

ARCHIVES

OF

OPHTHALMOLOGY

JULY 2008 VOLUME 126, NUMBER 7 PAGES 881-1016

This issue will be available online July 14, 2008.

CLINICAL SCIENCES

Sutured Protective Occluder for Severe Amblyopia 891

Robert W. Arnold, MD; Mary Diane Armitage, CO;
Scott A. Limstrom, MD

Head Position–Dependent Changes in Ocular Torsion and Vertical Misalignment in Skew Deviation 899

Manoj V. Parulekar, MBBS;
Shuan Dai, MBBS, MS, FRANZCO;
J. Raymond Buncic, MD, FRCSC;
Agnes M. F. Wong, MD, PhD, FRCSC

Visual Insignificance of the Foveal Pit: Reassessment of Foveal Hypoplasia as Fovea Plana 907

Michael F. Marmor, MD; Stacey S. Choi, OD, PhD;
Robert J. Zawadzki, PhD; John S. Werner, PhD

Aqueous Humor Dynamics in Exfoliation Syndrome 914

Thomas V. Johnson, BA; Shan Fan, MD;
Carl B. Camras, MD; Carol B. Toris, PhD

Early Predictors of Traumatic Glaucoma After Closed Globe Injury: Trabecular Pigmentation, Widened Angle Recess, and Higher Baseline Intraocular Pressure 921

Ramanjit Sihota, MD, FRCS; Sunil Kumar, MD;
Viney Gupta, MD; Tanuj Dada, MD;
Seema Kashyap, MD; Rajpal Insan, MD;
Geetha Srinivasan, MS

Comparison of Predictions Made by the Intraocular Lens Master and Ultrasound Biometry 929

Anand B. Bhatt, MD; Amy C. Schefler, MD;
William J. Feuer, MS; Sonia H. Yoo, MD;
Timothy G. Murray, MD, MBA

Rapid, Noninvasive Detection of Diabetes-Induced Retinal Metabolic Stress 934

Matthew G. Field, BA; Victor M. Elnor, MD, PhD;
Donald G. Puro, MD, PhD; Jason M. Feuerman, BS;
David C. Musch, PhD, MPH;
Rodica Pop-Busui, MD, PhD; Richard Hackel, MA;
John R. Heckenlively, MD; Howard R. Petty, PhD

Bevacizumab Treatment for Subfoveal Choroidal Neovascularization From Causes Other Than Age-Related Macular Degeneration 941

Louis K. Chang, MD, PhD; Richard F. Spaide, MD;
Claudia Brue, MD; K. Bailey Freund, MD;
James M. Klanchnik Jr, MD; Jason S. Slakter, MD

LABORATORY SCIENCES

Comparing Pegaptanib and Triamcinolone Efficacy in the Rat Choroidal Neovascularization Model 946

Mark H. Criswell, PhD; Wen-Zheng Hu, MD, PhD;
Timothy J. Steffens, MS, CRA; Ruihong Li, MD, PhD;
Philippe Margaron, PhD

Inhibitory Effect of Bevacizumab on the Angiogenesis and Growth of Retinoblastoma 953

Sun Young Lee, MD; Dong-Kyu Kim, DVM;
Jae Hyung Cho, MD; Jae-Young Koh, MD, PhD;
Young Hee Yoon, MD

OPHTHALMIC MOLECULAR GENETICS

Intraocular Pressure Response to Topical β -Blockers Associated With an ADRB2 Single-Nucleotide Polymorphism 959

Catherine A. McCarty, PhD, MPH;
James K. Burmester, PhD; Bickol N. Mukesh, PhD;
Richard B. Patchett, MD;
Russell A. Wilke, MD, PhD

NEW INSTRUMENT

Bilateral Infusion Pump Implants as Therapy for Refractory Corneal Ulcers in a Patient With CREST Syndrome: An Interdisciplinary Approach 964

José De Andrés, PhD, MD;
Salvador García-Delpech, MD;
Vicente Luis Villanueva Pérez, MD;
Manuel Díaz-Llopis, PhD, MD;
Patricia Udaondo, MD;
María Teresa Serrano Sánchez, MD;
David Salom, PhD, MD

