

Ophthalmic Images

Retinal Annular Ring Lines of White Without Pressure

Mengmeng Zhang, BD; Man Du, MD; Shuting Wang, BD

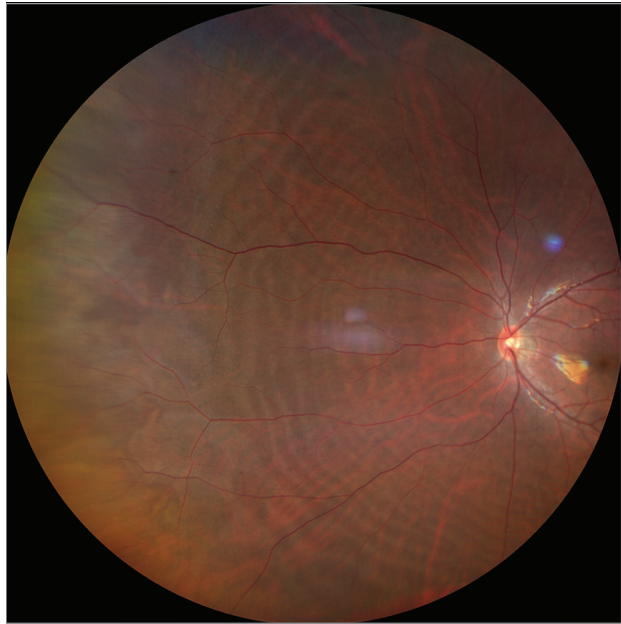
A Retinal annular rings, right eye**B** Retinal annular rings, left eye

Figure. Fundus photograph of an 18-year-old male patient with white, tree ring-like findings in the retina of both eyes. These are known as retinal annular ring lines of white without pressure.

On performing a preoperative examination of an 18-year-old male for corneal refractive surgery, white retinal annular rings were found in the fundus bilaterally. The corrected visual acuity was 20/20 OU. Fundus photography showed white, tree ring-like find-



CME at jamacmelookup.com

ings in the retinas of both eyes, with peripheral retinal whitening (Figure). No other retinopathy was present. A diagnosis of retinal annular ring lines of white without pressure was made. The clinicopathological relevance of white without pressure is unknown. The patient was counseled that this benign finding is more common in patients with myopia and generally does not require treatment.

ARTICLE INFORMATION

Author Affiliations: Huaxia Eye Hospital Group
Jinan Huashi Eye Hospital, Jinan, China (Zhang);
Eye Hospital of Shandong First Medical University
(Shandong Eye Hospital), Jinan, China (Du, Wang).

Corresponding Author: Man Du, Eye Hospital of
Shandong First Medical University, Jinan Jinsi Rd No. 372,
Jinan 250021, China (bzmcduman@126.com).

Conflict of Interest Disclosures: None reported.

Additional Contributions: We thank the patient for
granting permission to publish this information.