

Laser Plus Steroids for DME

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Anti-inflammatory and anti-edema properties typical of steroid molecules can be exploited alone or by means of a therapy combining intravitreal steroids and laser treatment. Many chorioretinal disorders have been treated with a therapy combining intravitreal injection of triamcinolone (IVTA) and laser treatment not always achieving univocal results.

Photodynamic therapy has been associated with IVTA for the treatment of AMD-related CNV in the past years, achieving limited beneficial effects.

Most of the attention has been focused on the positive effects of the combination therapy of laser application and IVTA for the management of proliferative diabetic retinopathy, or for the treatment of macular edema secondary to diabetic retinopathy and branch retinal vein occlusion.

Even though promising, the results are often biased by the design of the study. Further studies with longer-term follow-up and greater number of patients are warranted to assess the clinical relevance of this approach.