

ARCHIVES

OF

OPHTHALMOLOGY

JANUARY 2004 VOLUME 122, NUMBER 1 PAGES 1-144

CLINICAL SCIENCES

- A Randomized Prospective Clinical Trial Comparing Laser Subepithelial Keratomileusis and Photorefractive Keratectomy** 11
Amir Pirouzian, MD; Jennifer A. Thornton, PhD; Sieu Ngo, OD
- Central Corneal Thickness as a Risk Factor for Advanced Glaucoma Damage** 17
Leon W. Herndon, MD; Jennifer S. Weizer, MD; Sandra S. Stinnett, DrPH
- Racial Differences in Optic Disc Topography: Baseline Results From the Confocal Scanning Laser Ophthalmoscopy Ancillary Study to the Ocular Hypertension Treatment Study** 22
Linda M. Zangwill, PhD; Robert N. Weinreb, MD; Charles C. Berry, PhD; Amanda R. Smith, MPH; Keri A. Dirkes, MPH; Anne L. Coleman, MD, PhD; Jody R. Piltz-Seymour, MD; Jeffrey M. Liebmann, MD; George A. Cioffi, MD; Gary Trick, PhD; James D. Brandt, MD; Mae O. Gordon, PhD; Michael A. Kass, MD; for the Confocal Scanning Laser Ophthalmoscopy Ancillary Study to the Ocular Hypertension Treatment Study
- Factors Associated With Long-term Progression or Stability in Exfoliation Glaucoma** 29
Anastasios G. P. Konstas, MD, PhD; Gabor Hollo, MD, PhD; Yuri S. Astakhov, MD, PhD; Miguel A. Teus, MD, PhD; Evgeny L. Akopov, MD; Jessica N. Jenkins, BS; William C. Stewart, MD
- Photodynamic Therapy With Verteporfin in Subfoveal Choroidal Neovascularization Secondary to Central Serous Chorioretinopathy** 37
Erdem Ergun, MD; Michael Tittl, MD; Michael Stur, MD
- Determination of Vitreous, Aqueous, and Plasma Concentration of Orally Administered Voriconazole in Humans** 42
Seenu M. Hariprasad, MD; William F. Mieler, MD; Eric R. Holz, MD; Hua Gao, MD; Judy E. Kim, MD; Jingdian Chi, PhD; Randall A. Prince, PharmD
- Anterior Ischemic Optic Neuropathy in Eyes With Optic Disc Drusen** 48
Valerie Purvin, MD; Rae King, MD; Aki Kawasaki, MD; Robert Yee, MD
- Graded Full-Thickness Anterior Blepharotomy for Upper Eyelid Retraction** 55
Victor M. Elner, MD, PhD; Adam S. Hassan, MD; Bartley R. Frueh, MD
- Late Retinal Detachment in Patients Born Prematurely: Outcome of Primary Pars Plana Vitrectomy** 61
Claudia Jandeck, MD; Ulrich Kellner, MD; Michael H. Foerster, MD

LABORATORY SCIENCES

- Treatment of Experimental Bacterial Keratitis With Topical Trovafloxacin** 65
Irina S. Barequet, MD; Paul Denton, BS; Gerard J. Osterhout, MS; Suhas Tuli, MD; Terrence P. O'Brien, MD

OPHTHALMIC MOLECULAR GENETICS

- Novel Mutations in the Cellular Retinaldehyde-Binding Protein Gene (*RLBP1*) Associated With Retinitis Punctata Albescens: Evidence of Interfamilial Genetic Heterogeneity and Fundus Changes in Heterozygotes** 70
Gerald A. Fishman, MD; Mary Flynn Roberts, OD; Deborah J. Derlacki, BA; Jonna L. Grimsby, BA; Hiroyuki Yamamoto, MD, PhD; Dror Sharon, PhD; Koji M. Nishiguchi, MD; Thaddeus P. Dryja, MD

EPIDEMIOLOGY

- The Relation of Retinal Vessel Caliber to the Incidence and Progression of Diabetic Retinopathy: XIX: The Wisconsin Epidemiologic Study of Diabetic Retinopathy** 76
Ronald Klein, MD, MPH; Barbara E. K. Klein, MD; Scot E. Moss, MA; Tien Y. Wong, MD; Larry Hubbard, MAT; Karen J. Cruickshanks, PhD; Mari Palta, PhD
- The Impact of Diabetic Retinopathy on Participation in Daily Living** 84
Ecosse L. Lamoureux, PhD; Jennifer B. Hassell, BA; Jill E. Keeffe, PhD
- Absence of Change in Choroidal Nevi Across 5 Years in an Older Population** 89
Sureka Thiagalingam, MBChB, MPH; Jie Jin Wang, MMed, PhD; Paul Mitchell, MD, PhD, FRANZCO

