Specification (BM-400K)

1 Speed	400,000 A-scan/sec	4 Depth (posterior)	6mm	7 Max. Length (Line)	24mm
2 Axial optical resolution	3.8μm	5 Depth (anterior)	6mm	8 Max. width (OCTA)	24mm
3 Axial digital resolution	1.4μm	6 Field of view	120°	9 Eye tracking speed	128Hz

TOWARD π
Medical Technology

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TOWARD π
Medical Technology

BMizar

| 400KHz | Full-Range SS-OCT |

BMizar

400KHz A–scan speed

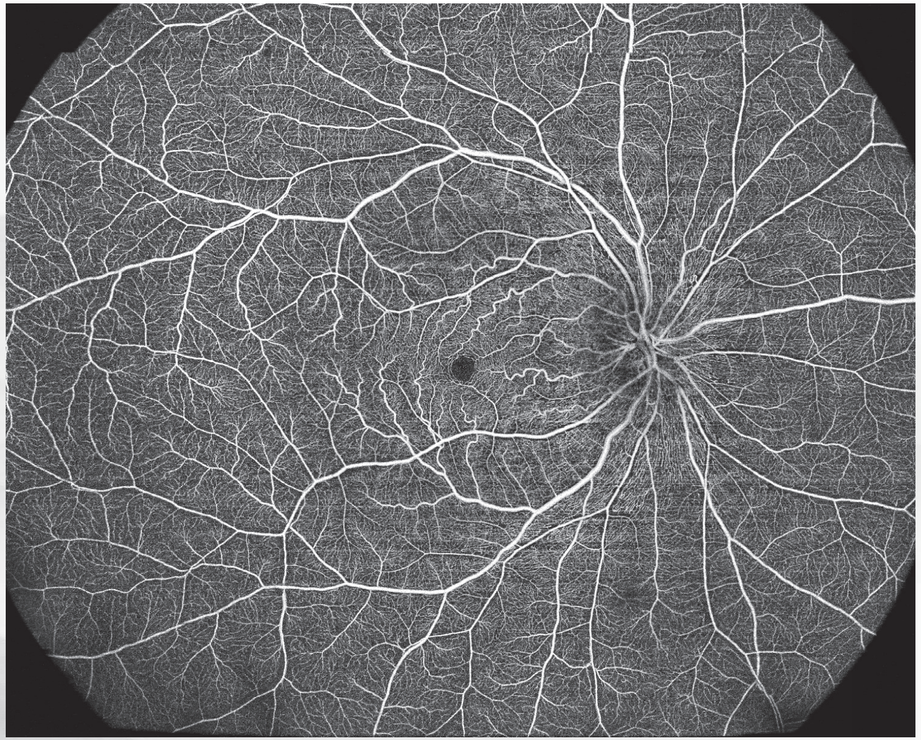
Full–Range wide–field with high resolution

◎ 6mm scanning depth
◎ 24mm B-scan length
◎ 24 x 20mm OCTA
◎ 3.8 μm Axial optical resolution
◎ 1060nm wavelength
◎ 10 Billion maximal voxels
◎ Structure and flow quantification

