

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) Retina and Vitreous N° CEP

OCULAR COHERENCE TOMOGRAPHY (OCT) ANALYSIS IN AGED-RELATED MACULAR DEGENERATION (ARMD) PATIENTS TREATED WITH PHOTODYNAMIC THERAPY (PDT) VERTEPORFIRIN

BORDON, AF; OSHIMA, O; FARAH, M; GUIA, TA; CALLUCI, D. PURPOSE: To evaluate the OCT findings in patients with ARMD treated with Photodynamic Therapy (PDT) with Verteporfin. METHODS: Patients with ARMD and predominately classic choroidal neovascularization on fluorescein angiogram were prospectively studied. Complete ocular examination, fluorescein angiograms, and OCT scans using the 6 radius sans pattern were obtained before treatment, 3, 6, 9, and 12 months after initial presentation. RESULTS: Twenty-three eyes of 23 patients were enrolled. Thirteen patients (56.5%) were male and 10 (43.5%) were female. A mean of 4 scans (range, 3 -5) studies were performed in all patients. Fluorescein angiograms were compared to OCT scans in each visit. Re-treatments were carried out according to the PDT protocol. OCT scans were classified according to the presence of liquid, thickness, and miscellaneous findings. CONCLUSIONS: OCT is an objective and helpful test to evaluate patients with ARMD treated with PDT with verteporfin. Combined analysis of fundus biomicroscopy, fluorescein angiograms, and OCT scans may be helpful in the treatment of ARMD using PDT with verteporfin.