

M<sup>o</sup>PTIM



Optical Coherence Tomographer

**OSE-2800**

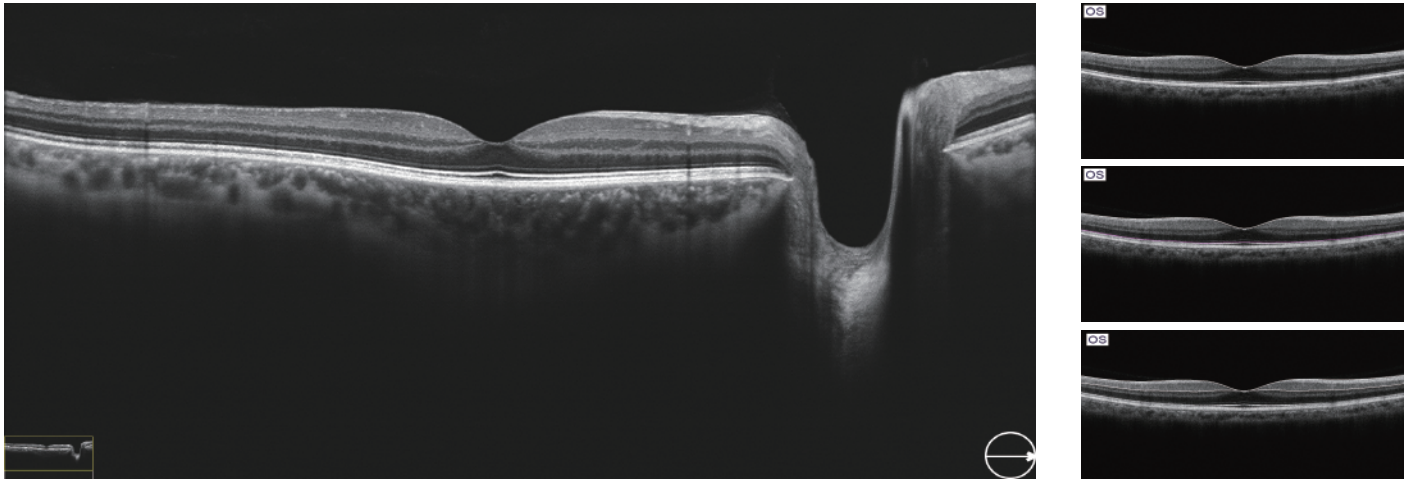
# OSE-2800 **HD-OCT**

THE PERFECT BLEND OF  
**FUNCTIONALITY & AFFORDABILITY**

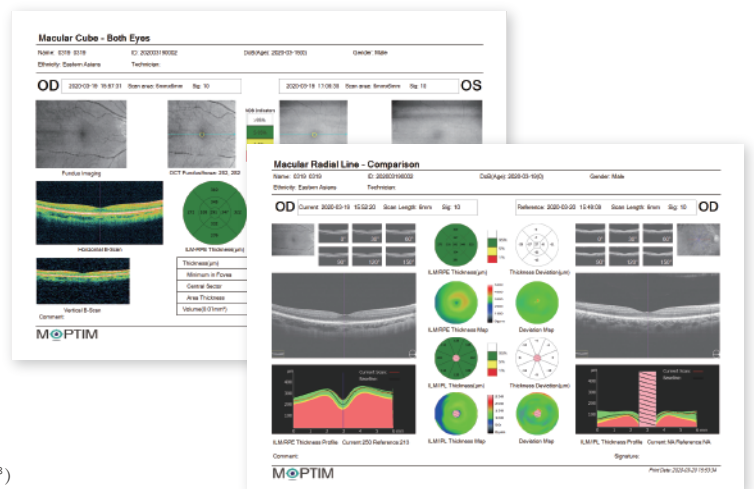
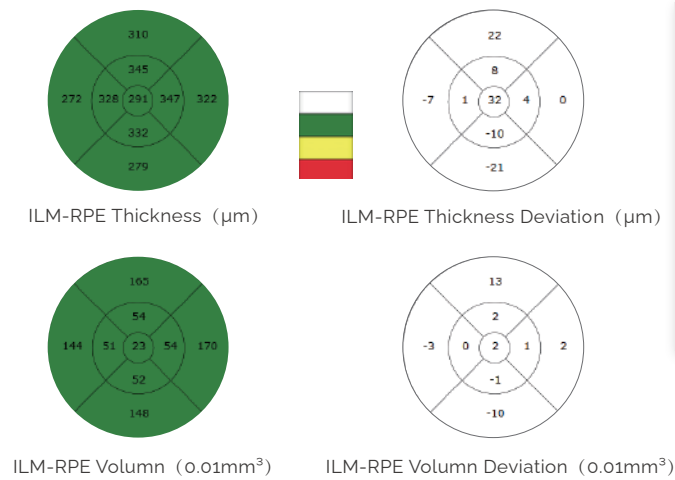


