Cyclodeviation

Inferior

Argon

The

Transport

Laser

Immersion

Optic

Head

Drusen

Functional

Amblyopia

Associated

With

Abnormalities

of

the

Optic

Nerve

Burton J. Kushner, MD, Madison, Wis

Immersion A- and B-Scan Ultrasonography

Alex E. Jalilh, MD; Marcos P. Avila, MD; Hussein El-Markabi, MD;

Clement L. Trempe, MD; Charles L. Schepps, MD, Boston

Transport of Fluorescein in the Ocular Posterior Segment in

Retinitis Pigmentosa

Kim S. Mallick, MD; Ran C. Zeimer, PhD; Gerald A. Fishman, MD;

Norman P. Blair, MD; Robert J. Anderson, PhD, Chicago

The Macula in Ocular Toxoplasmosis

T. F. Schlaegel, Jr, MD, Janet C. Weber, PhD, Indianapolis

Laser Trabeculoplasty Primary Therapy in Open-angle Glaucoma

A. Ralph Rosenthal, MD, Stanford, Calif;

P. Ray Chaudhuri, FRCS, Leicester, England;

A. Page Chiapella, PhD, Stanford, Calif

Argon Laser Trabeculoplasty as Initial Therapy for Glaucoma

John V. Thomas, MD, Boston; Aly El-Mofty, MD, Essam E. Hamdy, MD, Cairo; Richard J. Simmons, MD, Boston

Differential Light Threshold

Josel Flammer, MD, Stephen M. Drance, MD, Vancouver, British Columbia;

Mario Zulauf, Bern, Switzerland

Acanthamoeba Keratitis Possibly Acquired From a Hot Tub

John R. Samples, MD; Perry S. Binder, MD; Francis J. Lulibel, MD, San Diego;

Ramon L. Font, MD, Houston; G. S. Visvesvara, PhD, Atlanta;

Christopher R. Peter, PhD, San Diego

Chromobacterium violaceum Infection of the Eye

Robert B. Feldman, MD; George A. Stern, MD;

C. Ian Hood, MB, ChB, Gainesville, Fla

Inferior Oblique Surgery

Thomas W. Jones, Jr, MD; David A. Lee, MD;

John A. Dyer, MD, Rochester, Minn

Cyclodeviation in Acquired Vertical Strabismus

Jonathan D. Trobe, MD, Gainesville, Fla

Saccadic Velocity Studies in Superior Oblique Palsy

Henry S. Metz, MD, Rochester, NY

Contents continued on page 648

646

VOLUME 102 NUMBER 5 MAY 1984

Copyright © 1984 by the AMERICAN MEDICAL ASSOCIATION

CORRESPONDENCE .......................................................................................................................... 662
NEWS AND COMMENT .......................................................................................................................... 664

CLINICAL SCIENCES

Rhegmatogenous Retinal Detachments Caused by Paravascular Vitreoretinal Traction

William E. Benson, MD, William Tasman, MD, Philadelphia .......................................................... 669

Multiple Evanescent White Dot Syndrome

I. Clinical Findings

Lee M. Jampol, MD; Paul A. Sieving, MD, PhD; David Pugh, MD;

Gerald A. Fishman, MD; Howard Gilbert, MD, Chicago ................................................................. 671

II. Electrophysiology of the Photoreceptors

During Retinal Pigment Epithelial Disease

Paul A. Sieving, MD, PhD; Gerald A. Fishman, MD;

Lee M. Jampol, MD; David Pugh, MD, Chicago ............................................................................. 675

Optic Nerve Head Drusen

Pierre Bec, MD; Philippe Adam, MD; André Mathis, MD; Yves Alberge, MD;

Jean Rouilleau, MD; Jean Louis Arne, MD, Toulouse, France ....................................................... 680

Functional Amblyopia Associated With Abnormalities of the Optic Nerve

Burton J. Kushner, MD, Madison, Wis ............................................................................................... 683

Archives of Ophthalmology

Continuing the Publication Founded by Herman Knapp, 1869

The objectives and goals of the Archives of Ophthalmology are education: to inform its readers of progress, problems, and pertinent research in the practice of ophthalmology through the publication of original contributions and observations.

