

Cornaris[®] Mobile

Intravascular Imaging System



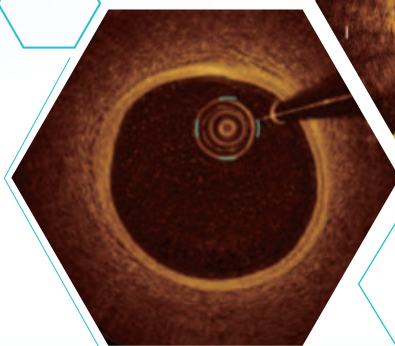
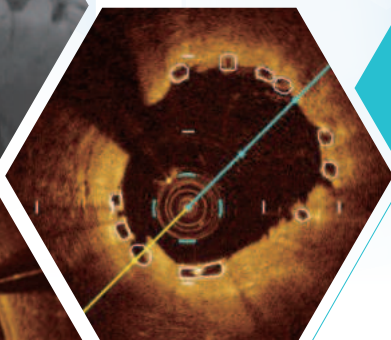
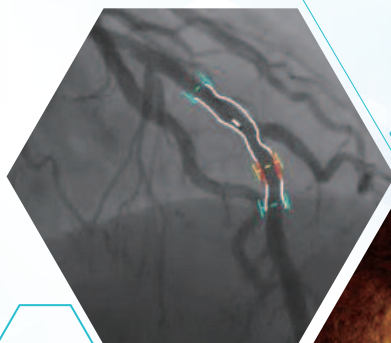
Specifications ▶

Axial Resolution (μm)	≤ 15	Higher resolution, clear OCT images and shorter learning curve
Frame Rate (fr/s)	200	Faster pullback, lower contrast volume
Pullback Range (mm)	55/75	Larger range, full view of the lesions
A-Scan Range in Air (mm)	10	Observation of wider lumen



ACR (angiographic co-registration)

Shorten OCT learning curve,
reducing procedure time & volume of contrast



Intelligent Evaluation of BRS

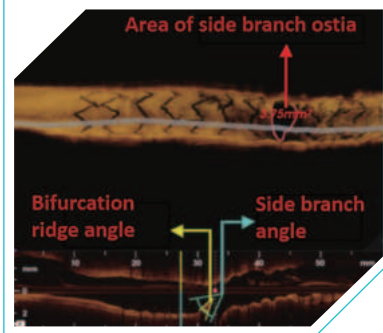
Provide automatic evaluation for
bioresorbable stents (BRS) after implantation

“Zero” Contrast Media

Compatible with **low-molecular-weight dextran**
as flushing media to reduce renal damage

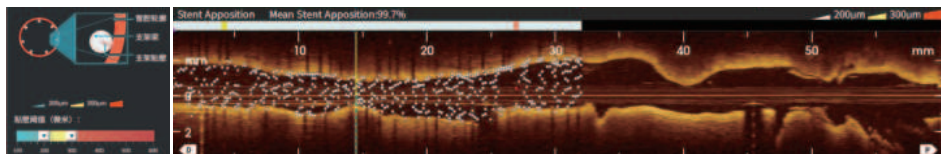
► Auto Quantitative Assessment for Bifurcation Lesions

Predicting side branch occlusion to adopt optimal strategy for bifurcation lesions



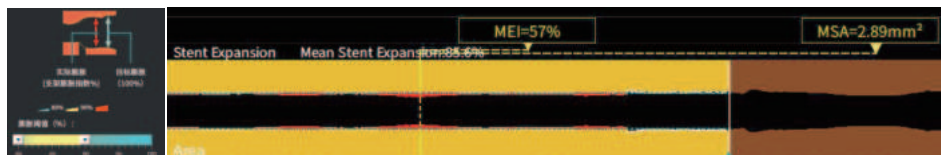
3D View

All-round insight of vascular lumen, showing details from 3D perspective



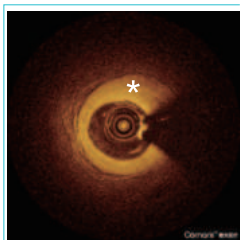
▲ Auto Assessment of Stent Apposition

With stent visualization, automatically calculate stent apposition rate by each frame & offer average apposition rate of the whole stent

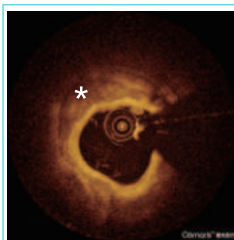


▲ Auto Assessment of Stent Expansion

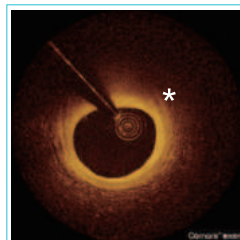
Tapering feature of vessels & diameter change beside side branch are included as factors for getting more accurate stent expansion index



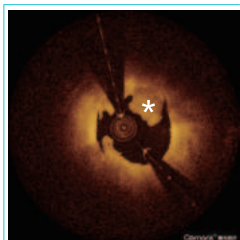
➤ Fibrous Plaque



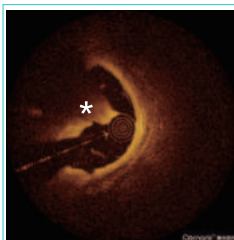
➤ Calcified Plaque



➤ Lipid Plaque



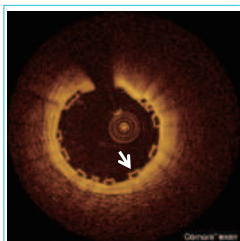
➤ White Thrombosis



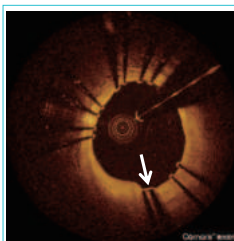
➤ Red Thrombosis



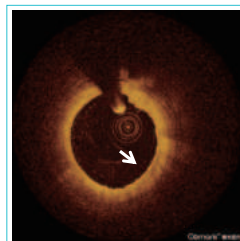
➤ Dissection



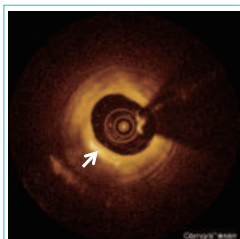
➤ BRS



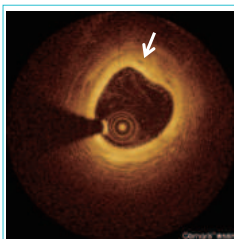
➤ DES



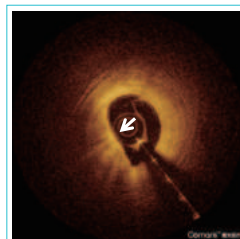
➤ DCB Polymer



➤ Cholesterol Crystals



➤ Micro Channels



➤ Macrophage Infiltration



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Product: Intravascular Imaging System

Model: Cornaris Mobile

Manufacture: Shenzhen Vivolight Medical Device & Technology Co.,Ltd.