# MACULA

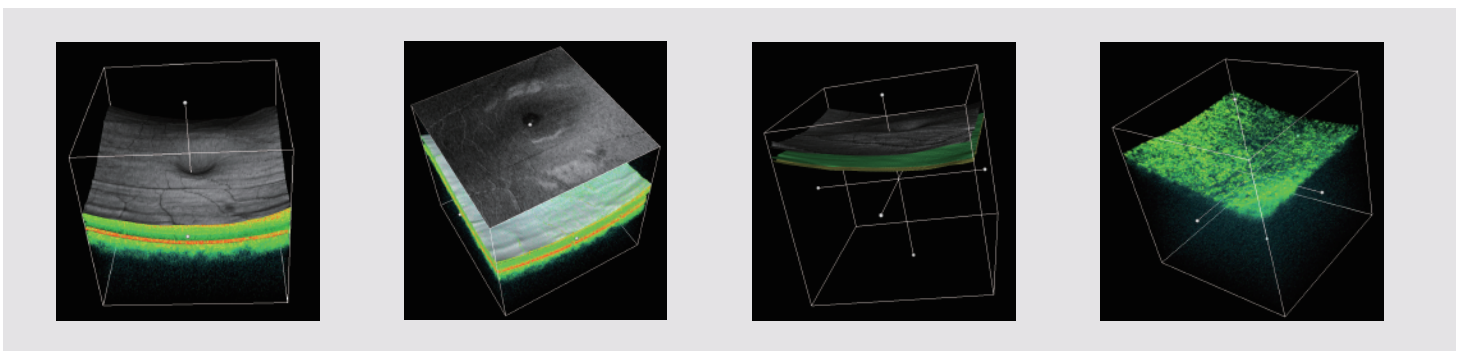
## High definition OCT imaging



A point-by-point assessment of retinal thickness with a 1000 x 100 dense cube with quick data analysis, such as retinal thickness analysis, progression analysis, OU analysis

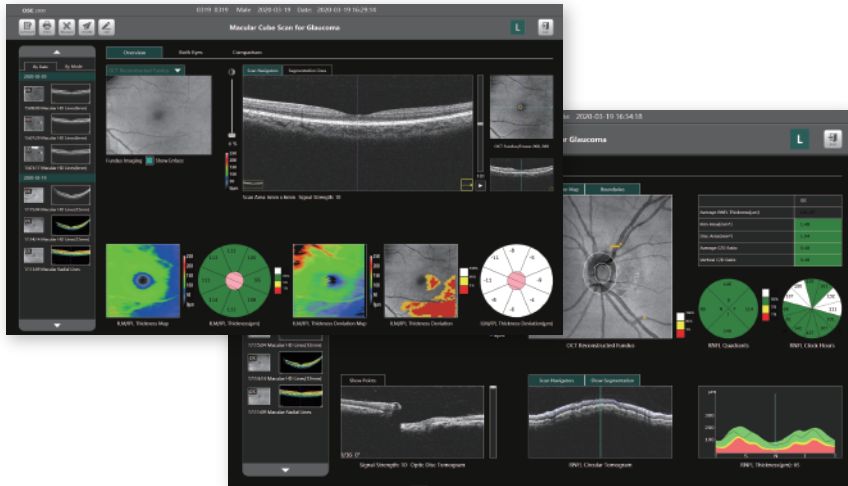


6mm\*6mm range of 3D view clearly shows the whole structure of the macular.