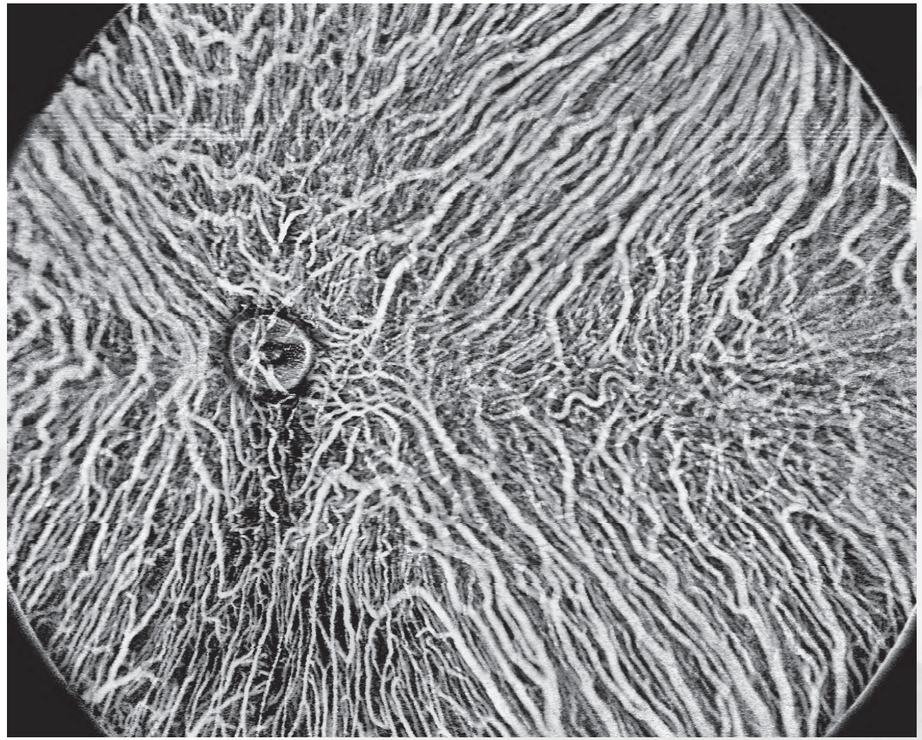
Full Range Swept Source OCT

TowardPi New Flagship

One
Capture
Non-montage



Full Range retina vessels



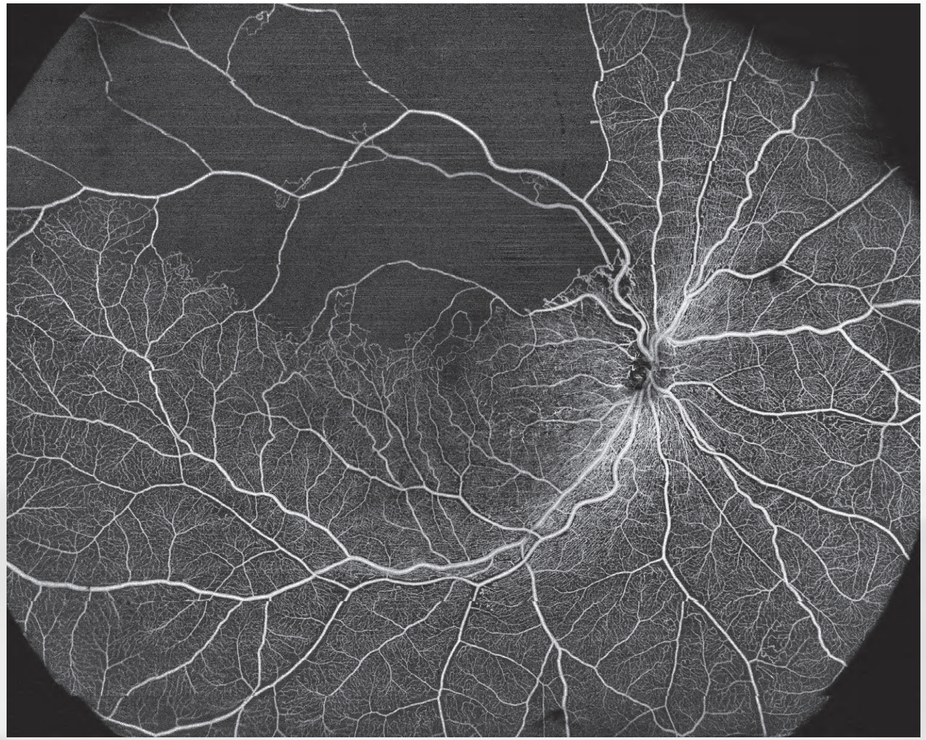
Full Range Choroid vessels

24 x 20 mm

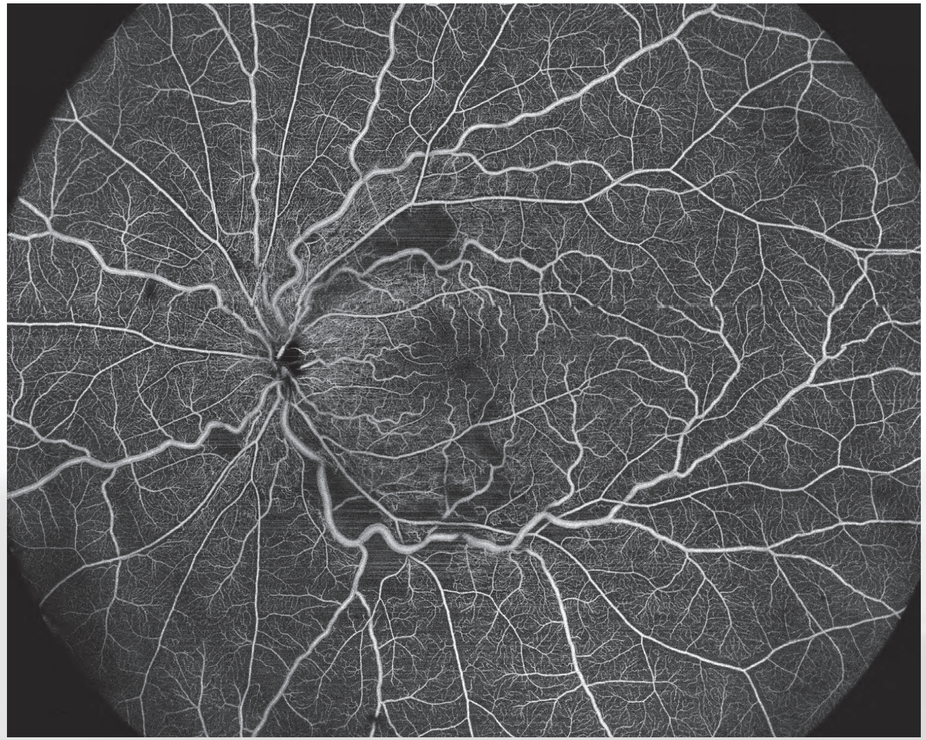
OCTA

(Acquisition time ≈ 15 seconds)

