

Presented at: American Academy of Ophthalmology Meeting Paper, October 2014, Chicago, Illinois (interim results).

Financial Disclosure(s):

The author(s) have made the following disclosure(s): M.O.P. and F.W.P.: Personal fees – Staar Surgical and Transcend; Grants – Bausch & Lomb; and other from Calhoun Vision, TearLab, RevitalVision, Interactive Medical Publishing, and Alphaeon, outside the submitted work.

F.A.B.: Personal fees – Abbott Medical Optics, Allergan, Bausch & Lomb, Glaukos, LENSAR, Omeros, Omega Health, and ReFocus Group; and other from Alphaeon, outside the submitted work.

D.S.D.: Personal fees, nonfinancial support, and other – AcuFocus and Alphaeon; Personal fees and nonfinancial support – Alcon and Abbott Medical Optics, outside the submitted work.

W.I.B.: Reports other from Alphaeon, outside the submitted work.

The Cornea Research Foundation of America and the participating physicians provided the funding for the study. No funding was provided by government or industry.

Author Contributions:

Conception and design: MO Price, FW Price

Data collection: MO Price, DA Price, Bucci, Durrie, Bond, FW Price

Analysis and interpretation: MO Price, DA Price, Bucci, Durrie, Bond, FW Price

Obtained funding: MO Price, FW Price

Overall responsibility: MO Price, DA Price, Bucci, Durrie, Bond, FW Price

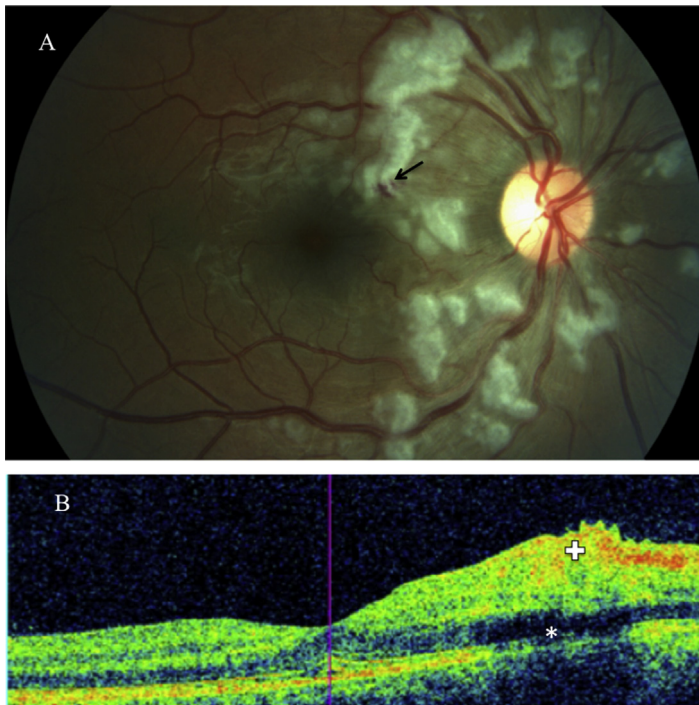
Abbreviations and Acronyms:

D = diopters; **LASIK** = laser in situ keratomileusis; **PROWL** = patient reported outcomes with LASIK; **SD** = standard deviation; **SE** = spherical equivalent.

Correspondence:

Marianne O. Price, PhD, Cornea Research Foundation of America, 9002 N. Meridian Street, Suite 212, Indianapolis, IN 46260. E-mail: mprice@cornea.org.

Pictures & Perspectives



Purtscher's Retinopathy

A 24-year-old man reported “clouding” of vision in the right eye hours after jumping off a roof. He suffered contusion injuries of his left leg and scalp. Ophthalmoscopy of the right eye revealed cotton wool spots in a peripapillary configuration with macular involvement (A) and 1 flame hemorrhage (arrow). Optical coherence tomography (B) showed hyperreflectivity of the nerve fiber layer (cross) and disruption of photoreceptors (asterisk). Purtscher's retinopathy is trauma-induced embolization of retinal vasculature (likely leukocyte, platelet, fibrin, or fat emboli), with infarction of the nerve fiber layer. There is no consensus treatment.

REHAN M. HUSSAIN, MD

CHI-WAH YUNG, MD

Department of Ophthalmology, Indiana University School of Medicine, Indianapolis, Indiana