

Images in clinical medicine

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Ocular toxoplasmic scar: a rare clinical image of an immunocompetent patient

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Image in medicine

A thirty-six-year-old male patient came with complaints of diminution of vision in the right eye for 10 years. He did not give a history of ocular trauma, redness or pain in that eye, seizures or any previous treatment. He is a non-vegetarian. There is no history of contact with cats. Clinically, the anterior segment examination of both eyes was normal. His best corrected visual acuity (BCVA) in the right eye was 6/60, and his left eye was 6/9, and intraocular pressure in both eyes was within normal limits. Posterior segment evaluation by direct ophthalmoscopy revealed a chorioretinal scar in the right macular area, fundus photograph showing a chorioretinal scar in the right macular area, which was secondary to toxoplasmosis characterised by the presence of a lesion surrounded by a

hyperpigmented edge and yellowish colour appearing at the centre characteristic of the atrophic scar. The rest of the fundus and vitreous in both eyes were normal. Enzyme-linked immunosorbent assay (ELISA) of serum for anti-toxoplasma IgG antibodies showed high titers,

more than 1:11. ELISA for human immunodeficiency virus was negative. Our patient could not receive active treatment for the right eye macular scar as the visual loss is irreversible. The patient was advised a regular six-monthly follow-up to detect any recurrences.

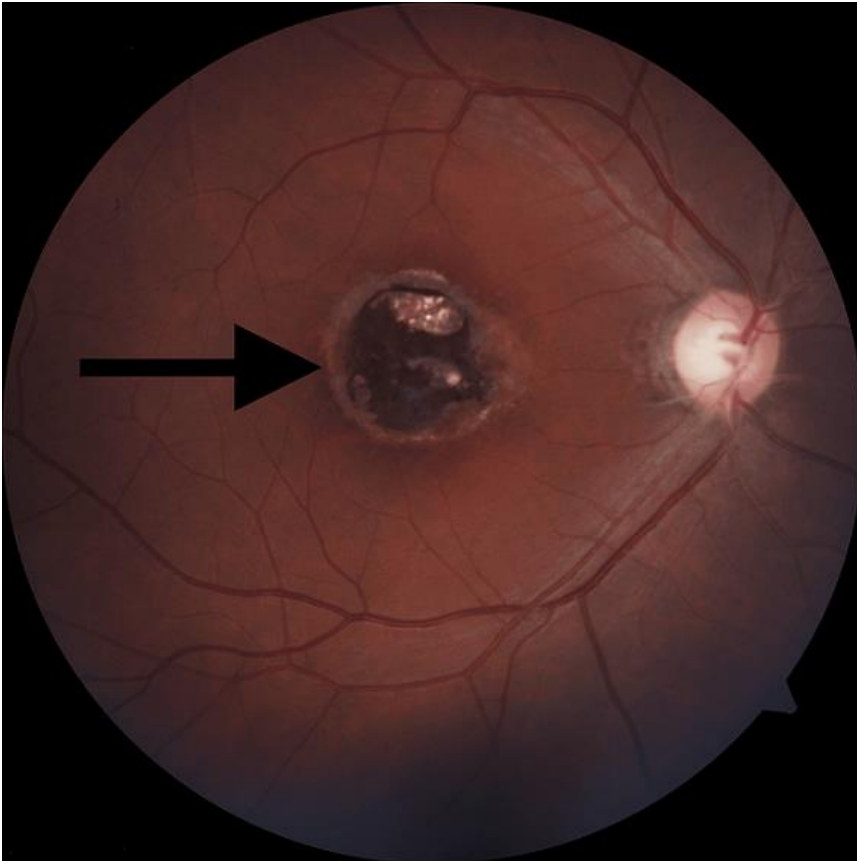


Figure 1: fundus photograph showing a chorioretinal scar in the right macular area, which was secondary to toxoplasmosis characterised by the presence of a lesion surrounded by a hyperpigmented edge and yellowish colour appearing at the centre characteristic of the atrophic scar