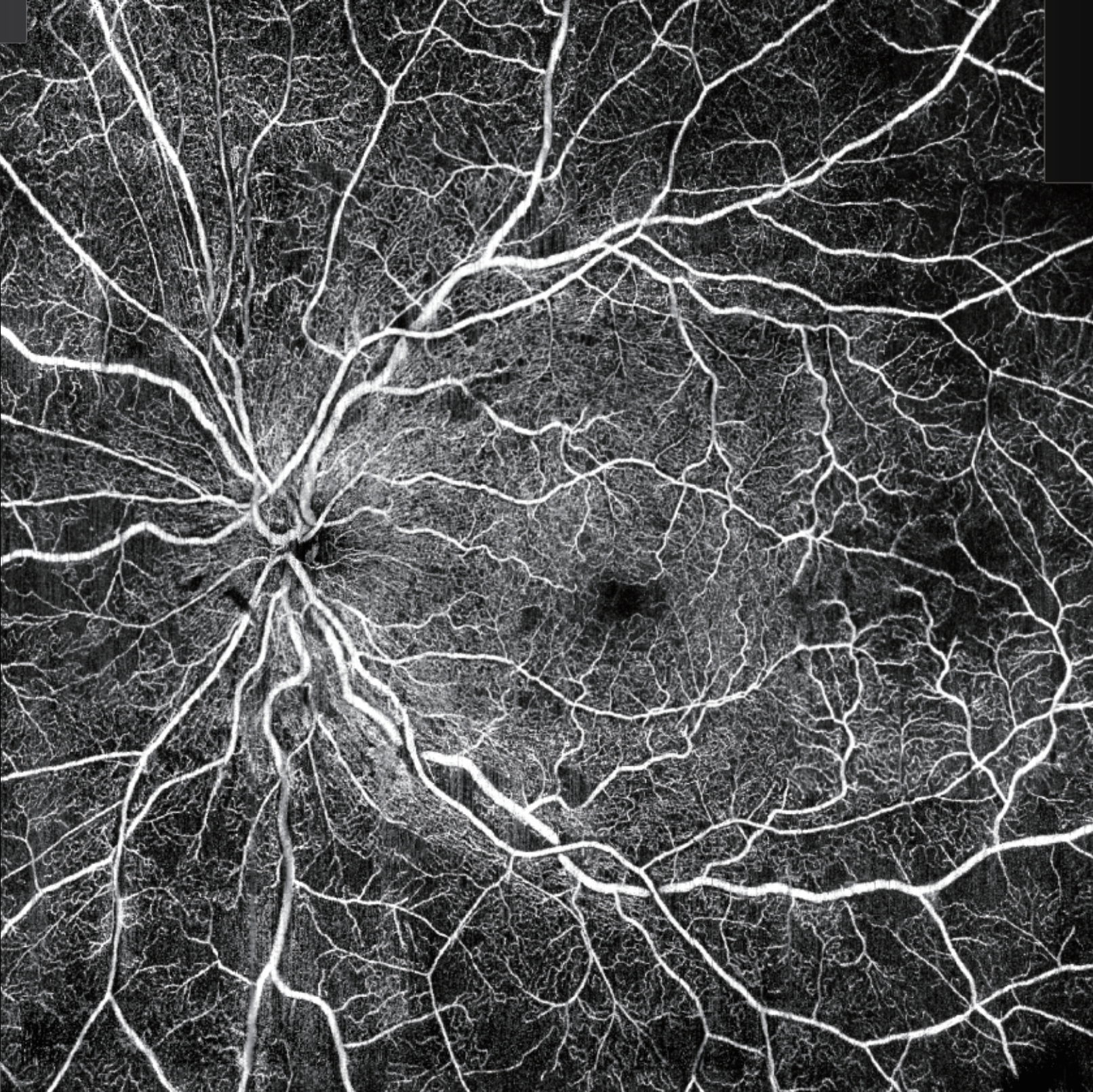


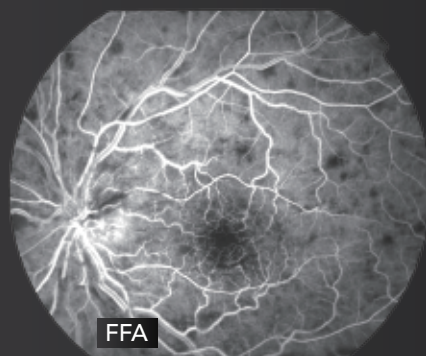
MOPTIM



VASCAN™
ANGIOGRAPHY



FROM INNOVATION
TO REVOLUTION



Moptim VASCAN ultra-wide angiography montage

Image courtesy of Dr. Bin Zhang, Peking University Shenzhen Hospital, Shenzhen, China