Full Range Wide–field OCTA



Branch Retinal Vein Occlusion Image courtesy: Prof. MingWei Zhao

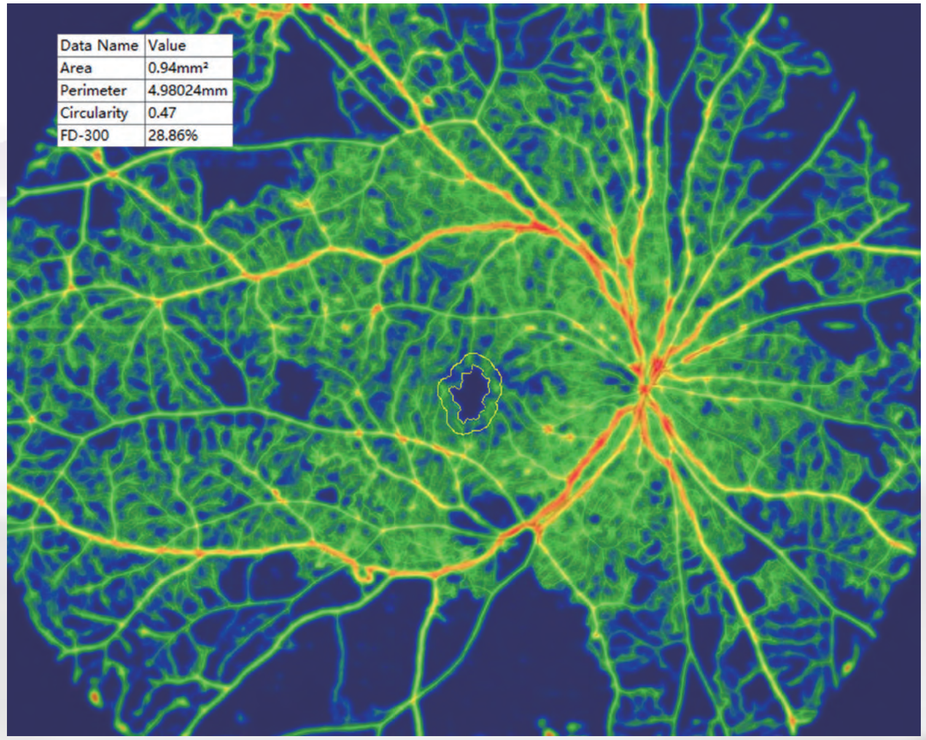


Retinal Vasculitis Image courtesy: Dr. YaoYao Sun

One Capture Non-montage

Full Range Wide–field OCTA

