

Unilateral Myelinated Nerve Fibers Associated With Ipsilateral Myopia and Amblyopia

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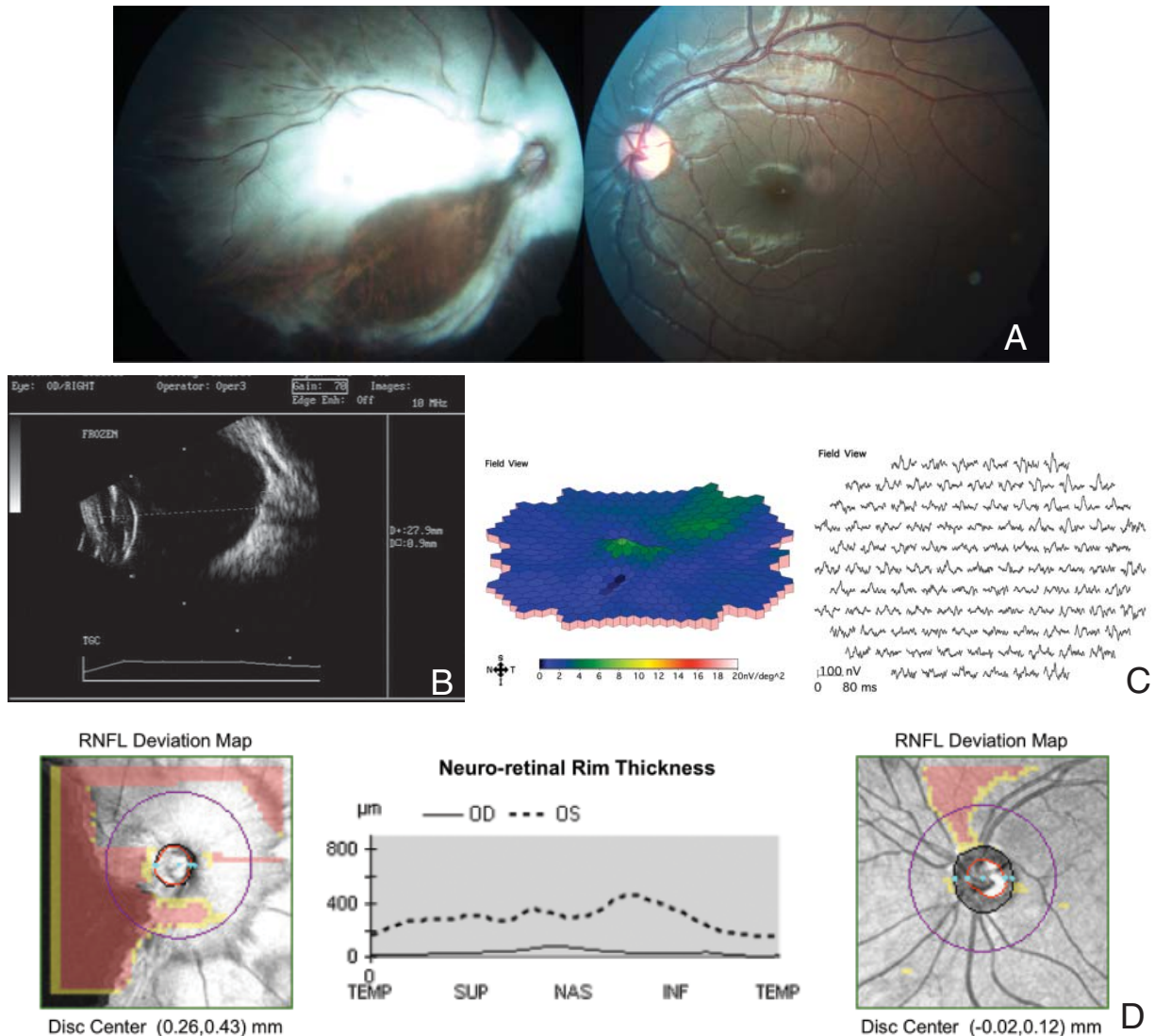


Figure. (A) The right eye of a 13-year-old girl showing extensive peripapillary myelinated nerve fibers involving the macula. The optic disc is hypoplastic and the left eye is normal. Best-corrected visual acuity was 20/400 and 20/20 in the right and left eyes, respectively. (B) B-scan ultrasonography of the right eye shows an axial length of 27.9 mm, indicating axial myopia. The refractive error in the right eye was -13.0 diopters. (C) Multifocal electroretinogram of the right eye showing trace array and three-dimensional plot showing reduced amplitudes of electrical impulses. (D) Cirrus optical coherence tomography (Carl Zeiss Meditec, Inc., Dublin, CA) of the optic nerve heads showing thinned neuroretinal rim in the right eye, suggestive of a dysplastic optic disc.

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