SOCIOECONOMICS AND HEALTH SERVICES

Knowledge of Diabetic Eye Disease and Vision Care Guidelines Among Hispanic Individuals in Baltimore With and Without Diabetes 968

Beatriz Muñoz, MSc; Michael O'Leary, MA;
Fannie Fonseca-Becker, PhD; Evelyn Rosario, BS;
Isabel Burgess, BS; Marcela Aguilar, MPH;
Cynthia Fickes, BA; Sheila K. West, PhD

EPIDEMIOLOGY

Reported Visual Impairment and Risk of Suicide: The 1986-1996 National Health Interview Surveys 975
CME
Byron L. Lam, MD; Sharon L. Christ, MS; David J. Lee, PhD; D. Diane Zheng, MS; Kristopher L. Arheart, EdD

Corneal Thickness and Intraocular Pressure in a Nonglaucomatous Burmese Population: The Meiktila Eye Study 981
Robert J. Casson, DPhil, FRANZCO; Lekha M. Abraham, DNB; Henry S. Newland, MPH, FRANZCO; James Muecke, FRANZCO; Thomas Sullivan, BSSC; Dinesh Selva, FRANZCO; Than Aung, MBBS

Identification of Patients With Diabetic Macular Edema From Claims Data: A Validation Study 986
Srilaxmi Beareilly, MD; Prithvi Mruthyunjaya, MD; Janice P. Tzeng, BSPH; Ivan J. Suñer, MD; Alisa M. Shea, MPH; Jeffrey T. Lee, PharmD; Jonathan W. Kowalski, PharmD, MS; Lesley H. Curtis, PhD; Kevin A. Schulman, MD; Paul P. Lee, MD, JD

EDITORIALS

How Much Amblyopia Treatment Is Enough? 990
Michael X. Repka, MD

Vertical Strabismus: Diagnosis From the Ground Up 992
Michael C. Brodsky, MD

CLINICAL TRIAL RETROSPECTIVE

Treatment of Acute Optic Neuritis: A Summary of Findings From the Optic Neuritis Treatment Trial 994
Roy W. Beck, MD, PhD; Robin L. Gal, MSPH

The Optic Neuritis Treatment Trial: A Definitive Answer and Profound Impact With Unexpected Results 996
Nicholas J. Volpe, MD

FROM JAMA

Frequency of Antibiotic Coverage and Elimination of Blinding Trachoma 1000
Alfred Sommer, MD, MHS

SMALL CASE SERIES

Effect of Intravitreal Rituximab Injections in Patients With Recurrent Ocular Lesions Associated With Central Nervous System Lymphoma 1002
Nobuyuki Ohguro, MD; Noriyasu Hashida, MD; Yasuo Tano, MD

LETTERS: RESEARCH LETTERS

Corneal Cupremia in Multiple Myeloma: A Clinicopathologic Correlation 1005
Rona Z. Silkiss, MD; Dustin Pomerleau, MD; Andrew Sorenson, MD; David Vastine, MD; J. Brooks Crawford, MD

Poliosis as a Manifestation of Conjunctival Melanoma 1006
Alejandra G. de Alba Campomanes, MD, MPH; Joan M. O'Brien, MD

Improved Systemic Chemotherapy for Metastatic Testicular Choriocarcinoma Can Result in Excellent Prognosis for Life and Vision 1008
Rahul N. Khurana, MD; Cathy DiBernardo, RDMS; James T. Handa, MD

Perivascular Epithelioid Cell Tumor of the Orbit 1009
Rainer Guthoff, MD; Tanja Guthoff, MD; Hans K. Mueller-Hermelink, MD; Johanna Sold-Darseff, MD; Eva Geissinger, MD

REGULAR DEPARTMENTS

Online CME Quiz Questions 890
Ophthalmological Numismatics 926, 933
Call for Papers 974, 989
Online CME Article 975
Archives Web Quiz Winner 1011
News and Comment 1012
Ophthalmic Images 1012
Classified Advertising 1013
Journal Advertiser Index 1015
Contact Information 1016

Instructions for authors and the author and subject indexes are available on our Web site: <http://www.archophthalmol.com>. If you do not have access to the Web, contact Laura C. Cruz at (608) 262-7769.