

AMERICAN JOURNAL OF OPHTHALMOLOGY®

VOLUME 145

**HAVE YOU SEEN THE 10-YEAR LONG-TERM SAFETY DATA ON LASER
IN SITU KERATOMILEUSIS?**

Waring

GLAUCOMA SCREENING: THE VALUE IS IN THE DETAILS

Mills

ORIGINAL ARTICLES

**CHARACTERISTICS OF UNTREATED AIDS-RELATED CYTOMEGALOVIRUS RETINITIS. I. FINDINGS
BEFORE THE ERA OF HIGHLY ACTIVE ANTIRETROVIRAL THERAPY (1988 TO 1994)**

Holland, Vaudaux, Jeng, and Co-Authors

**CHARACTERISTICS OF UNTREATED AIDS-RELATED CYTOMEGALOVIRUS RETINITIS. II.
FINDINGS IN THE ERA OF HIGHLY ACTIVE ANTIRETROVIRAL THERAPY (1997 TO 2000)**

Holland, Vaudaux, Shiramizu, and Co-Authors

TEN-YEAR FOLLOW-UP OF LASER IN SITU KERATOMILEUSIS FOR HIGH MYOPIA

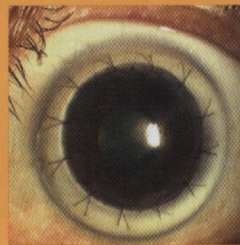
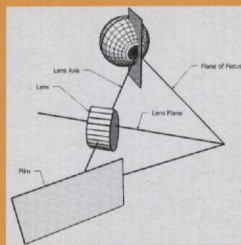
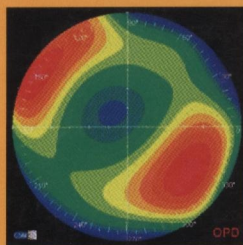
Alió, Muftuoglu, Ortiz, and Co-Authors

COST ANALYSIS OF GLAUCOMA MEDICATIONS

Rylander and Vold

**TOPICAL INTERFERON ALFA IN THE TREATMENT OF CONJUNCTIVAL MELANOMA AND
PRIMARY ACQUIRED MELANOSIS COMPLEX**

Finger, Sedek, and Chin



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CONTENTS

Continued from page A4

- **623 Oral gabapentin for the treatment of postoperative pain after photorefractive keratectomy.** Steven A. Nissman, Rochelle E. Tractenberg, Anita Babbar-Goel, and Joseph F. Pasternak

Many refractive surgeons have adapted the use of oral gabapentin for postoperative analgesia after photorefractive keratectomy (PRK) based largely on anecdotal accounts of its effectiveness. Using subjective pain assessment surveys, no significant differences were found in efficacy between oxycodone/acetaminophen 5 mg/325 mg as required (control group) and gabapentin 300 mg thrice daily in the management of postoperative pain after PRK.

- **630 Treatment of laser in situ keratomileusis interface epithelial ingrowth with neodymium:yttrium-aluminum-garnet laser.** Maria José Ayala, Jorge L. Alió, Maria Emilia Mulet, and Fernando De La Hoz

This study shows our experience using a classic skill for a new indication, treatment of interface epithelial ingrowth after laser in situ keratomileusis with neodymium:yttrium-aluminum-garnet laser. It is a simple technique with an easy, effective application because, on having eliminated the area of epithelial ingrowth, it improves the corneal regularity and visual quality, and the inconveniences of glare and halos that the patients have at presentation are eliminated.

- **635 Effect of topical mitomycin C on corneal endothelium.** Anita Panda, Jacob Pe'er, Anand Aggarwal, Hrishikesh Das, Abhiyan Kumar, and Shalini Mohan

In a prospective comparative study on the effect of topical mitomycin C on the corneal endothelium, 25 ocular surface squamous neoplasia eyes were compared with fellow eyes over a period of six months after therapy. No statistically significant difference on either central corneal thickness or endothelial cell density as measured with specular microscopy were observed. However, the long-term effects of this therapy on corneal endothelium still needs to be evaluated.

- **639 Causes of primary donor failure in Descemet membrane endothelial keratoplasty.** Lisanne Ham, Jacqueline Van Der Wees, and Gerrit R. J. Melles

Eleven primary donor failures following Descemet membrane endothelial keratoplasty (DMEK), that is, the isolated transplantation of Descemet membrane carrying viable endothelium, were analyzed. The study shows that most DMEK failures could not be attributed to insufficient endothelial cell density. Detachments may be managed by early re-bubbling. When the graft is attached but fails to clear, secondary surgical intervention may be postponed, because these grafts may clear spontaneously after several weeks.

- **645 Mesopic contrast sensitivity and ocular higher-order aberrations after overnight orthokeratology.** Takahiro Hiraoka, Chikako Okamoto, Yuko Ishii, Tomonori Takahira, Tetsuhiko Kakita, and Tetsuro Oshika

In 44 eyes of 22 subjects undergoing overnight orthokeratology, ocular aberrations and mesopic contrast sensitivity were determined before and three months after commencement of the procedure. Regardless of the presence of glare light, mesopic contrast sensitivity following overnight orthokeratology is significantly deteriorated as ocular higher-order aberrations increase, and these changes depend on the amount of myopic correction. In patients who undergo this treatment, ocular higher-order aberrations are really good parameters to predict mesopic visual function.

- **656 Avellino corneal dystrophy worsening after laser in situ keratomileusis: further clinicopathologic observations and proposed pathogenesis.** Shady T. Awwad, Mario A. Di Pascuale, Robert N. Hogan, Stephan L. Forstot, James P. McCulley, and Harrison D. Cavanagh

Additional histopathological studies performed on the recipient corneal graft of a patient with Avellino corneal dystrophy worsening after laser in situ keratomileusis (LASIK) showed weak deposit staining with Congo red with no birefringence. In view of previous controversial