

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo
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Service (sector) Retina and Vitreous Nº CEP

Photodynamic Therapy in Age-Related Macular Degeneration: One-year results Authors: Oshima A, Farah ME, Sallum JF, Costa RA, Bordon AF
Institution: Universidade Federal de São Paulo - Escola Paulista de Medicina - SP Purpose: To present one-year results of photodynamic therapy (PDT) in cases of classic and predominantly classic subfoveal choroidal neovascular membrane in age-related macular degeneration. Methods: Prospective analysis of 131 patients presenting with subfoveal choroidal neovascular (CNV) membranes due to age-related macular degeneration (ARMD). 23 patients presenting predominantly classic and predominantly classic membranes were included and treated with verteporfin (Visudyne, Ciba Vision), using 6 mg/m² of body surface area, with light irradiation delivered by Zeiss Visulink Adapter, 15 minutes after infusion, at 50 J/cm². Results: A total of 13 patients were male and 10 were female, age ranged from 61 to 85 years old (mean = 72,9 yo). Right eye was affected in 14 patients and left eye in 9 patients. Initial visual acuity (VA) ranged from 20/60 to 20/200 (mean = 20/170). At 12 month follow-up the visual acuity (VA) ranged from 20/63 to 5/160 (mean = 20/270). The lesion size at baseline ranged from 2,3 to 5,4 mm (mean = 3,7 mm) and at 12 month follow-up ranged from 0,7 to 5,1 mm (mean = 3,0 mm). Conclusions: Photodynamic therapy (PDT) using verteporfin seems to be an efficient tool in managing selective cases of predominantly classic and classic subfoveal choroidal neovascular (CNV) in aged-related macular degeneration (ARMD).