

Myelinated Retinal Nerve Fiber Layer (MNFL) as a Benign Condition

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1. Clinical Images

Myelinated retinal nerve fiber layer (MNFL) is a rare congenital anomaly that can appear as opaque grayish-white striated patches on the superficial retina with soft edges that obscure retinal details. It may be acquired according few reported cases. It is usually a unilateral condition. Most of the cases are found in the disco. It remains stable over time and has no impact on visual development. Although, on occasions, it is associated with other pathological

conditions such as myopia, amblyopia or strabismus, which can darken the visual prognosis.

We present the case of a 45-year-old man who attended a routine ophthalmological evaluation after starting treatment with hydroxychloroquine for rheumatic condition. Fundus examination showed papillary myelin fibers in both eyes, predominantly in the right eye. The rest of the examination, such as OCT and visual field tests, were unremarkable. Patient have a fully developed visual acuity and have never shown any ophthalmologic symptoms.

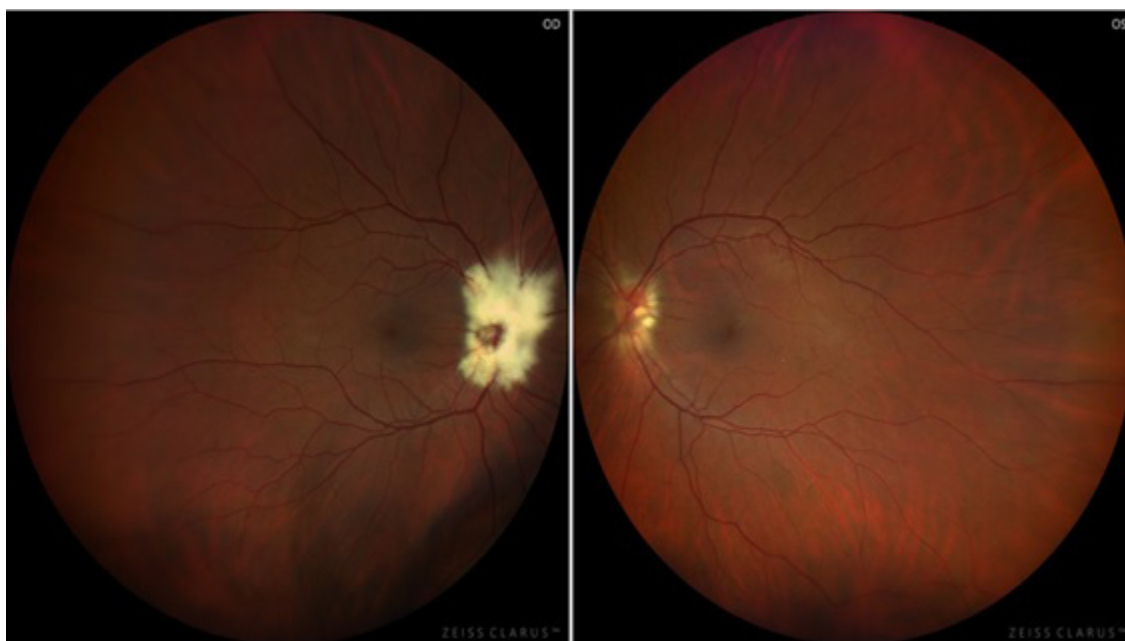


Figure 1: Myelinated retinal nerve fiber layer in a 45 years old male patient.

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