# GLAUCOMA

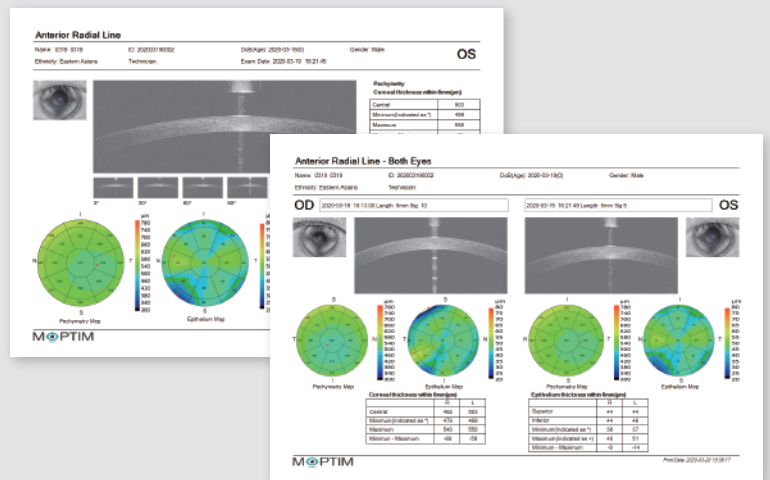
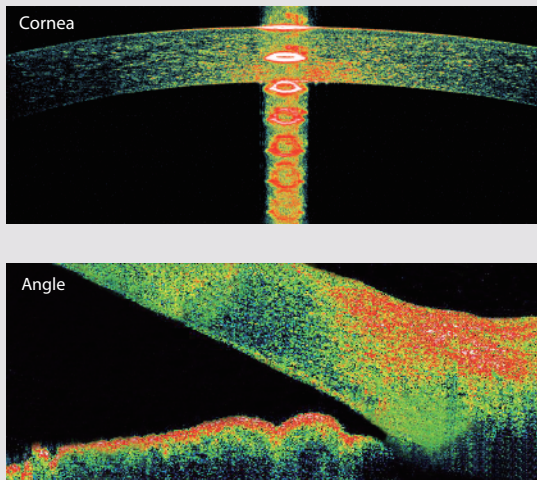
For comprehensive glaucoma analysis, OSE-2800 SD-OCT offers two scan patterns, glaucoma cube scan in macular area for RNFL analysis and glaucoma cube scan in disc area for ONH analysis. Evenly distributed sampling point with 500 x 200 A-scans provides reliable information for early glaucoma detection and management.



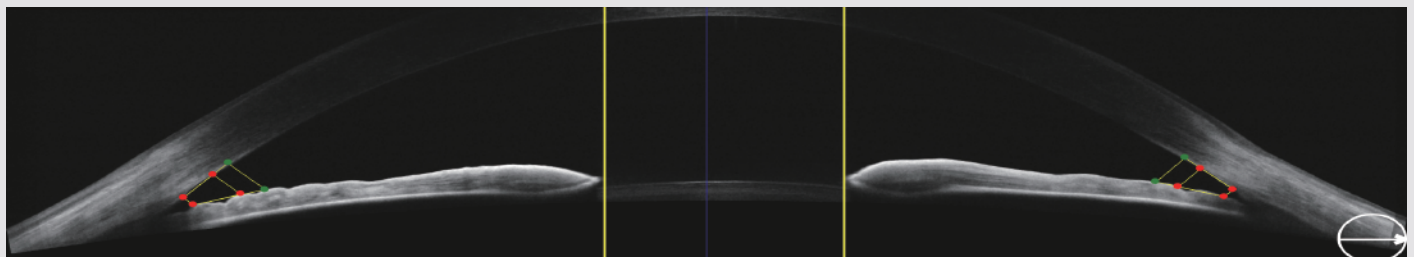
- GCC analysis
- RNFL analysis
- Cup-disc analysis
- OU comparative analysis
- informative reports

# ANTERIOR SEGMENT

Anterior segment module provides the high definition OCT imaging of the cornea and angle and allows for the Corneal thickness analysis, epithelium thickness analysis, with detailed reports.

