

# ARCHIVES OF DERMATOLOGY

The ARCHIVES OF DERMATOLOGY is a member of the consortium of AMA journals listed below. The complete text of all AMA journals is available online from Dialog Information Services and Ovid Technologies, Inc.

## The Journal of the American Medical Association (JAMA)

Archives of Dermatology  
Archives of Facial Plastic Surgery  
Archives of Family Medicine  
Archives of General Psychiatry  
Archives of Internal Medicine  
Archives of Neurology  
Archives of Ophthalmology  
Archives of Otolaryngology—Head & Neck Surgery  
Archives of Pathology & Laboratory Medicine  
Archives of Pediatrics & Adolescent Medicine  
Archives of Surgery

The ARCHIVES OF DERMATOLOGY (ISSN 0003-987X) is published monthly by the American Medical Association, 515 N State St, Chicago, IL 60610, and is an official publication of the Association. The ARCHIVES OF DERMATOLOGY reaches more than 14 800 readers in over 95 countries each month. Periodicals postage paid at Chicago, IL, and at additional mailing offices. GST registration number: 12622 5556 RT. Canada Post International Publications Mail (Canadian Distribution) Sales Agreement No. 319317.

Printed in the USA.

**SUBSCRIPTION RATES**—The personal subscription rates for the ARCHIVES OF DERMATOLOGY are \$195 for 1 year (12 issues) in the United States and US possessions; \$245 in the Americas; £145 outside the Americas. The institution rates for 1 year are \$325 in the United States; \$425 in the Americas; £275 outside the Americas. Special rates for residents and medical students are available. Address all subscription communications to: Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946. Phone: (800) 262-2350. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

**CHANGE OF ADDRESS**—POSTMASTER, send all address changes to ARCHIVES OF DERMATOLOGY, c/o Subscriber Services, American Medical Association, 515 N State St, Chicago, IL 60610. Please notify us of address change at least 6 weeks in advance to ensure uninterrupted service. Include both old and new addresses, a recent mailing label, and new ZIP code. For mailing addresses outside the United States and US possessions, see International Subscription Information.

**SUBSCRIBER SERVICES**—For information about subscribing to any of the AMA publications, change of address, missing issues, or purchasing back issues, please contact Subscriber Services Center, American Medical Association, PO Box 10946, Chicago, IL 60610-0946, or call (800) 262-2350 or (312) 670-SUBS (670-7827) between 8:30 AM and 4:30 PM CST. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. For mailing addresses outside the United States and US possessions, see International Subscription Information.

**INTERNATIONAL SUBSCRIPTION INFORMATION**—Subscriptions outside the United States and US possessions are served according to geographic region. Please address correspondence to the following 2 offices based on delivery address: (1) For delivery in North America, Central America, and South America, contact Subscriber Services, AMA, PO Box 10946, Chicago, IL 60610-0946. Phone: (312) 670-7827. Fax: (312) 464-5831. E-mail: ama-subs@ama-assn.org. (2) For delivery outside the Americas, contact Subscription Department, JAMA & Archives Journals, American Medical Association, Tower House, Sovereign Park, Market Harborough, Leicestershire LE15 9EF, England. Telephone: +44 (0) 1858-438880. Fax: +44 (0) 1858-434958.

**REPRINTS**—Authors place their reprint order at the time the edited typescript is reviewed and should allow 4 to 6 weeks for delivery following publication. Requests for individual reprints should be sent directly to the author at the address shown in the article.

For bulk reprint orders for distribution by commercial organizations, please contact Wanda Bartolotta, 500 Fifth Ave, #2210, New York, NY 10110. Phone: (212) 354-0050. Fax: (212) 354-1169. E-mail: wanda\_bartolotta@ama-assn.org. For reprint orders in limited quantities for distribution by educational organizations and for author reprints, please contact Reprint Coordinator, 515 N State St, Chicago, IL 60610. Phone: (312) 464-4594. Fax: (312) 464-4849.

**PERMISSIONS**—Contact Rhonda Bailey, Permissions Assistant, 515 N State St, Chicago, IL 60610. Phone: (312) 464-2513.

**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.

**WORLD WIDE WEB ADDRESS**—<http://www.ama-assn.org>

**DERMATOLOGY HOME PAGE**—<http://www.archdermatol.com>

## Publication Staff

Offices: 515 N State St, Chicago, IL 60610

### Editorial Processing Department

**Division Director:** Cheryl Iverson  
**Director:** Paula Glitman  
**Copyediting Manager:** Lise M. Stevens  
**Freelance Copyediting Manager:** Diane L. Cannon

