



Glaucoma progression: watch out the fellow, non-progressing eye

The Science behind the Tip

In clinical practice, the detection of visual field progression in one eye usually leads to management modifications in that eye. Less attention is paid to contralateral eyes where visual field remains apparently stable on follow-up. Non-progressing eyes may show significant structural changes despite of any noticeable visual field worsening^{1,2}.

Evidence has shown that a documented structural change represents a risk factor for visual field progression^{3,4}. Hence, the detection of visual field progression in one eye demands a careful evaluation of the fellow eye, in terms of structural change, as measured more frequently with OCT.

References

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- 3) Miki A, Medeiros FA, Weinreb RN, Jain S, He F, Sharpsten L, Khachatryan N, Hammel N, Liebmann JM, Girkin CA, Sample PA, Zangwill LM. Rates of Retinal Nerve Fiber Layer Thinning in Glaucoma Suspect Eyes. *Ophthalmology* 2014. Jul;121(7):1350-8.
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