

## Posterior Pole Asymmetry Analysis

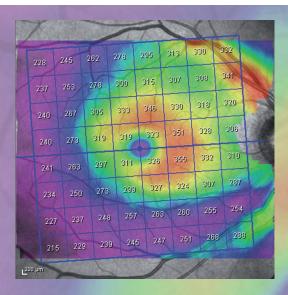
Asymmetry is a hallmark of glaucoma. Posterior Pole Asymmetry Analysis can help identify early glaucomatous damage.

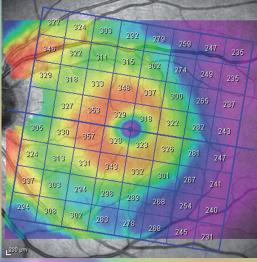
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Glaucoma is a disease that manifests by loss of ganglion cells and axons across the central posterior pole, where the ganglion cells are most concentrated. Retinal thickness reflects glaucomatous damage by marked thinning in the zone surrounding the fovea, extending towards the optic nerve head.

The SPECTRALIS OCT Posterior Pole Asymmetry Analysis combines mapping of the posterior pole retinal thickness with asymmetry analysis between eyes and between hemispheres of each eye.

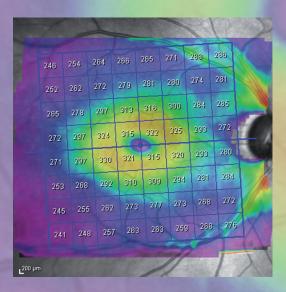
RNFL measurements combined with retina thickness measurement gives a much more robust parameter for glaucoma.

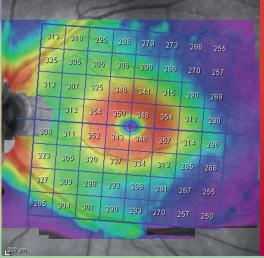




## Case 1:

Retinal thickness map of a glaucomatous eye and its fellow eye. Note the severe localized thinning in the inferotemporal region of the right eye. Asymmetry between eyes and hemispheres illustrates damage.

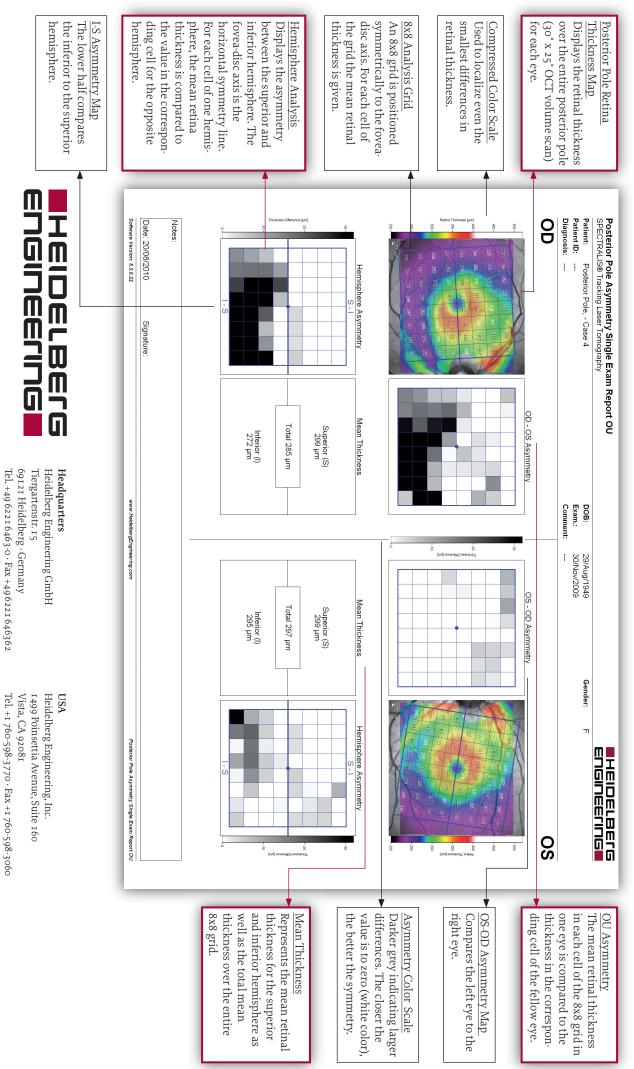




## Case 2:

Retinal thickness map of the right eye shows a significant thinning infero- and superotemporally. A clear asymmetry between eyes becomes visible.

## How to Interpret the Asymmetry Analysis



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