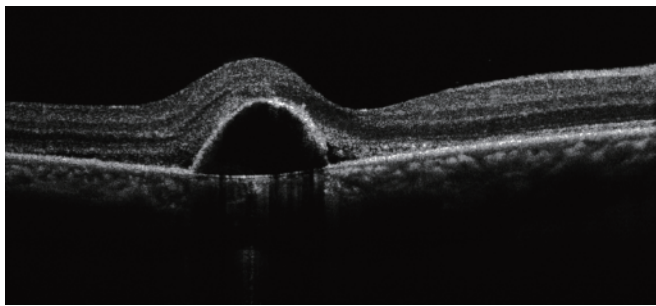


16mm Angle-to-angle analysis

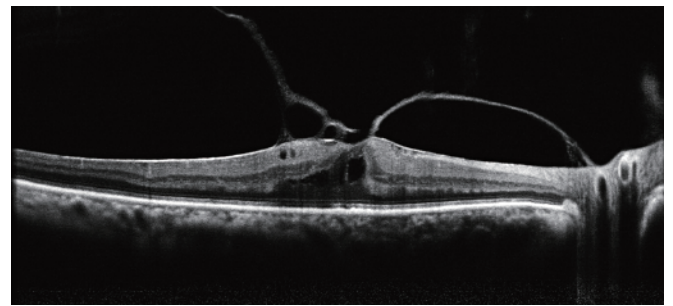


Tempo ral	AOD500	AOD750	TISA500	TISA750	Theta500	Theta750	Nasal	AOD500	AOD750	TISA500	TISA750	Theta500	Theta750
	0.345mm	0.545mm	0.108mm <sup>2</sup>	0.236mm <sup>2</sup>	27.9°	32.2°		0.494mm <sup>2</sup>	0.726mm <sup>2</sup>	0.16mm <sup>2</sup>	0.327mm <sup>2</sup>	25.8°	38.7°

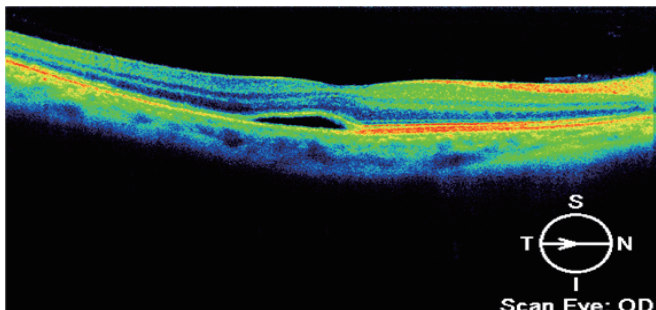
# CLINICAL CASES



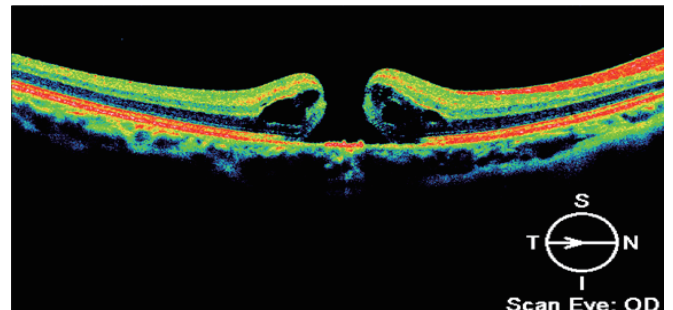
Retinal pigment epithelium detachment



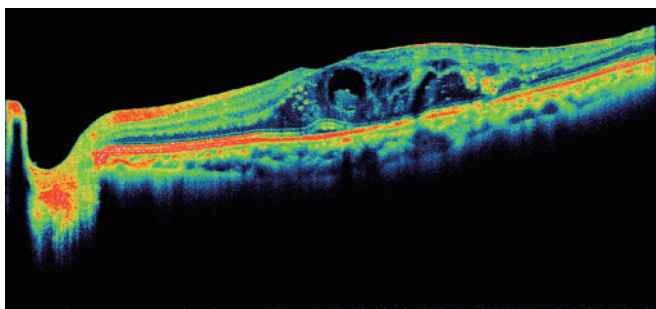
Vitreomacular traction syndrome (VMT)



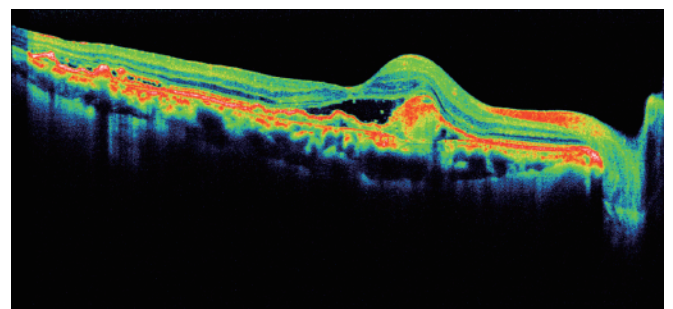
Central serous chorioretinopathy (CSC)



