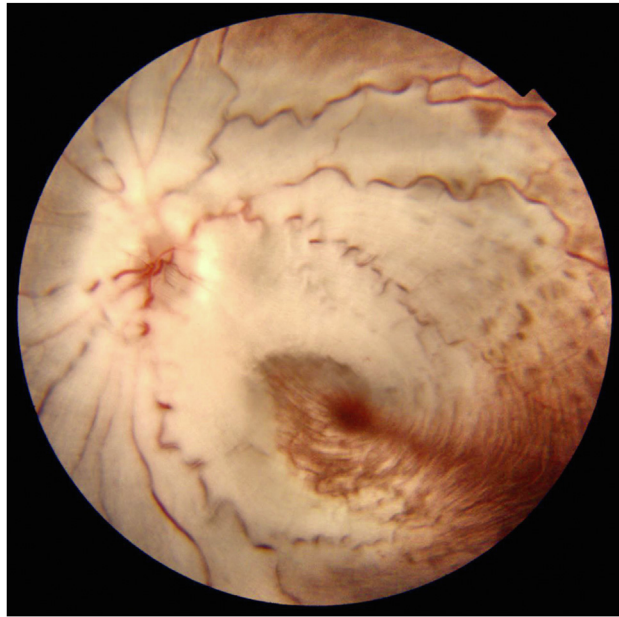


Pictures & Perspectives



Syndrome of Myelinated Nerve Fibers, Hyperopia, Strabismus, and Amblyopia

A 17-year-old girl presented with left esotropia of 15°, which was present since she was 2 years old. Her logarithm of the minimum angle of resolution visual acuity was 0 in the right eye and 1.8 in the left eye, which improved to 1.20, with + 4.5 diopters. A left fundus examination revealed extensive myelinated nerve fibers involving the posterior pole, leading to vascular tortuosity and obscuration. Myelinated nerve fibers are known to be associated with myopia, strabismus, and amblyopia, although its association with hyperopia is much less common. The cause of amblyopia was attributable to a combination of anisometropia, strabismus, and visual deprivation due to macular involvement of the myelinated nerve fibers in this patient. Magnified version of [Fig 1](#) is available online at www.ophtalmologyretina.org.

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