

ARCHIVES

OF

OPHTHALMOLOGY

APRIL 2008

VOLUME 126, NUMBER 4

PAGES 449-592

CLINICAL SCIENCES

- Histologic Analysis of Descemet Stripping in Posterior Lamellar Keratoplasty** 461
Ludwig M. Heindl, MD;
Carmen Hofmann-Rummelt, MTA;
Ursula Schlötzer-Schrehardt, PhD;
Friedrich E. Kruse, MD; Claus Cursiefen, MD
- Logistic Regression Analysis for Early Glaucoma Diagnosis Using Optical Coherence Tomography** 465
Antonio Ferreras, MD, PhD; Luis E. Pablo, MD, PhD;
Ana B. Pajarin, MD, PhD; José M. Larrosa, MD, PhD;
Vicente Polo, MD, PhD; Francisco M. Honrubia, MD, PhD
- Total Deviation Probability Plots for Stimulus Size V Perimetry: A Comparison With Size III Stimuli** 473
Michael Wall, MD; Caridad F. Brito, PhD;
Kimberly R. Woodward, MS; Carrie K. Doyle, MS;
Randy H. Kardon, MD, PhD; Chris A. Johnson, PhD
- Surgical Treatment of Strabismus Secondary to Glaucoma Drainage Device** 480
Alejandra Roizen, MD; Noa Ela-Dalman, MD;
Federico G. Velez, MD; Anne L. Coleman, MD, PhD;
Arthur L. Rosenbaum, MD
- Preverbal Photoscreening for Amblyogenic Factors and Outcomes in Amblyopia Treatment: Early Objective Screening and Visual Acutities** 489
Valerie G. Kirk; Michelle M. Clausen, BA;
M. Diane Armitage, CO; Robert W. Arnold, MD
- Cost-Utility Analysis of Telemedicine and Ophthalmoscopy for Retinopathy of Prematurity Management** 493
Kevin M. Jackson, OD, MPH; Karen E. Scott, MD, MBA;
Joshua Graff Zivin, PhD; David A. Bateman, MD;
John T. Flynn, MD; Jeremy D. Keenan, MD, MPH;
Michael F. Chiang, MD

LABORATORY SCIENCES

- Prevention of Exuberant Granulation Tissue and Neovascularization in the Rat Cornea by Naltrexone** 501
Ian S. Zagon, MS, PhD; Matthew S. Klocek, MS;
James W. Griffith, DVM; Joseph W. Sassani, MD, MHA;
András M. Komáromy, DVM, PhD;
Patricia J. McLaughlin, MS, DED
- The Foveal Avascular Region of Developing Human Retina** 507
J. M. Provis, PhD; A. E. Hendrickson, PhD

EPIDEMIOLOGY

- The 15-Year Cumulative Incidence of Retinal Vein Occlusion: The Beaver Dam Eye Study** 513
Ronald Klein, MD, MPH;
Scot E. Moss, MA;
Stacy M. Meuer, BS;
Barbara E. K. Klein, MD, MPH
- Menopausal and Reproductive Factors and Risk of Age-Related Macular Degeneration** 519
[CME](#)
Diane Feskanich, ScD;
Eunyoung Cho, ScD;
Debra A. Schaumberg, ScD, OD, MPH;
Graham A. Colditz, MD, DrPH;
Susan E. Hankinson, ScD
- Myopia, Lifestyle, and Schooling in Students of Chinese Ethnicity in Singapore and Sydney** 527
Kathryn A. Rose, PhD;
Ian G. Morgan, BSc, PhD;
Wayne Smith, BMed, MPH, PhD;
George Burlutsky, MStat;
Paul Mitchell, PhD;
Seang-Mei Saw, PhD

SURGICAL TECHNIQUE

- Finger's Amniotic Membrane Buffer Technique: Protecting the Cornea During Radiation Plaque Therapy** 531
Paul T. Finger, MD

NEW INSTRUMENT

- Imaging the Ocular Anterior Segment With Real-Time, Full-Range Fourier-Domain Optical Coherence Tomography** 537
Marinko V. Sarunic, PhD;
Sanjay Asrani, MD;
Joseph A. Izatt, PhD
- Retinal Imaging With Adaptive Optics Scanning Laser Ophthalmoscopy in Unexplained Central Ring Scotoma** 543
Sandra Joeres, MD;
Steven M. Jones, MS;
Diana C. Chen, PhD;
Dennis Silva; Scot Olivier, PhD;
Amani Fawzi, MD;
Alessandro Castellarin, MD;
Srinivas R. Sadda, MD

SOCIOECONOMICS AND HEALTH SERVICES

- First-Time Failure Rates of Candidates for Board Certification: An Educational Outcome Measure** 548
Denis M. O'Day, MD;
Chun Li, PhD

