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MD, PhD, Andrew Flint, MD, Michael P. Epstein, PhD, Michael Boehnke, PhD, and Julia E. Richards, PhD

The authors describe the clinical progression, histopathology, and genetics of a woman with a retrocorneal membrane extending onto the crystalline lens, and intraocular lens associated with posterior polymorphous corneal dystrophy, over a 17-year period.

• **471 The magnitude and cost of global blindness: an increasing problem that can be alleviated.** Kevin D. Frick, PhD, and Allen Foster, FRCS, FRCOphth

This study updates and refines earlier work on the global economic productivity loss associated with blindness and has the potential to help policy makers interpret the impact of unaccommodated blindness on the world's economy.

• **477 Reduced oscillatory potentials of the full-field electroretinogram of eyes with aphakic or pseudophakic cystoid macular edema.** Hiroko Terasaki, MD, Kensaku Miyake, MD, and Yozo Miyake, MD

The reduced oscillatory potentials of the full-field electroretinograms in patients with aphakic or pseudophakic cystoid macular edema suggest a functional impairment in the inner retinal layers not only in the macula but also throughout the retina.

• **483 Retinal arterial wall plaques in Susac syndrome.** Robert A. Egan, MD, Thuy Ha Nguyen, MD, J. Donald M. Gass, MD, Joseph F. Rizzo III, MD, John Tiwman, OD, and John O. Susac, MD

Retinal arterial wall plaques are yellow, non-refractile plaques that may occur in Susac syndrome. They are rarely located at arterial bifurcations and not associated with retinal artery occlusions in that disease. They may disappear over time.

• **487 Macular hole formation following ruptured retinal arterial macroaneurysm.** Asako Tashimo, MD, Yoshinori Mitamura, MD, Kenji Ohtsuka, MD, Utako Okushiba, MD, Hiroko Imaizumi, MD, and Muneyasu Takeda, MD

Clinical records of 75 eyes with macroaneurysm were reviewed. Of the 75 eyes, 4 (5.3%) had a macular hole. Macroaneurysms with a macular hole were present near the center of the macula and were accompanied by submacular hemorrhage.

• **493 Measured visual acuity of fellow eyes as a prognostic factor in macular hole surgery.** Kazuaki Kadosono, MD, Kazuro Yabuki, MD, Tadayuki Nishide, MD, Eiichi Uchio, MD, and James A. Marron, MD

Visual recovery after successful macular hole surgery is inversely correlated with vision in the fellow eye. Learning to use eccentric fixation may contribute to visual improvement after macular hole surgery.

• **499 Characteristics of visual field progression in patients with normal-tension glaucoma with optic disk hemorrhages.** Yoshiki Kono, MD, Kazuhisa Sugiyama, MD, Kyoko Ishida, MD, Tetsuya Yamamoto, MD, and Yoshiaki Kitazawa, MD, PhD

Normal-tension glaucoma patients with optic disk hemorrhages tend to show visual field progression in areas with central 10 degrees compared to patients without optic disk hemorrhages.

• **504 Comparison of optic nerve head measurements obtained by optical coherence tomography and confocal scanning laser ophthalmoscopy.** Joel S. Schuman, MD, Gadi Wollstein, MD, Taline Farra, OD, Ellen Hertzmark, MA, Ali Aydin, MD, James G. Fujimoto, PhD, and Lelia A. Paunescu, PhD

Automated optical coherence tomographic optic nerve head measurements correlate highly with those obtained by manual tracing of disk margin. Optical coherence tomography and confocal scanning laser ophthalmoscopy