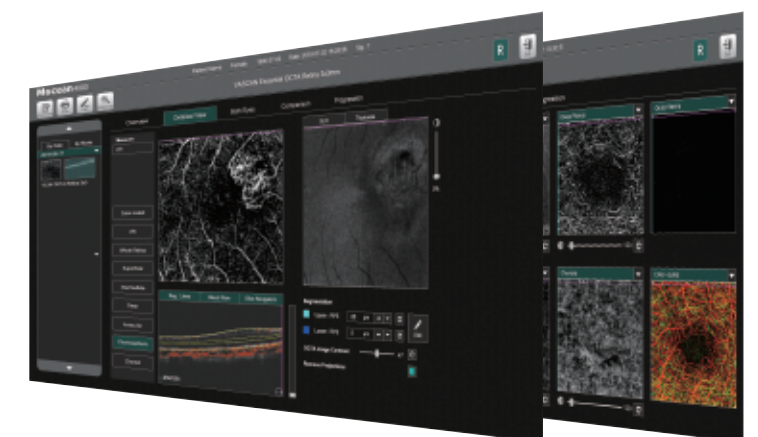


VASCAN OCTA MODULE

VASCAN Essential

- 7 Layers Segmentation
- Scan Area

Retina: 3 mm x 3 mm	256 x 256
12 mm x 8 mm	540 x 360
Disc: 4.5 mm x 4.5 mm	512 x 512
6 mm x 6 mm	512 x 512



VASCAN Advanced

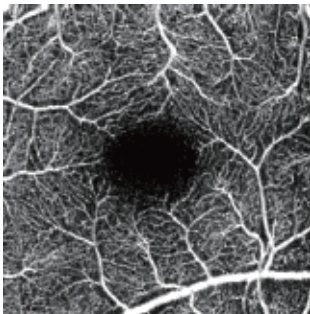
- 7 Layers Segmentation
- Scan Area

Retina: 3 mm x 3 mm	256 x 256
6 mm x 6 mm	512 x 512
8 mm x 8 mm	512 x 512
12 mm x 8 mm	540 x 360
Disc: 4.5 mm x 4.5 mm	512 x 512
6 mm x 6 mm	512 x 512
- Quantitative Analysis
Density / FAZ / Impairment / Flow Analysis

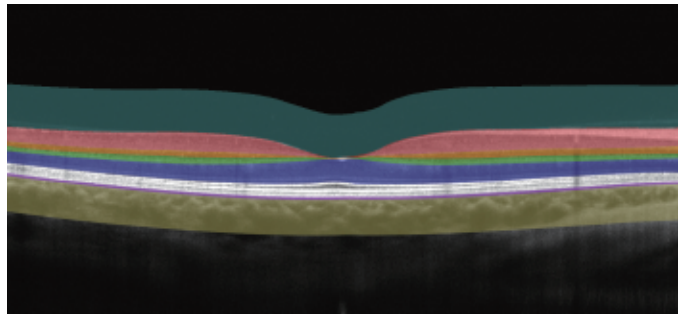
VASCAN OCT ANGIOGRAPHY

7 Layers Segmentation

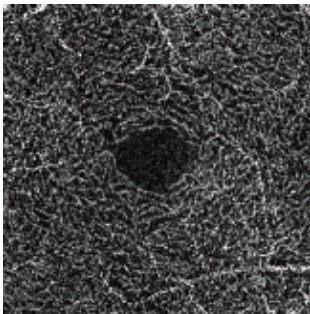
VASCAN OCTA enables non-invasive vascular imaging of retinal vessels at 7 slabs and optic disc vessels at 4 slabs



