

Choroidal response to intravitreal bevacizumab in macular edema

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Advantages:

To evaluate choroidal thickness changes in macular edema from different aetiologies after intravitreal bevacizumab.

Methods:

Prospective, non-randomized, evaluation of 34 eyes (34 patients) with macular edema from different aetiologies. BCVA (ETDRS LogMAR), central retinochoroidal thickness at standardised Ascan and foveal thickness at optical coherence tomography were evaluated during 6 months after two intravitreal bevacizumab injections.

Effectiveness / Safety:

Patients with a reduction of choroidal thickness showed a greater improvement of visual acuity ($p=0.008$) and retinal thickness ($p=0.1$) if compared with patients with choroidal thickening.

Take home message:

Intravitreal bevacizumab may provide beneficial effects on the choroid in macular edema. A correlation may be present between retinal and choroidal changes.