

AMERICAN JOURNAL OF OPHTHALMOLOGY®

VOLUME 150

CLASSIFICATION AND MISCLASSIFICATION OF SENSORY MONOFIXATION IN INTERMITTENT EXOTROPIA

Hatt, Leske, Mohnney, and Co-Authors

RNAi-BASED TREATMENT FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION BY SIRNA-027

Kaiser, Symons, Shah, and Co-Authors

ASSOCIATION OF RISK FACTORS FOR CHOROIDAL NEOVASCULARIZATION IN AGE-RELATED MACULAR DEGENERATION WITH DECREASED FOVEOLAR CHOROIDAL CIRCULATION

Xu, Grunwald, Metelitsina, and Co-Authors

THE PREVALENCE OF MACULAR TELANGIECTASIA TYPE 2 IN THE BEAVER DAM EYE STUDY

Klein, Blodi, Meuer, and Co-Authors

LASER PERIPHERAL IRIDOTOMY WITH AND WITHOUT IRIDOPLASTY FOR PRIMARY ANGLE-CLOSURE GLAUCOMA: 1-YEAR RESULTS OF A RANDOMIZED PILOT STUDY

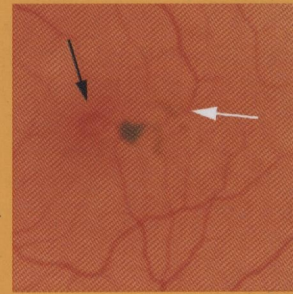
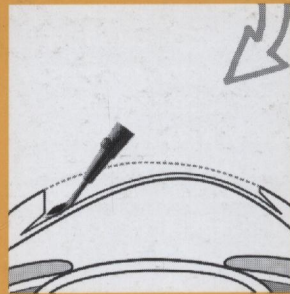
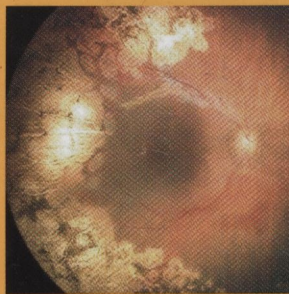
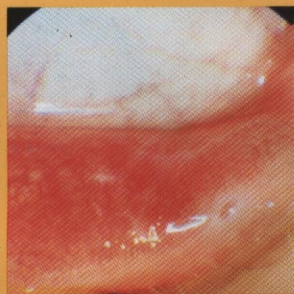
Sun, Liang, Wang, and Co-Authors

THE INCREASED COST OF MEDICAL SERVICES FOR PEOPLE DIAGNOSED WITH PRIMARY OPEN-ANGLE GLAUCOMA: A DECISION ANALYTIC APPROACH

Kymes, Plotzke, Li, and Co-Authors

EXCIMER LASER-ASSISTED LAMELLAR KERATOPLASTY AND THE CORNEAL ENDOTHELIUM

Alessio, L'Abbate, Boscia, and Co-Authors



AJO®

MONTHLY SINCE 1884
Full-text online at www.ajo.com

ELSEVIER

ISSN 0002-9394

AMERICAN JOURNAL OF OPHTHALMOLOGY®

ISSN 0002-9394 • VOL. 150, NO. 6 DECEMBER 2010

CONTENTS

SERIES ON EPIDEMIOLOGY

- 761 Health services research and how it can inform the current state of ophthalmology. *Kelly W. Muir, Hayden B. Bosworth, and Paul P. Lee*

PERSPECTIVE

- 764 Cavernous hemangioma of the orbital apex: pathogenetic considerations in surgical management. *Gerald J. Harris*

The *micro*-anatomic relationships and remaining growth potential of cavernous hemangiomas of the orbital apex cannot be preoperatively determined or predicted. The degree of fusion between the tumor capsule and visually important structures may be the most critical determinant of surgical outcome. Patients without significant deficits should be observed for progression. In cases requiring treatment, the surgical approach should be individualized based on *macro*-anatomic relationships, and the surgical techniques should be influenced by the intraoperative findings.

ORIGINAL ARTICLES

- 774 Factors influencing the reliability of autorefractometry after LASIK for myopia and myopic astigmatism. *Alireza Mirshahi, Wolfgang Wesemann, Jens Bühren, and Thomas Kohnen*

Autorefractometry is less accurate after myopic LASIK than preoperatively and delivers more myopic results than the subjective refraction when smaller excimer laser optical zones sizes have been applied (<6.0 mm) and in the case of high preoperative myopia.

- 780 Comparison of central corneal thickness measurement using ultrasonic pachymetry, rotating Scheimpflug camera, and scanning-slit topography. *Mohammad Reza Sedaghat, Ramin Daneshvar, Abbas Kargozar, Akbar Derakhshan, and Mona Daraei*

In a cross-sectional study, we measured central corneal thickness in 157 healthy corneas of 157 patients using scanning-slit topography, rotating Scheimpflug camera, and ultrasonic pachymetry. Highest agreement was between Pentacam and ultrasonic pachymetry, with narrowest 95% limit of agreement (LoA). Regarding the small difference between 95% LoA and 95% prediction interval, the central corneal measurements of Pentacam and ultrasonic pachymetry are interchangeable and could be used in the follow-up of the same patient.

- 790 Spontaneous reattachment of Descemet stripping automated endothelial keratoplasty lenticles: a case series of 12 patients. *Daniel D. Hayes, Carolyn Y. Shih, Neda Shamie, Mark A. Terry, Francis W. Price, JR., Marianne O. Price, David C. Ritterband, Sadeer B. Hannush, Mark S. Gorovoy, Robert W. Weisenthal, Robert Ritch, Jeffrey M. Liebmann, and Ira J. Udell*

Spontaneous reattachment of dislocated lenticles after Descemet stripping automated endothelial keratoplasty can be seen as early as 5 days and as late as 7 months after surgery. Treatment of pressure derangements, face-down positioning, and intraoperative peripheral scraping of the recipient bed may promote reattachment.

- 798 Anterior segment optical coherence tomography: a diagnostic instrument for conjunctivochalasis. *Koray Gumus, Charlene Hong Crockett, and Stephen C. Pflugfelder*
- This study evaluated the ability of a novel instrument, the RTVue with anterior segment adaptor, for diagnosis of

AJO®