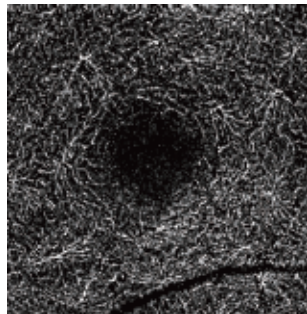
■ Superficial



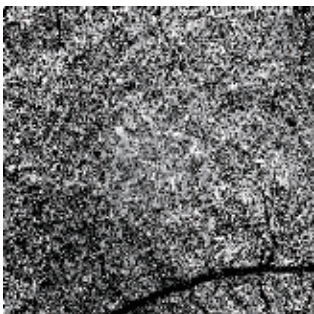
VRI		
Whole Retina	Inner Retina	Superficial
		Intermediate
		Deep
Choroid	Outer Retina	
	Choriocapillaris	
	Choroid	



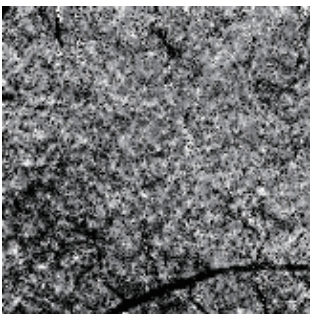
■ Intermediate



■ Deep



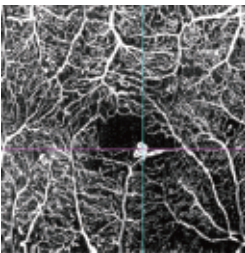
■ Choriocapillaris



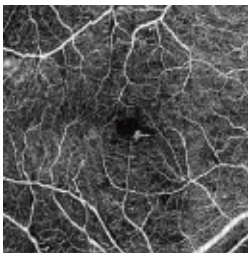
■ Choroid

Scan Area

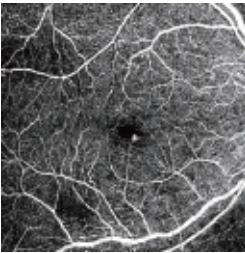
VASCAN provides a full view of the retina at 3x3, 6x6, 8x8 or 12x8, disc at 4.5x4.5 or 6x6



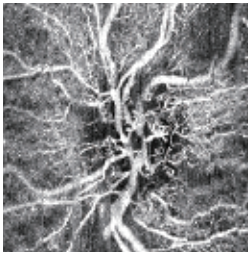
3 x 3



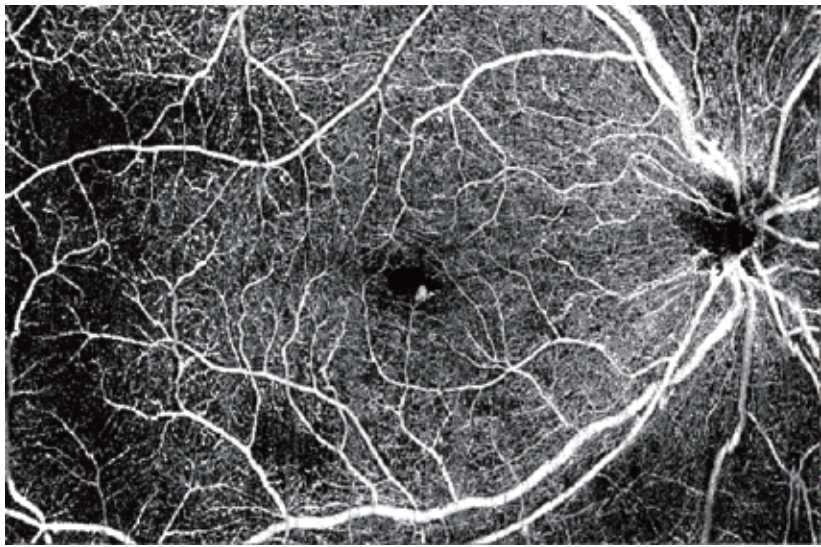
6 x 6



8 x 8



Disc 4.5 x 4.5



12 x 8 single scan

* Only 3x3, 12x8 for retina, and 4.5x4.5, 6x6 for disc scan patterns are available in VASCAN Essential.

