universitari

Amsterdam UMC
Universitair Medische Centra

MEDICLIN HERZZENTRUM LAHR

UNIVERSITÄTSmedizin. MAINZ

Since July 2022 NMPA Approval granted

No.1

Domestic brand market share in China

300+

Hospitals using our IVUS

10000+

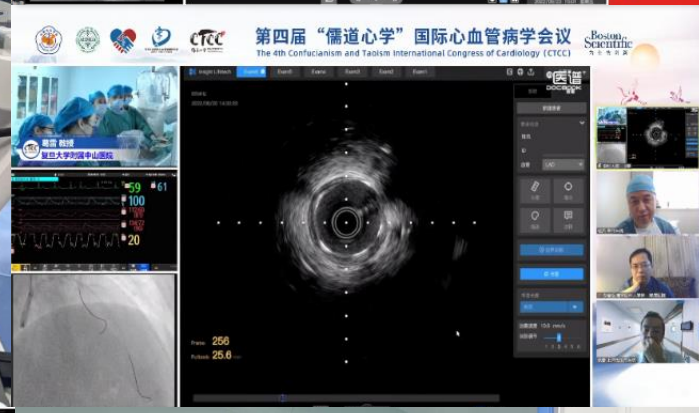
Patients accept precision PCI treatment

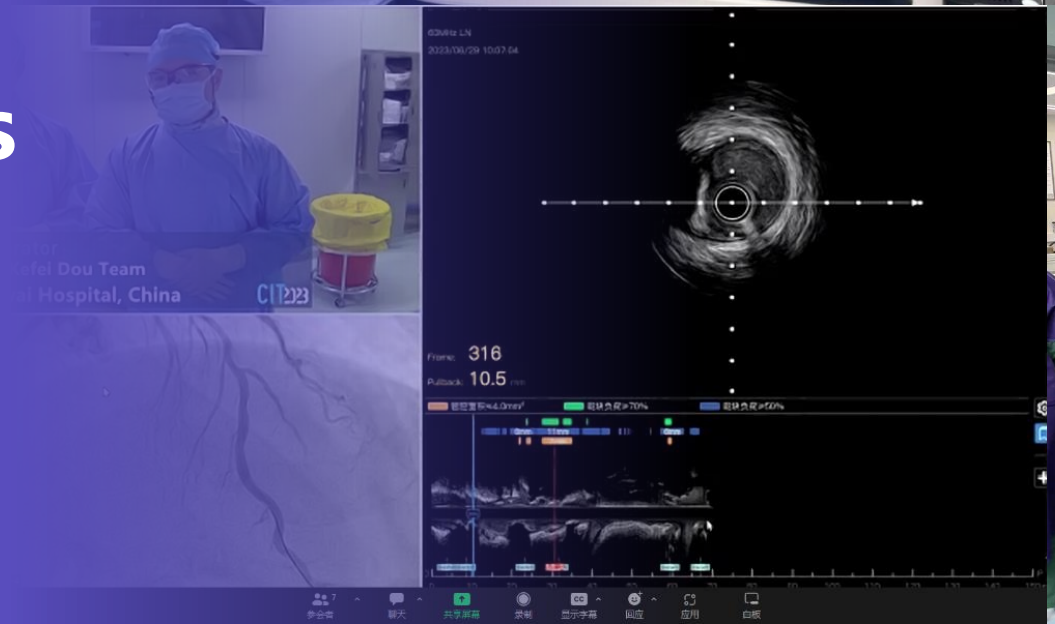
Data as of August 2023

Physicians Rave About the System in Live Demonstrations











Testimonial from Overseas



"Insight's IVUS system with 60MHz high-resolution images and the fastest 10mm/s pullback speed are really impressive."

Dr. med. Krzysztof Pujdak
Klinikum Herford
Germany



Dr. Wong Chi Ming
St. Teresa's Hospital
HongKong

"60MHz high-definition images can present more details of tiny structures and lesions during procedures, it can assist physicians in accurately and quickly diagnosing lesions."

TESTIMONIALS



Dr. Bernard Wong
North Shore Hospital, New Zealand

"The high-definition 60MHz images and the assistance of image analysis technology create a more efficient way for physicians. The accuracy of its functions exceeds expectations and is impressive."

Prof. Teguh Santoso
Cardiovascular CathLab Director
Medistra Hospital, Indonesia

"IVUS images are high-definition and delicate, including fast pullback and auxiliary marker functions, which are very effective and can improve procedure efficiency."



Insight Lifetech



To Transform Healthcare through Innovation and Quality


Thank You