CLINICAL TRIAL RETROSPECTIVE

- Treatment of Postcataract Extraction Endophthalmitis: A Summary of the Results From the Endophthalmitis Vitrectomy Study** 554
Bernard H. Doft, MD

- Legacy of the Endophthalmitis Vitrectomy Study** 559
Harry W. Flynn Jr, MD;
Ingrid U. Scott, MD, MPH

EDITORIAL

- First-Time Failure Rates of Candidates for American Board of Ophthalmology Certification** 562
John G. Clarkson, MD

SMALL CASE SERIES

- Yellow Dye Laser Treatment of Vascularized Corneal Stromal Scars in Pediatric Patients** 564
Gregg T. Lueder, MD; Susan Culican, MD, PhD

- NMO Antibody–Positive Recurrent Optic Neuritis Without Clear Evidence of Transverse Myelitis** 566
Marc J. Dinkin, MD; Dean M. Cestari, MD;
Marion C. Stein, MD; Steve D. Brass, MD;
Simmons Lessell, MD

LETTERS: RESEARCH LETTERS

- Optical Coherence Tomography Provides Insight Into the Effect of Intacs in Keratoconus** 571
Igor Kaiserman, MD, MSc, MHA; Irit Bahar, MD;
David S. Rootman, MD, FRCSC

- Pulmonary Metastasis Masquerading as Anterior Uveitis** 572
Muge R. Kesen, MD;
Deepak P. Edward, MD;
Lawrence J. Ulanski, MD; Howard H. Tessler, MD;
Debra A. Goldstein, MD

- Synergistic Convergence in Congenital Extraocular Muscle Misinnervation** 574
Christina Pieh, MD; Ansgar Berlis, MD;
Wolf A. Lagrèze, MD

- Pituitary Apoplexy Causing Isolated Blindness After Cardiac Bypass Surgery** 576
Matthew J. Thurtell, MBBS, FRACP;
Michael Besser, MBBS, FRACS;
G. Michael Halmagyi, MD, FRACP

- Treatment of Iris Melanoma and Secondary Neovascular Glaucoma Using Bevacizumab and Plaque Radiotherapy** 578
Carlos Bianciotto, MD;
Carol L. Shields, MD;
Brian Kang, BS; Jerry A. Shields, MD

LETTERS: COMMENTS AND OPINIONS

- Accurate Calculation of Longer-term Incidences From Short-term Incidence Values** 579
Nathaniel E. Knox Cartwright, MRCOphth

- In Reply** 580
Hall T. McGee, MD, MS;
William D. Mathers, MD

- In Reply** 580
Oliver D. Schein, MD, MPH;
Joanne Katz, ScD

- Prenucleation Radiotherapy, Uveal Melanoma, and Competing Risks** 580
Tero Kivelä, MD, FEBO;
Emma Kujala, MD

- In Reply** 581
Emine Kilic, MD, PhD; Theo Stijnen, PhD;
Gre P. M. Luyten, MD, PhD

- Large Optic Disc** 582
Jost B. Jonas, MD

- In Reply** 582
Randy Kardon, MD, PhD;
Sandeep Randhawa, MD;
Vinay Shah, MD

- Cataract Surgery With Primary Intraocular Lens Implantation in Children With Chronic Uveitis** 583
Anthony G. Zaborowski, FCOphth;
Anthony G. Quinn, FRANZCO;
Caspar E. Gibbon, FRCOphth;
Sanjiv Banerjee, FRCOphth;
Andrew D. Dick, PhD

- Dark Adaptation Is Critical for Accurate Pupil Measurement** 584
Sandra M. Brown, MD;
Jay C. Bradley, MD;
Arshad M. Khanani, MD

OBITUARY

Harold F. Falls, MD (1909-2006) 585
Paul R. Lichter, MD

CORRECTIONS

**Error in Report of a Case Section in:
Dorsal Midbrain Syndrome With Bilateral
Superior Oblique Palsy Following
Brainstem Hemorrhage** 486
*Rahul Bhola, MD;
Richard J. Olson, MD*

**Error in Methods Section in: Classification
of Visual Field Abnormalities in the Ocular
Hypertension Treatment Study** 561
*John L. Keltner, MD; Chris A. Johnson, PhD;
Kimberly E. Cello, BSc; Mary A. Edwards, BSc;
Shannan E. Bandermann, MA; Michael A. Kass, MD;
Mae O. Gordon, PhD; for the Ocular Hypertension
Treatment Study Group*

REGULAR DEPARTMENTS

Online CME Quiz Questions 458

Ophthalmological Ephemera 464

Online CME Article 519

Archives Web Quiz Winner 563

Call for Papers 570

Classified Advertising 587

Journal Advertiser Index 591

Contact Information 592

**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.**