VASCAN INNOVATIONS

HD ULTRACLEAR

Ultraclear angiographic imaging powered by COMAG algorithm using phase and amplitude signals

WIDE

Widefield OCTA imaging up to 12 mm x 8 mm

ACCURATE

SLO-based **real-time retinal tracking** effectively reduces motion artifacts and allows precise follow-up
Advanced **projection artifact removal** algorithm ensures accurate visualization of the retinal vasculature

INFORMATIVE

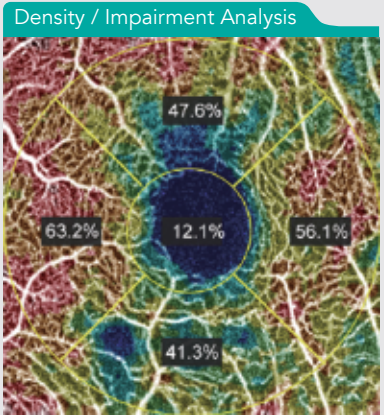
Informative quantitative analysis including density, FAZ, impairment and flow analysis



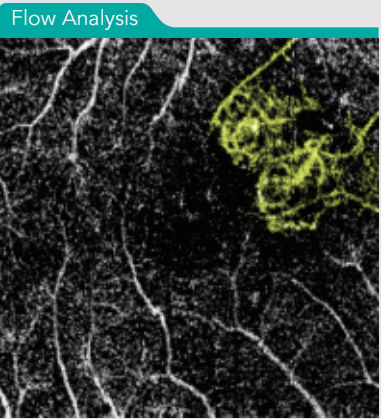
VASCAN Advanced Analysis



Measurements include FAZ area, perimeter, circularity, and FD 300.



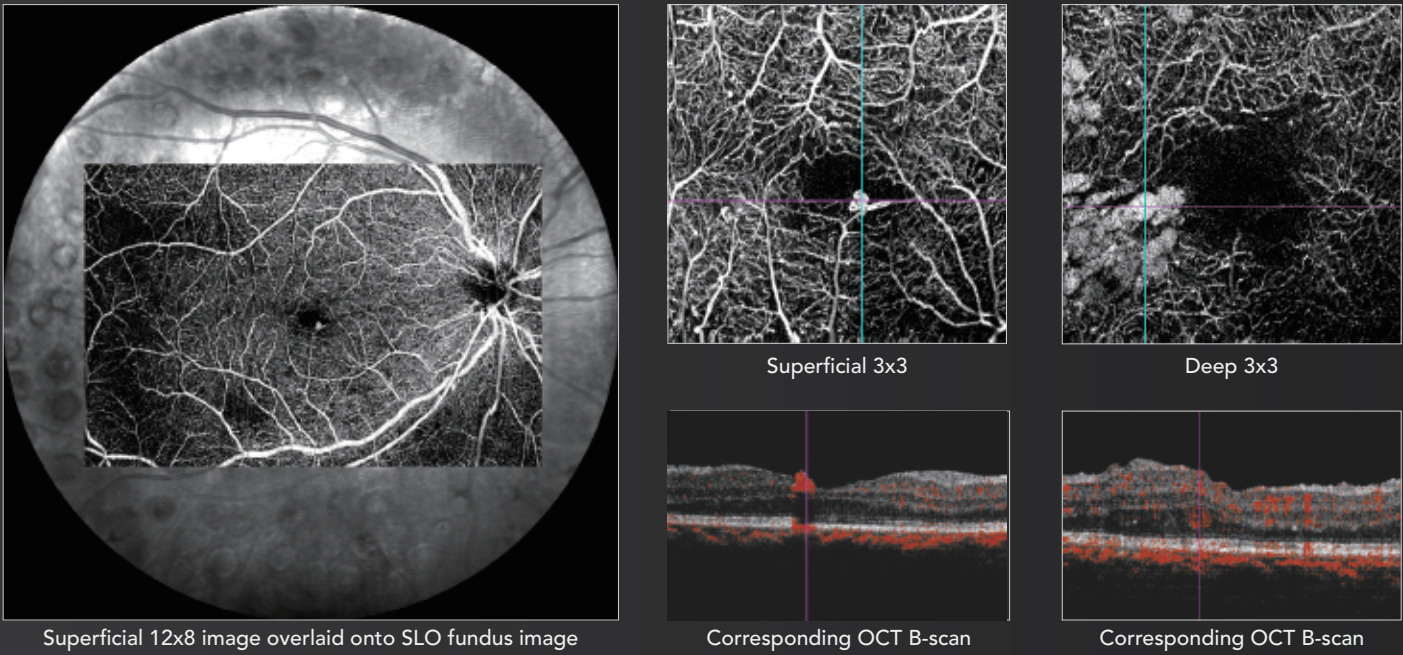
Measurement of vessel density based on skeleton map and perfusion density based on binary map.