Proliferative Diabetic Retinopathy with NVD Image courtesy: Prof. YouXin Chen

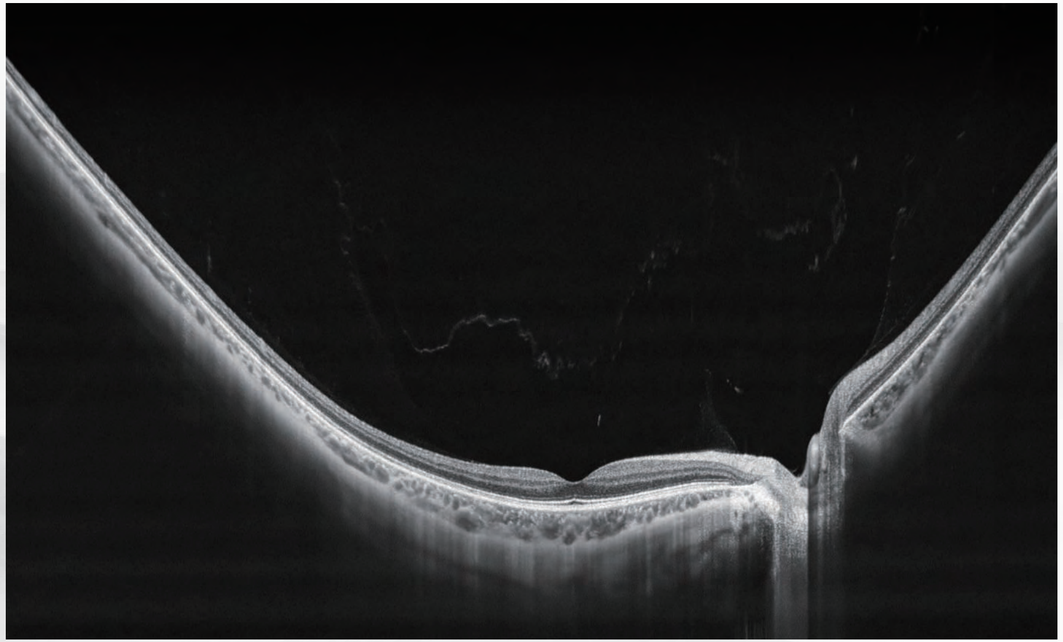


Flow density & FAZ indexes, Diabetic Retinopathy Image courtesy: Prof. HuiJun Qi

24 x 20 mm OCTA

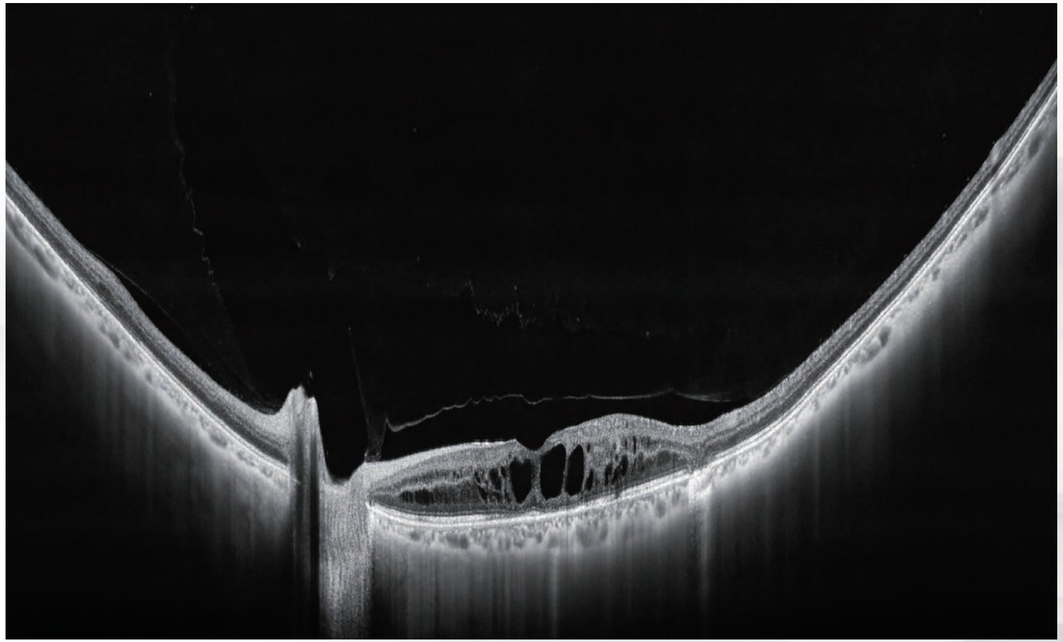
(Acquisition time ≈ 15 seconds)

