Ophthalmic Images

Acute Annular Outer Retinopathy in a Patient Aged 29 Years

Hun Young Lim, MD; Un Chul Park, MD, PhD; Kunho Bae, MD

A Baseline fundus photography with deep retinal annular lesion

B Follow-up photography after 6 wk with resolution of the annular lesion



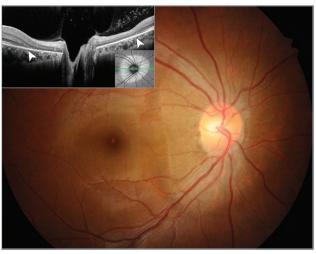


Figure. A, Baseline image showing a deep retinal annular lesion surrounding the optic disc. B, Six weeks later, the boundaries of the annular lesion had resolved, but the degeneration of the outer retina remained.

A 29-year-old Korean female presented with visual field defect and photopsia in her right eye that occurred abruptly 5 days before her visit. On examination, her best-corrected



CME at jamacmelookup.com

visual acuity was 20/20 OU. Fundus examination of the right eye revealed a welldemarcated, yellowish-white, deep retinal annular band

surrounding the optic disc (Figure, A). Visual field test showed an enlarged blind spot in her right eye. Autofluorescence imaging showed zonal hyperautofluorescence within a demarcated area, and optical coherence tomography showed disruption of the outer retina (Figure, A, inset arrows). Six weeks later, her symptoms improved, and the annular lesion boundaries disappeared. However, the outer retinal degeneration remained (Figure, B).

ARTICLE INFORMATION

Author Affiliations: Department of Ophthalmology, Seoul National University Hospital, Seoul, South Korea.

Corresponding Author: Kunho Bae, MD, Department of Ophthalmology, Seoul National University Hospital, 101 Daehak-ro, Jongno-gu, Seoul 03080, South Korea (luben81@gmail.com). Conflict of Interest Disclosures: None reported. Additional Contributions: We thank the patient for granting permission to publish this information.