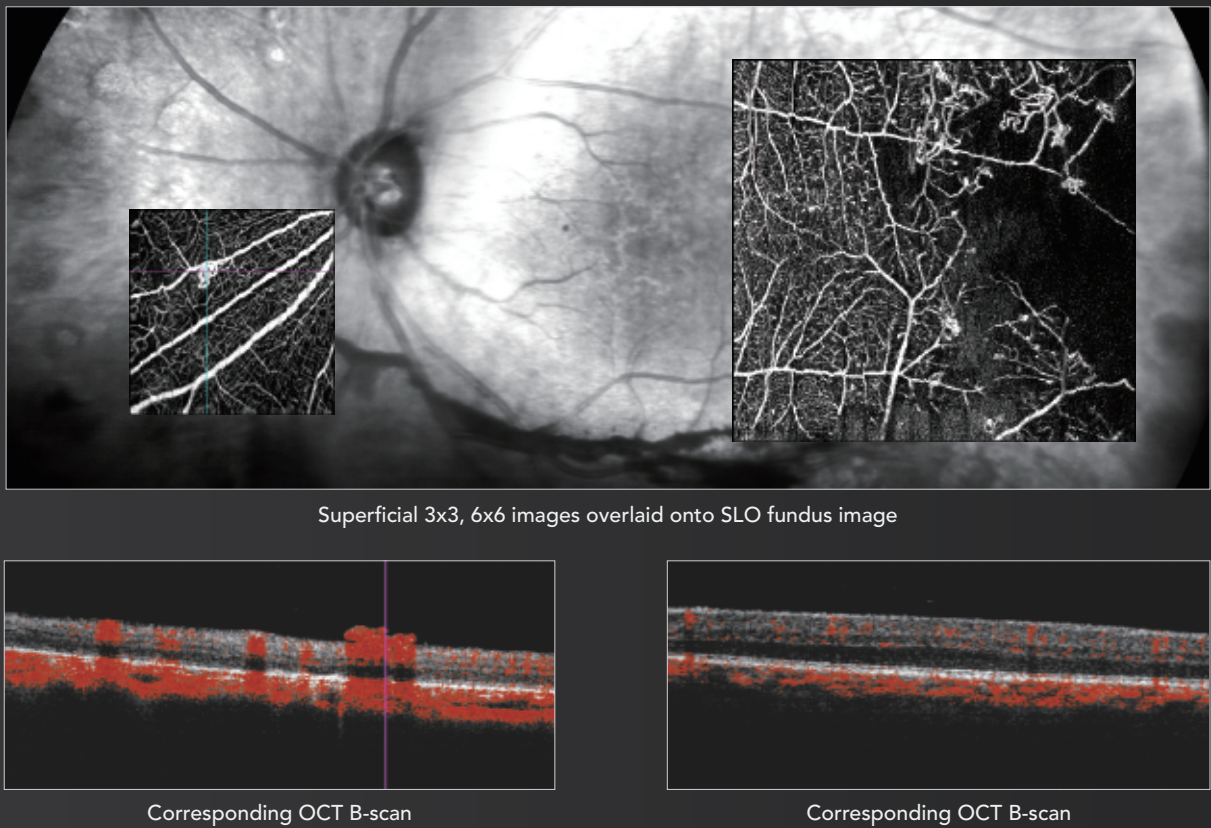
Measurement of flow area based on VRI, outer retina, choriocapillaris and choroid slabs.