SOCIOECONOMIC AND HEALTH SERVICES

- Informed Consent and Decision Making by Cataract Patients** 94
Christopher G. Kiss, MD; Sibylla Richter-Mueksch, MD; Eva Stifter, MD; Gabriela Diendorfer-Radner, PhD; Michaela Velikay-Parel, MD; Wolfgang Radner, MD

SPECIAL ARTICLE

Sir Frederick Treves and Sympathetic Ophthalmia 99
James G. Ravin, MD

CONTROVERSIES

The Case for Glaucoma Drainage Implant Surgery in Patients With a Poor Prognosis for Standard Filtering Procedure 104
Richard K. Parrish II, MD

The Case Against Glaucoma Drainage Implant Surgery in Patients With a Poor Prognosis for Standard Filtering Procedure 105
Eve J. Higginbotham, MD

EDITORIAL

Endonasal Dacryocystorhinostomy: Is It Really Less Successful? 108
Robert Alan Goldberg, MD

CLINICOPATHOLOGIC REPORTS, CASE REPORTS, AND SMALL CASE SERIES

Isolated Ectopia Lentis: Potential Role of Matrix Metalloproteinases in Fibrillin Degradation 111
Nitin H. Sachdev, MBChB;
Minas T. Coroneo, MD, FRANZCO, FRACS;
Denis Wakefield, MD, FRACP, FRCPA;
Michael P. Hennessy, MBIomedE, FRANZCO

Orbital Metastasis and Intraocular Invasion of Malignant Mixed Tumor (Carcinosarcoma) of the Parotid Gland in a Child 114
Hayyam Kiratli, MD; Hülya Gökmen Soysal, MD;
Süleyman Demir, MD

Aggressive Primary Orbital Melanoma in a Young White Man With No Predisposing Ocular Features 118
Yvonne M. Delaney, FRCOphth; Susan Hague, FRCOphth;
Brendan McDonald, FRCPath

Is Coxsackievirus the Cause of Unilateral Acute Idiopathic Maculopathy? 121
Adam P. Beck, MD; Lee M. Jampol, MD;
David A. Glasser, MD; John S. Pollack, MD

Isolated Vitreoretinal Amyloidosis in the Absence of Transthyretin Mutations 123
Fina C. Barouch, MD; Merrill D. Benson, MD;
Shizuo Mukai, MD

Optic Nerve Aplasia in an Infant With Congenital Hypopituitarism and Posterior Pituitary Ectopia 125
Michael C. Brodsky, MD; Sean-Paul A. Atreides, MD;
John L. Fowlkes, MD; Olof H. Sundin, PhD

Visual Improvement in an Adult Amblyopic Eye Following Radiation-Induced Visual Loss in the Contralateral Eye 126
Ekaterini C. Karatza, MD; Carol L. Shields, MD;
Jerry A. Shields, MD

PHOTO ESSAYS

Ischemic Oculopathy as a Complication of Surgery for an Atrial Myxoma 130
Shu-Yen Lee, MRCSEd; Jing-Liang Loo, MBBS;
Chong-Lye Ang, FRCOphth

Congenital Vascular Tortuosity in DiGeorge Syndrome Mimicking Significant Retinopathy of Prematurity 132
Vivian E. Hill, MD; Shamek Pietucha, BSc;
Anna L. Ells, MD

BOOK AND SOFTWARE REVIEWS

The Wills Eye Hospital Manual and Drug Guide for PDA, 2nd ed 134
R. Douglas Cullom, Jr, MD; Benjamin Chang, MD;
Douglas J. Rhee, MD; Vincent A. Deramo, MD (eds)
Reviewed by Heidi Jarecki, MD

Glaucoma Surgery 134
S. Fabián Lerner, MD; Richard K. Parrish II, MD
Reviewed by Anne L. Coleman, MD, PhD

REGULAR DEPARTMENTS

Reviewers for 2003	7
From the Archives of the ARCHIVES	10
Online CME Article	94
ARCHIVES Web Quiz Winner	103
Notice to the Authors of Reports From Clinical Trials	110
Notice to Authors: Submission of Manuscripts	135
Continuing Medical Education	136
Classified Advertising	137
Index to Advertisers	143
Contact Information	144

Instructions for authors and the author and subject indexes for 2003 are available on our Web site: <http://www.archophthalmol.com>. If you do not have access to the Web, contact Laura Hayes at (608) 262-7769.