

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo PIBIC

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Service (sector)

Cornea and External Disease

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Correlation between Fluorescein and Indocyanine Green Angiography's and Optical Coherence Tomography in Idiopathic Polypoidal Choroidal Vasculopathy

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Purpose: To correlate the role of fluorescein angiography's (FA), indocyanine green angiography's (ICGA) with optical coherence tomography (OCT) in the diagnosis of the Idiopathic Polypoidal Choroidal Vasculopathy (IPCV).

Methods: Comparative data of FA, ICGA and OCT examinations related to fourteen eyes of twelve patients IPCV are presented.

Results: The eyes showed red-orange subretinal mass associated with hemorrhagic detachment of the neurosensory retina and the pigment epithelium. The ICGA was able to demonstrate branching network with vascular dilations in most cases. OCT showed hemorrhagic detachments contiguous to polypoidal mass and also suspicious lesions not demonstrated by the angiographer examination.

Conclusions: The association of clinical manifestations, FA, ICGA and OCT increases the detection of the polypoidal lesions. The combination of the propedeutic methods is useful for the diagnosis and follow-up of patients with IPCV.