

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

“Analysis of Ocular Coherence Tomography (OCT) in Aged-Related Macular Degeneration (ARMD) patients treated with Photodynamic Therapy (PDT) with Verteporfin”

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Purpose: To evaluate the OCT findings in patients with ARMD treated with Photodynamic Therapy with Verteporfin Methods: Patients with predominantly classic subretinal neovascularization were submitted to ophthalmological examination, fluorescein angiograms and OCT scans before treatment, 3, 6, 9, and 12 months after initial treatment. Results: Twenty-three eyes of 23 patients were enrolled. Thirteen patients (56,5%) were male and 10 (43,5%) were female. A mean of 4,04 OCT scans were performed in all patients (3-5 exams). Fluorescein angiograms were compared to OCT findings in each visit. Re-treatment were decided upon the fundus biomicroscopy and fluorescein findings. When there was an agreement between two examiners, treatment was carried out. In cases of disagreement, the third author set the dispute. Conclusion: OCT is an objective and helpful test to evaluate patients with ARMD treated with PDT with verteporfin and may help clinical decision to re-treat or not such patient. Further studies are needed to confirm the findings of this pilot study.