

Report thumbnail view

DRI OCT Triton series

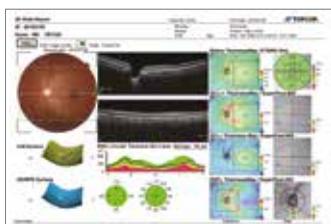
Detailed comprehensive reports



DRI OCT Triton Report view

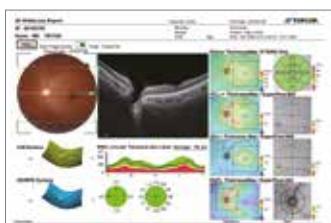
Full comprehensive data analysis

GLAUCOMA & MACULA



12 mm x 9 mm 3D Wide scan

One rapid scan can cover both the macular and disc areas providing more information for efficient diagnosis. This mode provides macular analysis, thickness map of RNFL, GCL+IPL, RNFL+GCL+IPL and a significance map; all data supporting the diagnosis of macular abnormality and glaucoma.

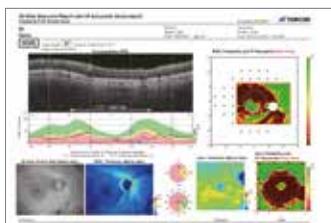


Combination scan

This new scan pattern provides both 3D wide scan (12 mm x 9 mm) and Line / 5 Line Cross / Radial scan. Previous OCT models do not offer the option to capture B-scan and 3D images at the same time. The new combination scan provides a thickness map and a clear B-scan image / images from the 3D data.

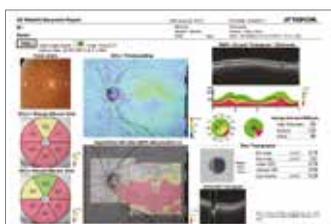


GLAUCOMA



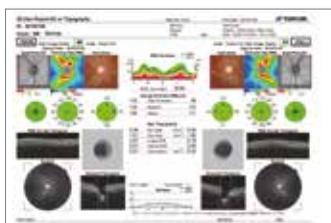
Hood

The newly added glaucoma screening report, which was validated by Dr. Donald C. Hood, Professor of Visual Sciences at Columbia Univ., N.Y. provides visual field test points overlaid by the RNFL thickness significance map that can assist in observing for the probability of glaucoma progression in the patient's visual field.



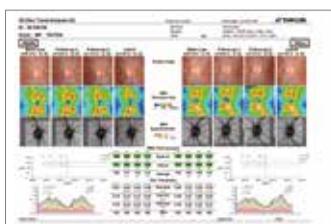
Glaucoma

By a taking 3D wide scan (12mm x 9mm), an efficient diagnosis report for glaucoma is available. Fundus photography, various peripapillary parameters, thickness map, reference database and significance map of RNFL, GCL+IPL and RNFL+GCL+IPL are provided.



3D Disc analysis

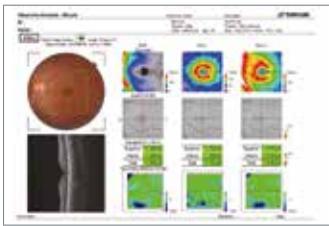
Disc topography combining fundus photography, various peripapillary parameters, and RNFL thickness is available. A normative RNFL database is also incorporated.



Trend analysis (RNFL)

3D disc scans can be compared and analyzed over time, which is useful for glaucoma follow up.



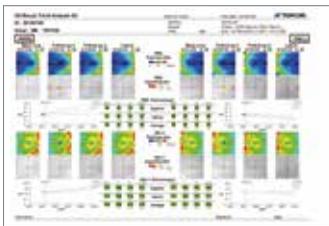


3D Macula glaucoma analysis

With vertical box scan of the macular area, Ganglion Cell Complex (GCC) analysis is available and a normative database for Retinal Nerve Fibre Layer (RNFL), GCC and retina thickness is incorporated.

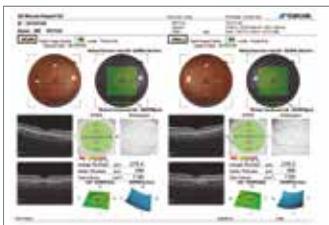


MACULA



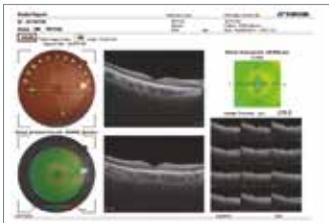
Trend analysis (3D Macula analysis)

Macular analysis of up to 4 sets of macular data (8 results for both eyes), is shown in a report, enabling you to compare old and new patient data.



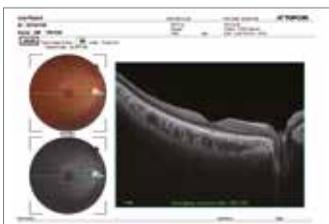
Analysis of 3D Macula

A horizontal box scan can be captured in the macular area, allowing a 3D image to be created; useful for fully understanding the form of the macular area. A thickness map and normative database for retinal thickness are also available.



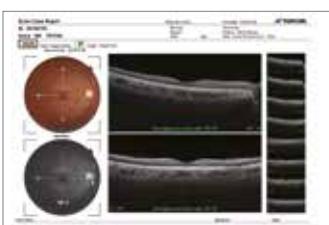
Radial scan

This rapidly captures 12 radial scans of the target area, allowing detailed understanding of a particular area.



Line scan

This captures a high resolution B-scan with a maximum of 128 overlapping slices.



5 Line Cross scan

This captures 5 line scans horizontally and 5 line scans vertically. This is useful for screening and follow up as it will not miss the target position during quick scanning.



ANTERIOR



Anterior Line scan

Limbus to limbus capture of anterior segment through 16 mm scan.

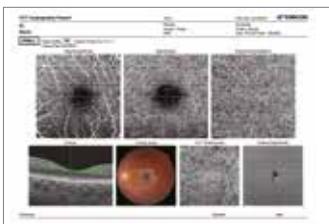
Anterior Radial scan

12 radial scans of the cornea to comprehensively examine the condition of the central cornea. Corneal thickness maps are available.



*The anterior module is optional

OCT ANGIOGRAPHY



OCT Angiography scan

OCT Angiography scans can visualize the retinal microvascular network. It is easy to compare the OCT Angiography image (Superficial, Deep, Outer retina, Choriocapillaris) with the color fundus and B-scan image on a single report. Using IMAGENet 6, an OCT Angiography image can be overlaid on the color fundus image. Scan area: Macula / Center / Disc (3.0 mm x 3.0 mm / 4.5 mm x 4.5 mm / 6.0 mm x 6.0 mm / 9.0 mm x 9.0 mm / 12.0 mm x 12.0 mm).



*Topcon's Swept Source OCT Angiography module is optional

Rich scan protocols

A wide range of scan patterns are clearly laid out, allowing the operator to quickly select the correct pattern.



DRI OCT Triton

3D OPTICAL COHERENCE TOMOGRAPHY

Not available in all countries, please check with your distributor for availability in your country.