

Monthly Circulation
in Excess of 18,000

Editor

Kenneth A. Arndt, MD
Archives of Dermatology
Beth Israel Hospital
330 Brookline Ave
Boston, MA 02215

Associate Editor

Robert S. Stern, MD, Boston

Assistant Editors

Barbara A. Gilchrist, MD, Boston
Harley A. Haynes, MD, Boston

Gerry W. LeJeune
Editorial Coordinator

EDITORIAL BOARD

Mark V. Dahl, MD, Minneapolis

Peter M. Elias, MD, San Francisco

Irwin M. Freedberg, MD,
New York

Lowell A. Goldsmith, MD,
Rochester, NY

John T. Headington, MD,
Ann Arbor, Mich

Antoinette F. Hood, MD, Baltimore

Brian V. Jegasothy, MD, Philadelphia

William P. Jordan, Jr, MD,
Richmond, Va

Robert E. Jordan, MD, Houston

Gerald S. Lazarus, MD, Philadelphia

Anne W. Lucky, MD, Cincinnati

Peter J. Lynch, MD, Tucson

Samuel J. Stegman, MD,
San Francisco

John J. Voorhees, MD,
Ann Arbor, Mich

The ARCHIVES OF DERMATOLOGY (ISSN 0003-987X) is published monthly by the American Medical Association, 535 N Dearborn St, Chicago, IL 60610, and is an official publication of the Association. Second-class postage paid at Chicago and at additional mailing office.

CORRESPONDENCE

Comments and Opinions

Failure of Lysine in Frequently Recurrent Herpes Simplex Infection 167
Claude A. Simon, MD; Guy D. Van Melle, PhD; Albert A. Ramelet, MD, Lausanne, Switzerland

In Reply 167
John J. DiGiovanna, MD, Margaret N. Wesley, PhD, Bethesda, Md; Harvey Blank, MD, Miami

Association of Splinters With Chromomycosis and Phaeomycotic Cyst 168
Daniel H. Connor, MD, Dean W. Gibson, PhD, Washington, DC

Phenytoin and Junctional Epidermolysis Bullosa 168
M. Armoni, MD; M. Schlesinger, MD; P. A. Vardy, MD, Ashkelon, Israel; A. Metzker, MD, Petah Tiqva, Israel

Alopecia Areata 169
Daniela Zauli, MD; Marco Fusconi, MD; Antonella Tosti, MD; Laura Lama, MD; Simonetta Veronesi, MD; Marcella Melino, MD, Bologna, Italy

Vignettes

Fat Cells in Intradermal Nevus Do Not Contain S100 Protein 169
Raymond L. Barnhill, MD, MSc; Neal S. Penneys, MD, PhD; Debra Landau-Price, MD; M. Nadji, MD; Jocelyn Ziegels-Weissman, PhD, Miami; Shinobu Matsuo, MD, Hokkaido, Japan

Iron Deficiency and Pruritus 170
C. F. H. Vickers, Liverpool, England

Darier-White Disease: A Multifaceted Immunodeficient State? 170
Jean-Claude Dorval, MD; Pierre Youinou, MD, PhD; Roger Casburn-Budd; Robert Masse, MD, Brest Cédex, France

Erythema Gyrratum Repens 170
Lawrence E. Levine, MD; Nathaniel E. Morgan, MD; David Fretzin, MD; Denise Rubenstein, MD, Chicago

Extensive Ichthyosiform Sarcoidosis in a Patient With Juvenile Rheumatoid Arthritis 171
Amy S. Paller, MD; Henry H. Roenigk, Jr, MD; William A. Caro, MD, Chicago

Chloracetamide: An Unusual Cause of Cosmetic Dermatitis 172
Susan E. Koch, MD; Toby Mathias, MD; Howard I. Maibach, MD, San Francisco

Variations in Plasma Levels With 12 Different Forms of Methoxsalen 173
Rik Roelandts, MD; Maurits Van Boven, DSc; Hendrik De Greef, PhD; Renaat Kinget, PhD; Paul Adriaens, PhD; Paul Daenens, DSc, Leuven, Belgium

NEWS AND NOTES 182

EDITORIALS

Topical Minoxidil Therapy and Hair Regrowth 191
Virginia C. Weiss, MD, Dennis P. West, MS, Chicago

Metabolic Importance of Acanthosis Nigricans 193
Jeffrey S. Flier, MD, Boston

The Use and Abuse of Immunosuppressive Agents in Dermatology 195
Ira Bell, MD, Gerald D. Weinstein, MD, Irvine, Calif

James H. Sammons, MD, Executive Vice-President

Richard A. Noffke, 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 Dennehy, 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 DERMATOLOGY are as follows: for members of the AMA, \$1.50 included in the annual membership dues; for nonmembers, \$40 for one year, \$72 for two years in the United States and US possessions; all other countries, one year, \$50; two years, \$92 (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, \$20; two years, \$36. 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, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 280-7154.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to Caryl L. Wertheimer, Director of Fulfillment, 535 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.