VASCAN CLINICAL CASES

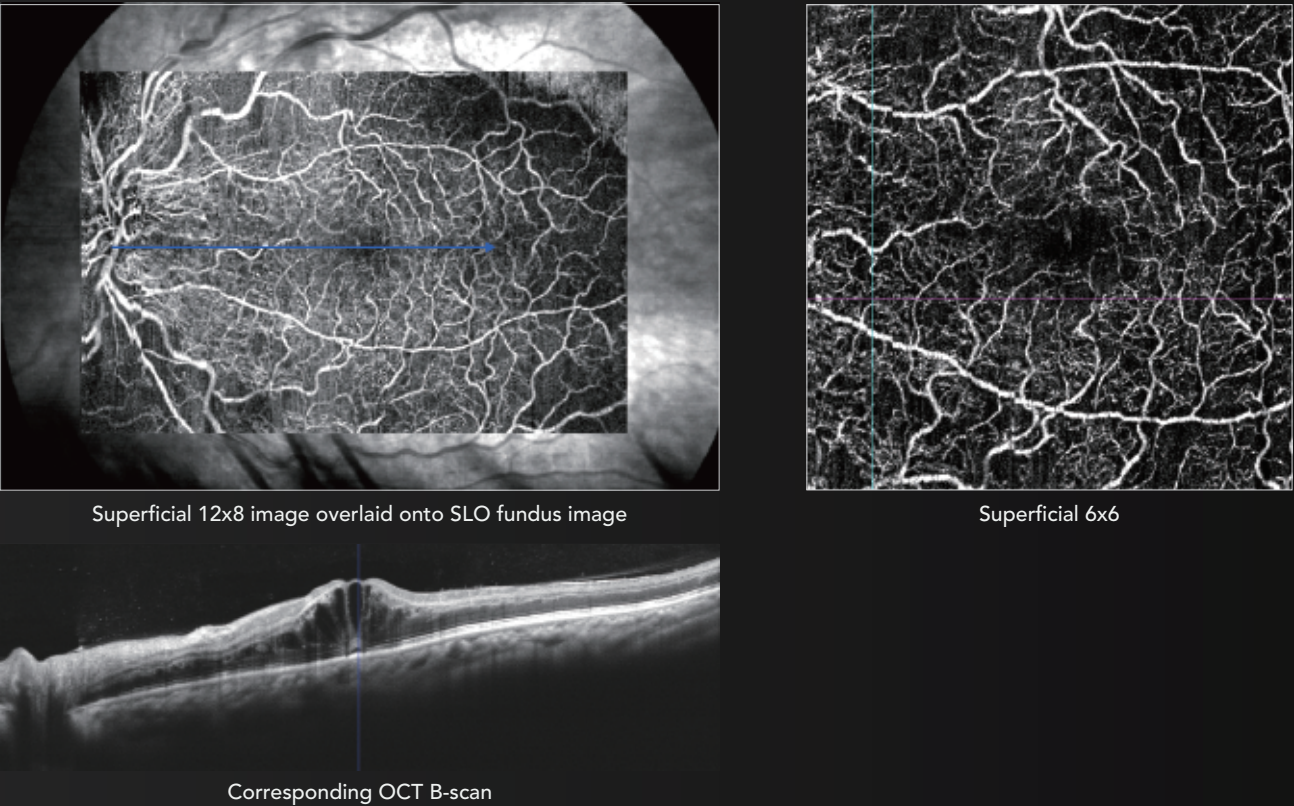
Diabetic Retinopathy (DR)



