

R1 R2 R3 PG0 PG1 Estagiário Tecnólogo PIBIC

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Service (sector)

Retina and Vitreous

Nº CEP

Diffuse unilateral subacute neuroretinitis: Case Report

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Purpose: To present a case of Diffuse Unilateral Subacute Neuroretinitis (DUSN) that was treated with argon laser photocoagulation. Current diagnostic criteria and modalities of treatment are reviewed.

Methods: Case Report.

Patient presentation: A 22 years old female presented with a two months history of decrease in visual acuity in her left eye. A complete ophthalmological examination was performed including retinography, fluorescence angiography, ocular coherence tomography (OCT) and electroretinogram.

Results: The patient's visual acuity was 20/25 and 20/200. A motile round worm was noted in the perimacular region of her left eye and around it a hypochromic lesion and vitreous cells (3+).

Eighteen days later she was submitted to an argon laser photocoagulation of the worm. One week after this treatment her visual acuity was 20/100 in her left eye and the inflammation was better.

Conclusion: Diffuse Unilateral Subacute Neuroretinitis is relatively rare. Fundus photography and care in the picture exam is very useful for locating the worm and the best treatment is the argon laser photocoagulation. Our patient had an improvement in her visual acuity after treatment.