Please address correspondence concerning accepted or published communications to: AMA Specialty Journals, 535 N Dearborn St, Chicago, IL 60610.

STUDIES

Topical Minoxidil Therapy in Hereditary Androgenetic Alopecia 197
Richard L. De Villez, MD, San Antonio, Tex
 • After one year, 32% of 56 men noted cosmetically acceptable hair growth. Those who responded best had smaller bald areas and more indeterminate hairs initially, and shorter duration of hair loss.

Percutaneous Absorption of Minoxidil in Man 203
Thomas J. Franz, MD, Seattle
 • Minoxidil is poorly absorbed through skin. Twice-daily application of a 5% solution to the active scalp may yield a systemic dose over 5 mg/day, levels at which systemic effects might occur in some patients.

Fluorouracil Paste Treatment of Thin Basal Cell Carcinomas 207
Ernst Epstein, MD, San Francisco
 • There was a 21% recurrence rate for lesions treated for three weeks with 25% fluorouracil ointment under occlusion. If preceded by curettage, the rate was 6%.

Low Serum Iron Levels and Moderate Anemia in Severe Nodulocystic Acne: Reversal With Isotretinoin Therapy 214
James J. Leyden, MD, Philadelphia
 • Serum iron levels were low in 75% of 24 male patients. Anemia, low transferrin, and high ferritin levels were present and indicated that the chronic disease state itself was causative. Most abnormalities returned to normal with 20 weeks of therapy.

Tissue and Blood T-Lymphocyte Subpopulations in Erythema Nodosum Leprosum 216
Robert L. Modlin, MD; Antony C. Bakke, PhD; Seth A. Vaccaro, MD; David A. Horwitz, MD; Clive R. Taylor, MD, DPhil; Thomas H. Rea, MD, Los Angeles
 • Helper-suppressor ratios were high in erythema nodosum leprosum (ENL) tissue and low in tissue from patients with lepromatous leprosy without ENL. In both groups, there was no correlation between these ratios in skin and in blood.

Clinical and Histopathologic Spectrum of Necrotizing Vasculitis: Report of Findings in 101 Cases 220
Nestor P. Sanchez, MD; Harriet M. Van Hale, MD; W. P. Daniel Su, MD, Rochester, Minn
 • Clinical lesions of vasculitis were diverse, but the biopsy findings were most often identical. Deeper histopathologic involvement was associated with some systemic conditions (malignancy, connective tissue disease) and a predominantly neutrophilic infiltrate was found in hypocomplementemic vasculitis.

Juvenile Plantar Dermatitis: A Clinicopathologic Study 225
Richard E. Ashton, MRCP; Robin Russell Jones, MRCP; Andrew Griffiths, MD, MRCP, London
 • The plantar surface of the big toe and the ball of the foot were most commonly affected. Light microscopy demonstrated an eczematous process localized around sweat ducts with no evidence of sweat duct occlusion.

OBSERVATIONS

Acanthosis Nigricans and Insulin Resistance Associated With Hypothyroidism 229
K. Patrick Ober, MD, Winston-Salem, NC

Acanthosis Nigricans-like Hyperpigmentation Secondary to Triazinate Therapy 232
Alan H. Greenspan, MD; Jerome L. Shupack, MD; Sun-Hoo Foo, MD; Arlene C. Wise, New York

Sustained Remission of Generalized Lichen Planus Induced by Cyclophosphamide 236
David A. Paslin, MD, San Francisco

PUBLICATION STAFF

535 N Dearborn St
Chicago, IL 60610

Gabriela Radulescu, Managing Editor and Director, Specialty Journal Department

Michael D. Springer, Assistant Editor

Marlene M. Hinsch, Production Manager

John R. Sayban, Assistant Production Manager

Cheryl Iverson, Editorial Processing Manager

Paula Glitman, Assistant Editorial Processing Manager

Dennis J. Shipley, Permissions and Graphic Design

Copy Editing: Juliann Lundell (Supervisor), Deborah Thorp (Free-lance Coordinator), Sonya Baran, Vickey Golden, Helen Valenta

Production Supervisors: Betty Frigerio (Advertising), Thomas J. Handrigan (Illustrations), Elizabeth Petrikenas (Proofreading), JoAnne Weiskopf (Layout), Blake Winter (Editorial)

Proofreading: Verna Coffman, Patricia Coyne, Winifred O'Reilly, Lisette Sabbach, Barbara Wojtowicz