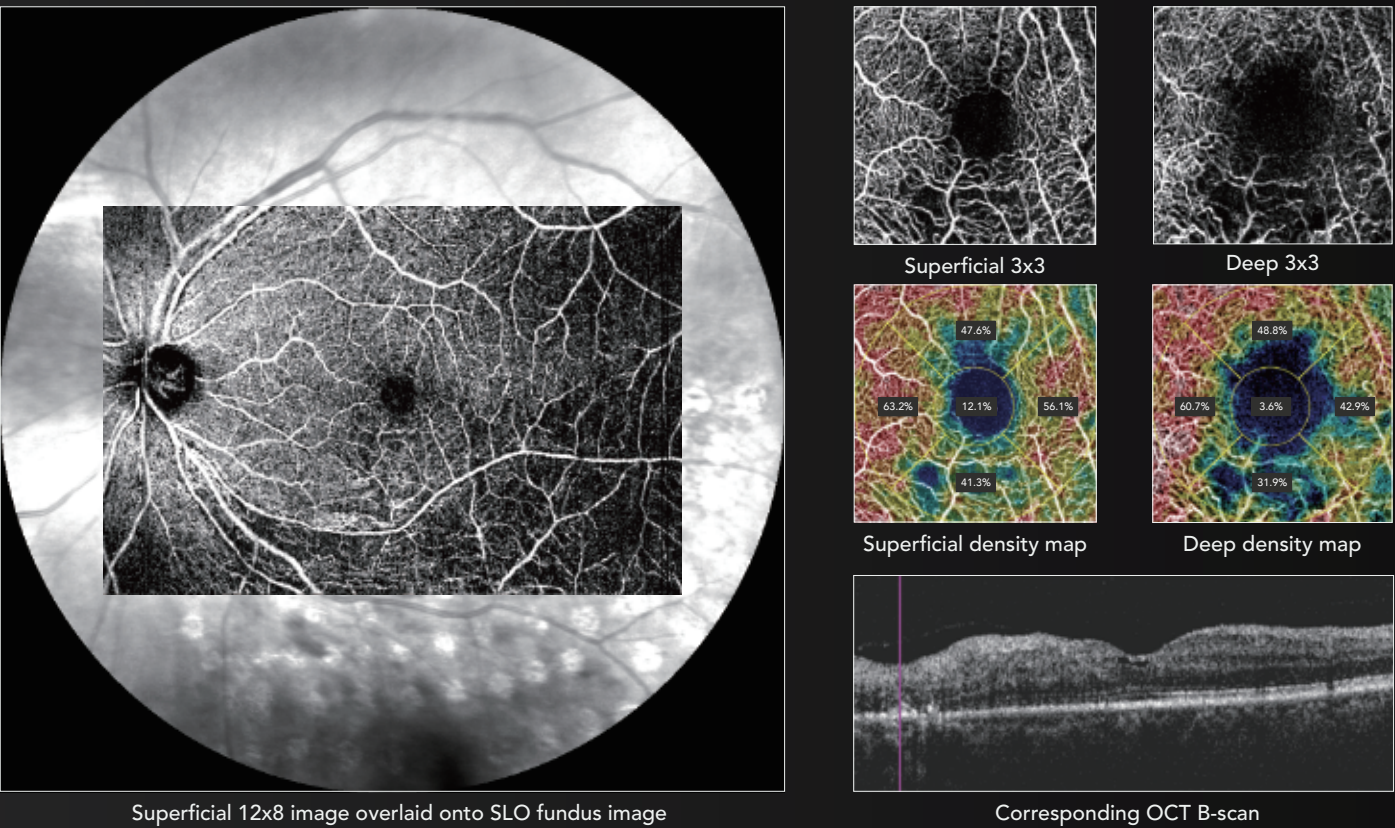
Diabetic Retinopathy (DR)



Central Retinal Vein Occlusion (CRVO)



Branch Retinal Vein Occlusion (BRVO)



SPECIFICATIONS

Scanning Speed	80,000 A-scans per second
Tracking System	SLO-based real-time retinal tracking
OCTA Enface Segmentation	VRI, superficial, intermediate, deep, outer retina, choriocapillaris, choroid
OCTA Algorithm	COMAG (phase + amplitude)
Quantitative Analysis	Retina: density / FAZ / impairment / flow area; optic disc: density

VASCAN™
E S S E N T I A L

VASCAN™
A D V A N C E D

	Scan Area	Imaging	Analysis	Imaging	Analysis
Retina	3 x 3 (256 x 256)	●		●	●
	6 x 6 (512 x 512)			●	●
	8 x 8 (512 x 512)			●	
	12 x 8 (540 x 360)	●		●	
Optic Disc	4.5 x 4.5 (512 x 512)	●		●	●
	6 x 6 (512 x 512)	●		●	

Specifications subject to change without notice.

MOPTIM®

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