One Capture Non-montage



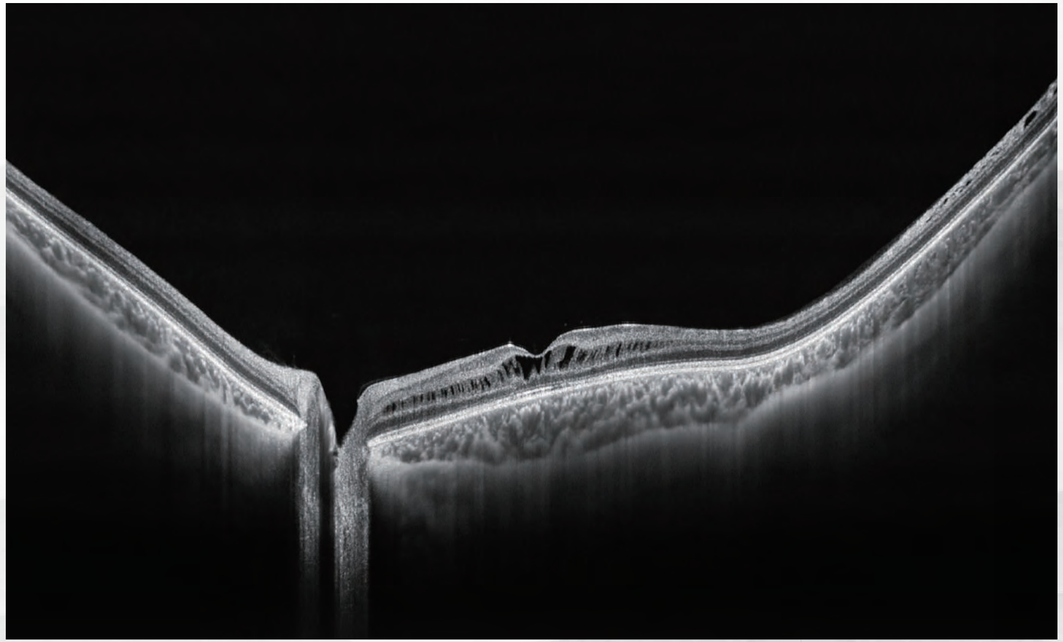
Normal Eye (vitreous, retina and choroid)

