DIVERSE CLINICAL PRESENTATIONS OF OCULAR CAT SCRATCH DISEASE IN A TERTIARY EYE CARE CENTER IN TURKEY

M. Oray¹, S. Onal², A. Ashour¹, A. Koc¹, M. Suha Ogut¹
¹Marmara University, School of Medicine, Department of Ophthalmology, Istanbul, Turkey
²VK Foundation American Hospital, Department of Ophthalmology, Istanbul, Turkey

Purpose: To describe the ocular manifestations of systemic Bartonella hensalae infection.

Methods: Review of clinical, laboratory and photographic records of patients diagnosed with ocular cat scratch disease (CSD).

Results: Ocular signs of CSD were (1) neuroretinitis with macular star, papillitis with focal retinochoroiditis and serous retinal detachment involving the macula and the inferior periphery; (2) endophalmitis; and (3) focal retinochoroiditis with an incomplete macular star in one patient, each. The diagnosis was supported by the presence of high anti-B henselae serum antibody titers in all patients.

Conclusion: Although neuroretinitis with a macular star has been reported as the most common ocular sign of CSD, different presentations suggest a wider spectrum of intraocular disease.