Macular hole



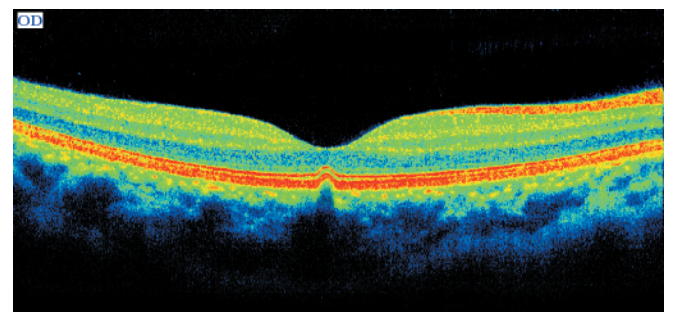
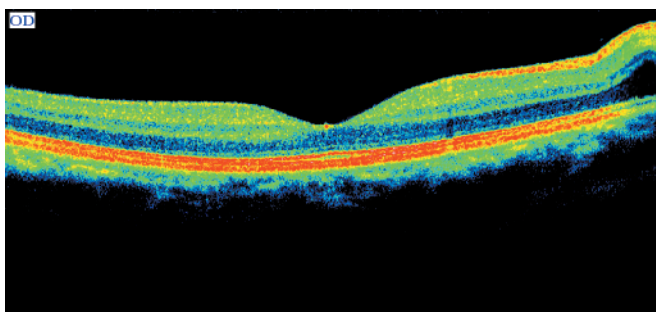
Diabetic retinopathy (DR)



Polypoidal choroidal vasculopathy (PCV)

## Primary Screening

Many eye diseases, if detected at an early stage, can be treated successfully without total vision loss. The OSE-2800 with high-definition OCT imaging capability, allows clinicians to detect early signs of pathological changes in tissue.



# SPECIFICATIONS

OCT IMAGING	
Methodology	Spectral domain OCT
Optical source	Super luminescent diode (SLD), 840 nm
Axial resolution (optical)	5 microns (optical), 3.6 microns (digital)
Transverse resolution	15 microns (optical), 3 microns (digital)
A-scan depth	3 mm
Diopter range	- 20 to + 20 diopters
Scan patterns	Macular: HD line scan (6 / 12 mm), 3D scan (6 mm x 6 mm), 6-line radial scan, Multi (X-Y: 5 x 5); Disc: 3D scan (6 mm x 6 mm) Anterior: HD line scan (6 / 16mm), 6-line radial scan
FUNDUS IMAGING	
Methodology	IR, en face
Minimum pupil diameter	3.0 mm
Field of view	40 x 30 degrees
SOFTWARE ANALYSIS	
Macula	Retina thickness analysis; 3D view; En-face analysis; Deep Choroical Imaging (DCI)
Glaucoma	RNFL analysis; Ganglion cell analysis; Cup-disk analysis; OU comparative analysis
Anterior Segment	Manual measurement; Corneal thickness analysis; Epithelial thinckness analysis
Others	DICOM conformance; Remote viewer software available
ELECTRICAL AND PHYSICAL	
Weight	28.8 kg
Dimension	532 mm (L) x 360 mm (W) x 540 mm (H)
Source voltage	AC 100 - 240 V, 50 Hz - 60 Hz
Power input	90 VA

\* Specifications are subject to change due to product improvement.



**Headquarters: Shenzhen Certainn Technology Co., Ltd.**  
 Address: Bldg. 2-C, Section 2, GOTO Digital Technology Park,  
 Longgang District, No.137 Bulan Rd., Shenzhen 518112, China  
 www.moptim.com                      sales@moptim.cn  
 Tel: +86 0755 8408 4505              Fax: +86 0755 8406 4430

**Distributed by**

**Shenzhen Certainn Technology Co., Ltd.**  
 10/F, Bldg. 2-C, Section 2, GOTO Digital Technology Park,  
 Longgang District, No.137 Bulan Rd., Shenzhen 518112, China  
 www.moptim.com                      sales@moptim.cn  
 Tel: +86 0755 8408 4505              Fax: +86 0755 8406 4430