24mm length, 6mm depth OCT B–scan



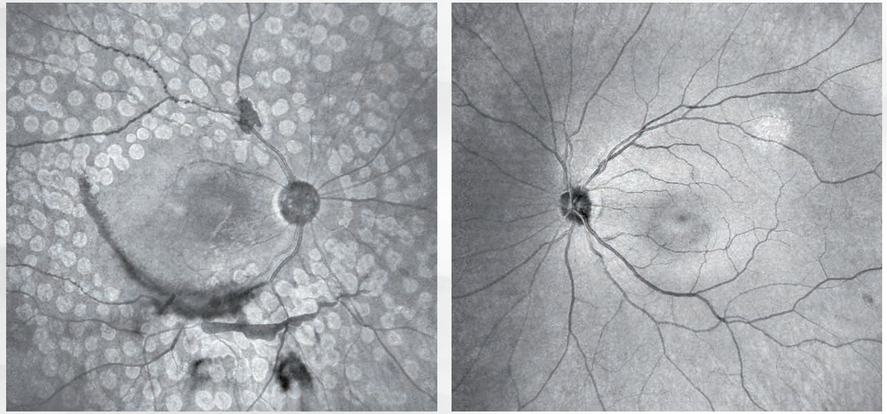
Cystoid macular edema

One Capture Non-montage



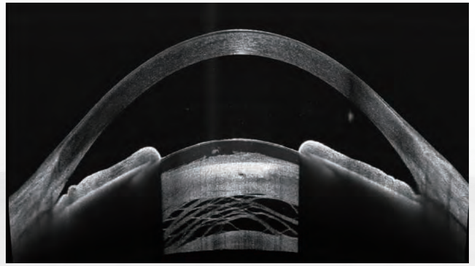
Retinoschisis

Confocal scanning laser ophthalmoscopy (SLO) 80° field of view

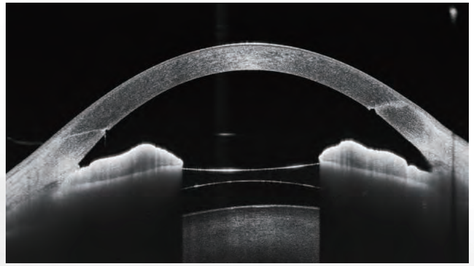


SLO fundus image

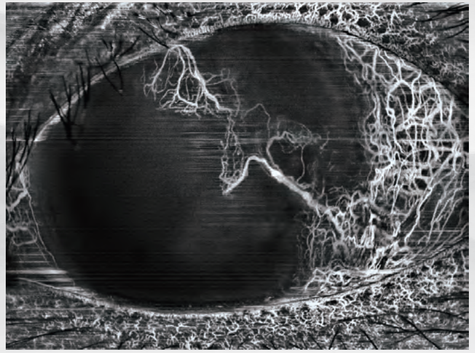
HD Anterior Scan

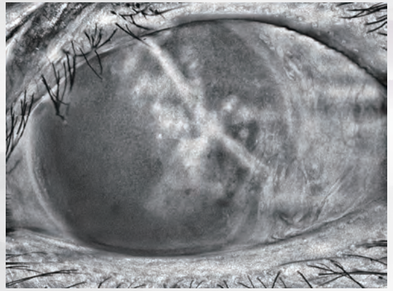


Cataract



Phakic IOL (ICL)



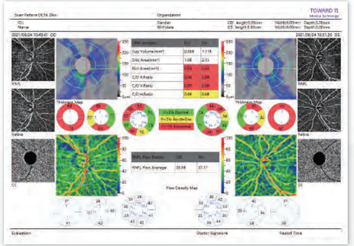


Corneal Neovascularization

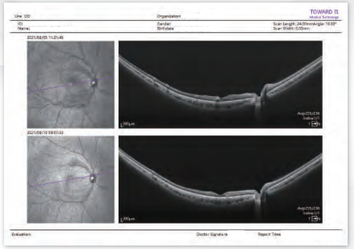
(Image courtesy: Prof. AiJun Deng)

Comprehensive Reports

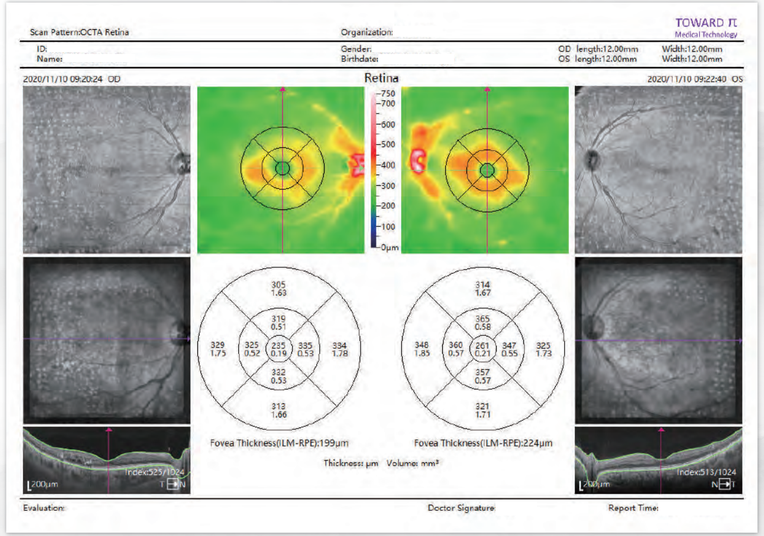
Scan reports can be derived with numerous content according to patterns, slices, slabs, measurements, analysis, etc.



Glaucoma analysis (structure & flow)



Follow–up report



OU report