EDITORIAL BOARD

Frederick C. Bloedl

Chief Editor

330 Ferson Ave

Iowa City, IA 52240

Richard F. Brubaker, Rochester, Minn

H. Mackenzie Freeman, Boston

J. Donald M. Gass, Miami

Joel S. Glaser, Miami

Morton F. Goldberg, Chicago

William F. Hughes, Lincolnshire, Ill

Peter R. Laibson, Philadelphia

Robert D. Reinecke, Philadelphia

Melvin L. Rubin, Gainesville, Fla

Daniel Seigel, Bethesda, Md

William H. Spencer, San Francisco

James H. Sammons, MD, Executive Vice- President

Thomas F. Hannon, Deputy Executive Vice- President, Corporate, Publishing and Management Services

George D. Lundberg, MD, Vice-President, Scientific Information

John T. Baker, Vice-President, Publishing

Norman D. Richey, Director, Publication Production and Printing Division

Joseph Denney, General Sales Manager; Director, Advertising Sales and Promotion Services Division

Lee A. Parent, Director, Circulation-Fulfillment Division

SUBSCRIPTION RATES—The subscription rates for the ARCHIVES OF OPHTHALMOLOGY are as follows: for members of the AMA, $1.50 included in the annual membership dues; for nonmembers, $30 for one year, $56 for two years in the United States and US possessions; all other countries, one year, $40; two years, $76 (add $10 surcharge to each one-year subscription, $20 for two years for air delivery to the United Kingdom and Europe only). Special yearly rates to residents and medical students in the United States and US possessions, one year, $15; two years, $26. Rates for subscriptions for delivery to Bangladesh, India, Japan, Nepal, South Korea, and Sri Lanka are available through respective exclusive agents. Address all subscription communications to American Medical Association, Circulation and Fulfillment Division, 555 N Dearborn St, Chicago, IL 60610. Phone: (312) 645-4929.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to Caryl L. Wertheimer, Director of Fulfillment, 555 N Dearborn St, Chicago, IL 60610. Notification of address change must be made at least six weeks in advance, include both old and new addresses, a recent mailing label, and your new zip code.
Intraocular Displacement
Experimental Phosphorus Nondestructive With Methacrylate Surface

CLINICOPATHOLOGIC CASE REPORTS
Mucoepidermoid Carcinoma of the Conjunctiva
John W. Gamel, MD, Richard A. Ellerman, MD, Louisville, Ky; Pierre Guibor, MD, New York ......................... 730

Idiopathic Solitary Granuloma of the Uveal Tract
Curtis Margo, MD, Lorenz E. Zimmerman, MD, Washington, DC ......................... 732

Conjunctival Lesions in Periarteritis Nodosa
John J. Purcell, Jr, MD; Raymond Birkenkamp, MD; Cheng C. Tsai, MD, St Louis ... 736

EXPERIMENTAL RETINAL DETACHMENT
VI. The Permeability of the Blood-Retinal Barrier
Herbert L. Cantrill, MD, Jonathan E. Pederson, MD, Minneapolis ......................... 747

VII. Intravenous Horseradish Peroxidase Diffusion Across the Blood-Retinal Barrier
Carol B. Toris, MS, Jonathan E. Pederson, MD, Minneapolis ......................... 752

Surface Deposits on Worn Hard Contact Lenses
Sherry A. Fowler, PhD; Donald R. Korb, OD; Victor M. Finnemore, OD; MaThea R. Alansmith, MD, Boston ......................... 757

Comparative Physiologic Performance of Polyethyl Methacrylate and Gas-Permeable Contact Lenses
Desmond Fonn, MOptom; Brien A. Holden, PhD; Peter Roth, MOptom; Graham Gooley, BOptom; James Kenefick, BOptom, New South Wales, Australia ......................... 760

Endothelial Damage in Monkeys After Radial Keratotomy Performed With a Diamond Blade
Tatsuo Yamaguchi, MD; Penny A. Asbell, MD; Michael Ostrick, OD; Aran Safrir, MD; Grace E. Krasling, PhD; Herbert E. Kaufman, MD, New Orleans ......................... 765

Nondestructive Metabolic Analysis of a Cornea With the Use of Phosphorus Nuclear Magnetic Resonance
Jack V. Greiner, DO, PhD; Stephen J. Kopp, PhD; Thomas Glonek, PhD, Chicago ... 770

Dexamethasone Protection Against Photochemical Retinal Injury
Leonard M. Parver, MD; Charles R. Auker, PhD; Ben S. Fine, MD, Thomas Doyle, Washington, DC ......................... 772

Experimental Ocular Herpetic Infections in Rabbits
Kendall O. Smith, PhD; Sherie L. Hodges; Wiebke L. Kennell; Karen S. Galloway; Robert H. Poirier, MD, San Antonio, Tex; Kelvin K. Ogilvie, PhD, Ukken O. Cheriyan, MS, Montreal ......................... 778

Displacement of Optic Nerve Head in Response to Short-term Intraocular Pressure Elevation in Human Eyes
Norman S. Levy, MD, PhD, Elaine E. Crapps, MT, Lake City, Fla ......................... 782

CONTINUING MEDICAL EDUCATION ......................... 793
Index to Advertisers ......................... 798
Instructions for Authors ......................... 650

Downloaded From: http://archopht.jamanetwork.com/ on 11/07/2016