

Cornaris Mobile-E

Intravascular Imaging System



Flexible Portable

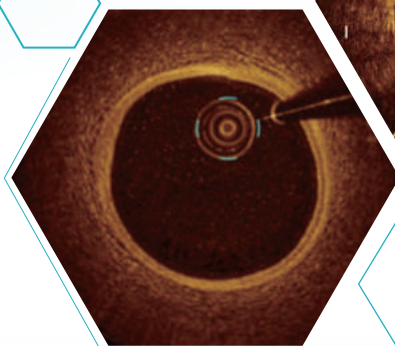
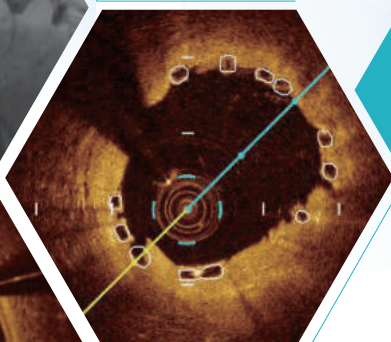
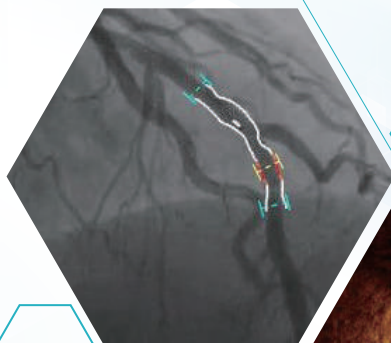
Specifications >

Axial Resolution (μm)	≤ 15	Enables observation of more subtle structures and identification of lesion types, produces clear OCT images, and has a short learning curve.
Frame Rate (fr/s)	200	Enables faster OCT examinations with a higher frame rate, reducing the amount of contrast media required.
Pullback Range (mm)	55/75	A single OCT pullback can examine a larger lesion range.
A-Scan Range in Contrast (mm)	10	Enables observation of a wider luminal range.



ACR (angiographic co-registration)

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



Intelligent Evaluation of BRS

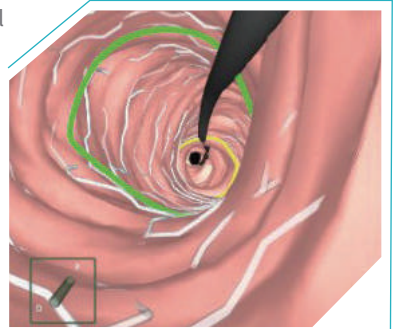
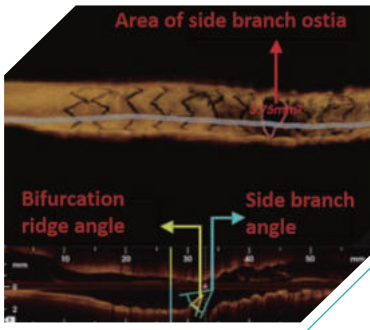
Provide automatic evaluation for
bioresorbable stents (BRS) after implantation

“Zero” Contrast Media

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

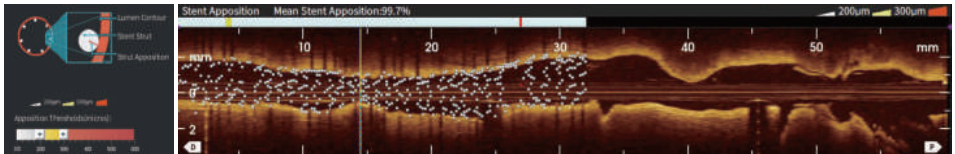
► Auto Quantitative Assessment for Bifurcation Lesions

Predicting side branch occlusion to adopt optimal strategy for bifurcation lesions



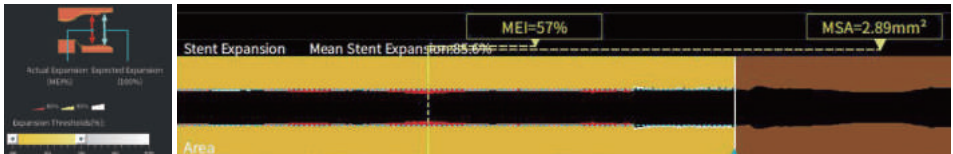
3D View ◀

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



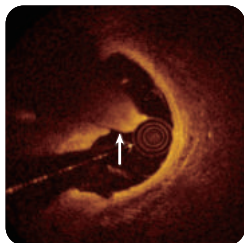
▲ Auto Assessment of Stent Apposition

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

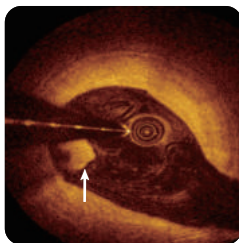


▲ Auto Assessment of Stent Expansion

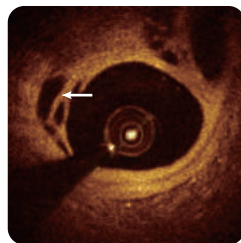
Tapering feature of vessels & diameter change beside side branch are included as factors for getting more accurate stent expansion index



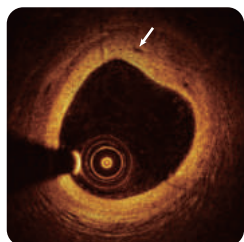
Red Thrombus



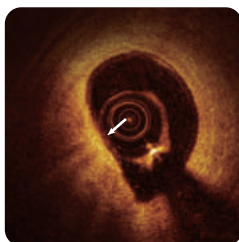
White Thrombus



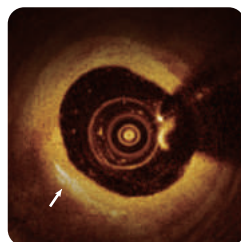
Woven Blood Vessel



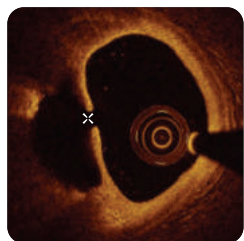
Micro Channels



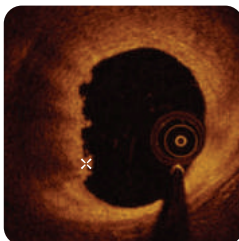
Macrophage Infiltration



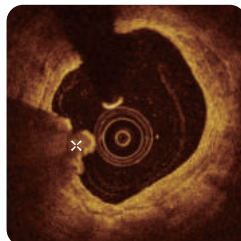
Cholesterol Crystals



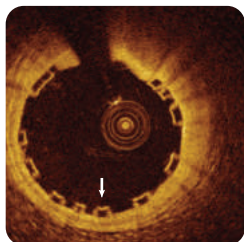
Plaque Rupture



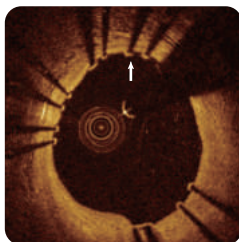
Plaque Erosion



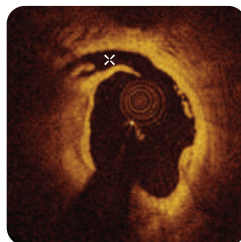
Calcified Nodule



BRS



DES



Dissection



vivolight



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Product: Intravascular Imaging System

Model: Cornaris Mobile-E

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