

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

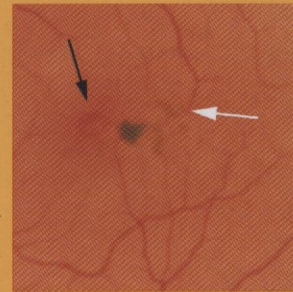
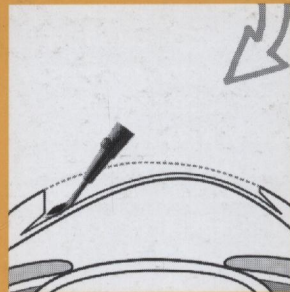
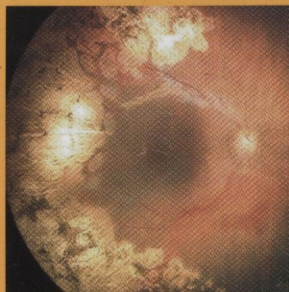
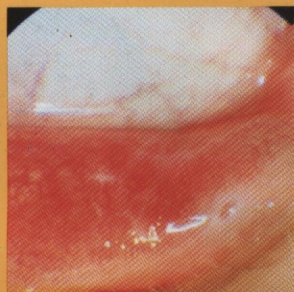
Sun, Liang, Wang, and Co-Authors

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. 4 OCTOBER 2010

CONTENTS

EDITORIAL

- 447 **The water drinking test.** *Ivan Goldberg and Colin I. Clement*

SERIES ON EPIDEMIOLOGY

- 450 **Genetic epidemiology: successes and challenges of genome-wide association studies using the example of age-related macular degeneration.** *Inga Peter and Johanna M. Seddon*

ORIGINAL ARTICLES

- 453 **Visual and systemic outcomes in pediatric ocular myasthenia gravis.** *Stacy L. Pineles, Robert A. Avery, Heather E. Moss, Richard Finkel, Thane Blinman, Larry Kaiser, and Grant T. Liu*

The visual and systemic outcomes in pediatric patients presenting purely ocular myasthenia gravis at the Children's Hospital of Philadelphia were evaluated. Disease resolution occurred in 24% of patients, and generalized symptoms eventually occurred in 23%. Although 25% of patients were treated for amblyopia, only 2.5% had amblyopia at the final visit. The patients demonstrated a relatively low risk of generalized symptoms developing and showed that related amblyopia is readily reversible.

- 460 **Inflammatory disorders of the orbit in childhood: a case series.** *Caroline Belanger, Kevin S. Zhang, Ashvini K. Reddy, Michael T. Yen, and Kimberly G. Yen*

Idiopathic orbital inflammatory conditions in children are uncommon, but can be associated with systemic conditions. Common presentations include lacrimal gland involvement, pain with eye movement, proptosis, and motility deficits. Bilateral cases may have a higher incidence of systemic disease.

- 464 **Clinical features and the risk factors of infantile exotropia recurrence.** *Ji-Hye Park and Seung-Hyun Kim*
Overcorrection in the early postoperative period is well known for patients with intermittent exotropia, whereas for infantile exotropia, slight overcorrection is recommended to overcome the undercorrection and to reduce the risk of amblyopia with monofixation syndrome. In this study, slight overcorrection was not a factor that affected the surgical outcome, and recurrence of infantile exotropia was apparent from one month after surgery, relatively earlier than that of intermittent exotropia.

- 468 **Plus disease in retinopathy of prematurity: quantitative analysis of vascular change.** *Preeti J. Thyparampil, Yangseon Park, M. E. Martinez-Perez, Thomas C. Lee, David J. Weissgold, Audina M. Berrocal, R. V. Paul Chan, John T. Flynn, and Michael F. Chiang*

This study examined the relationship between rate of vascular change and plus disease diagnosis in retinopathy of prematurity. Wide-angle images were taken from 37 premature infants at 31 to 33 and 35 to 37 weeks postmenstrual age. A computer-based image analysis system was used to quantify vascular dilation and tortuosity. Weekly rates of change in all venous parameters were significantly correlated with plus disease development. This did not appear to contribute information beyond image analysis at 35 to 37 weeks postmenstrual age alone.

- 476 **Prognosis of upper eyelid epiblepharon repair in Down syndrome.** *Kyoung Min Lee, Ho Kyung Choung, Nam Ju Kim, Min Joung Lee, Kyeong-Wook Lee, and Sang In Khwang*
This study investigated the prognosis of upper eyelid epiblepharon repair in Down syndrome. Compared with the non-Down syndrome patients, recurrence after cilia rotating tarsal fixation suture technique was higher in

AJO®