Art and Senior Production Assistants: Karen Branham, Diane Darnell, Donna Hagler, Jerri Hall-Gortowski, Debra Lucas, Terese Noto, Susan Price, Zack Price, Janice Techter, Sandra Williams, Ellen Yoshihara

Production Assistant: Darlene E. Filipis

Manuscript Records: Toni Pearson

Editorial Assistant: Jean Schaffner

Indexing: Phyllis H. McLaren (Supervisor), Mary Kay Tinerella, Pam Wood

Thomas J. Carroll, Director, Department of Promotion

Raymond Christian, Director, Advertising Services Department

ADVERTISING OFFICES: Eastern: 600 Third Ave, Suite 700, New York, NY 10016 (Manager: Robert C. Corcoran [212-867-6640]; Representative: Phillip B. Altamore); Midwest/Farwest: 535 N Dearborn St, Chicago, IL 60610 (Manager: Thomas J. Carroll [312-280-7182]; Representatives: John P. Cahill, Midwest; Daniel T. Mjolsness, Farwest)

ADVERTISING PRINCIPLES: Each advertisement in this issue has been reviewed and complies with the principles governing advertising in AMA scientific publications. A copy of these principles is available on request. The appearance of advertising in AMA publications is not an AMA guarantee or endorsement of the product or the claims made for the product by the manufacturer.

CONTENTS—Continued

Pustular Contact Hypersensitivity to Fluorouracil With Rosacealike Sequelae	240
<i>Charles M. Sevadjan, MD, San Diego</i>	
Hypercalcemia in Association With Cutaneous Squamous Cell Carcinoma: Occurrence as a Late Complication of Hidradenitis Suppurativa	243
<i>Margaret K. Sparks, MD; Deborah S. Kuhlman, MD; Andres Prieto, MD; Jeffrey P. Callen, MD, Louisville</i>	
Cutaneous <i>Mycobacterium szulgai</i> Infection	247
<i>Gerald M. Cross, MD; Marshall A. Guill, MD; James K. Aton, MD, Fort Gordon, Ga</i>	
Granulomatous Slack Skin	250
<i>Laurian Balus, MD; Francesco Bassetti, MD; Giulio Gentili, MD, Rome</i>	
A Probable Case of Rotavirus Exanthem	253
<i>Thomas Ruzicka, MD; Carla Rosendahl, MD; Otto Braun-Falco, MD, Munich</i>	
Pellagra in a Patient With Anorexia Nervosa	255
<i>Marvin J. Rapaport, MD, Los Angeles</i>	
Delayed Hypersensitivity to a Corticosteroid Suspension Containing Methylprednisolone: Two Cases of Conjunctival Inflammation After Retrobulbar Injection	258
<i>C. G. Toby Mathias, MD, Dirk B. Robertson, MD, San Francisco</i>	
RESIDENT'S PAGE	262
<i>Joel L. Schwartz, MD, Rochester, NY, Barry Leshin, MD, Iowa City</i>	
SHORT REPORTS	
Pemphigus Vegetans Limited to the Lips and Oral Mucosa	271
<i>Thomas Y. Woo, MD, Ann Arbor, Mich; Alvin R. Solomon, MD, Galveston, Tex; Janet A. Fairley, MD, Ann Arbor, Mich</i>	
Pemphigus Vulgaris of Esophageal Mucosa	272
<i>Fumio Kaneko, MD; Michiru Mori, MD; Ichiro Tsukinaga, MD; Yusho Miura, MD, Sapporo, Japan</i>	
Treatment of Eczema Herpeticum With Systemic Acyclovir	274
<i>Jack C. Jawitz, MD; Howard C. Hines, MD; Alan N. Moshell, MD, Washington, DC</i>	
Angiomatoid Malignant Fibrous Histiocytoma Associated With Marked Bleeding Arising in Chronic Radiodermatitis	275
<i>Yasuo Yamamoto, MD; Jirô Arata, MD; Shiro Yonezawa, MD, Nangoku, Japan</i>	
Pterygium Formation due to Sarcoidosis	276
<i>Robert E. Kalb, MD, Marc E. Grossman, MD, New York</i>	
BOOKS	
Diagnosis and Management of Cutaneous Malignant Melanoma (Roses, Harris, Ackerman)	281
<i>Reviewed by June K. Robinson, MD, Chicago</i>	
Malignant Skin Tumours (Emmett, O'Rourke, eds)	281
<i>Reviewed by June K. Robinson, MD, Chicago</i>	
Pigment Cell (MacKie, ed)	281
<i>Reviewed by June K. Robinson, MD, Chicago</i>	
INDEX TO ADVERTISERS	286
INSTRUCTIONS FOR AUTHORS	See January 1985 issue, p 15