**Freelance Copyediting Coordinators:** Gwen Chaffen  
Connie Manno

**Electronic Editing Specialist:** Paul Frank

**Assistant Electronic Editing Specialist:** Monica Mungle

**Senior Copy Editors:** Dee E. Egger  
Vickey Golden

**Copy Editors:** John McFadden  
Jennifer L. Reddy

**Editorial Assistant:** Wanda Hill

### Scientific Publications & Multimedia Applications

**Assistant to the Editor:** Helga Fritz

### Scientific Online Resources

**Director:** Margaret Winker, MD  
**Electronic Media Department Director:** Michelle Kurzynski  
**Web Development Editor:** Keith Huff  
**Assistant Editor:** Nikhil Torsekar  
**Staff Assistant:** Marla A. Hall

### Production & Distribution Division

**Director:** Vanessa Hayden  
**Manager, Journal Manufacturing:** Diane Darnell  
**Journal Manufacturing Analyst:** Nona Malchin  
**Office Manager:** Karen Branham  
**Production Assistant:** Shannon Epplert

### Advertising & Production Department

**Director:** Karen Adams-Taylor  
**Production Specialist:** Terri Hanley  
**Manager, Advertising Services:** Carole Piszker  
**Manager, Production Services:** Susan Price  
**Supervisor, Production Services:** Betty Frigerio  
**Production Associates:** Mary Anne Donley  
Sarah Powell  
Denise Steinhauser  
Jo Anne Turner  
Carmela Ware  
**Production Assistant:** Susan Chiara

### Distribution

**Distribution Manager:** Paul Gasielki  
**Distribution Analyst:** Michelle Robinson

### Advertising

**National Sales Manager:** Peter G. Messina  
**AMA Classified Advertising Department:** Thalia Moss, 800-262-2260.



### Specialty Journal Division Office

**Manager, Marketing Services:** Geoffrey A. Flick  
**Assistant to the Publisher:** Christine Hearne

### Circulation & Content Marketing Division

**Administrative Assistant:** Millette Jackson-Bates

### Circulation Processing Department

**Director:** Robert Herling  
**Subscriber Services Manager:** Susan Stoken  
**Circulation Systems Manager:** Alfred Tomaselli  
**Circulation Specialists:** Reginald Jordan  
Kathryn Osten

### Circulation Development Department

**Director:** Bina Oza  
**Circulation Marketing Manager:** Audrey Mathies  
**Circulation Marketing Specialists:** Sandra Garzon  
Michael McGraw

### Licensing & Permissions Department

**Director:** Norman Frankel  
**Permissions:** Rhonda Bailey  
**International Coordinator:** Sharon Ali

### Electronic Production Department

**Electronic Production Specialists:** Brenda Chandler-Grayer  
Karl Elvin  
Amy Evers  
Fred Furtner  
Mary Ann Kuranda  
Sandra Lopez  
**Manager, Graphics:** Charl Richey  
**Electronic Imaging Specialists:** Joe Amft  
Noel Chaparro  
Carolyn Hall  
Maria Kowalkowski  
Chris Meyer  
JoAnne Weiskopf  
**Manager, Proofreading:** David Antos  
**Proofreaders:** Daniel James  
Rachel Novickas  
Teresa H. Omiotek  
Mary Kay Tinerella  
Barbara Wojtowicz  
**Manager, Database & New Media:** Mary Ellen Johnston  
**Indexer:** Bruce McGregor  
**New Media Specialists:** Clifford O. Barrett  
Gail Barrett  
Joel Brammeier  
Regina Brownlee  
La son J. Diggs  
Melanie Parenti  
Angela Smits  
**Production Assistant:** Ruth Sprague

### Advertising Office:

**East:** Philip G. Soufleris,  
119 Cherry Hill Rd, 3rd Fl,  
Parsippany, NJ 07054  
(973) 263-9191.  
**Midwest/West:** Alexis O'Connell,  
515 N State St,  
Chicago, IL 60610  
(312) 464-2470.

# ARCHIVES OF DERMATOLOGY

JUNE 2000 VOLUME 136, NUMBER 6 PAGES 695-820

## STUDIES

- Clinical Significance of Skin Biopsies in the Diagnosis and Management of Graft-vs-Host Disease in Early Postallogeneic Bone Marrow Transplantation** 717  
*Youwen Zhou, MD, PhD;*  
*Michael J. Barnett, BM, FRCP;*  
*Jason K. Rivers, MD, FRCPC*

- Treatment of Perioral Rhytides: A Comparison of Dermabrasion and Superpulsed Carbon Dioxide Laser** 725  
*Kristina A. Holmkvist, MD; Gary S. Rogers, MD*

- Value of Capillary Microscopy in the Diagnosis of Hereditary Hemorrhagic Telangiectasia** 732  
*Johannes J. Mager, MD;*  
*Cornelius J. J. Westermann, MD, FCCP, PhD*

- Methicillin-Resistant *Staphylococcus aureus* Nosocomial Acquisition and Carrier State in a Wound Care Center** 735  
*Guillaume Kac, MD; Annie Buu-Hoi, MD;*  
*Elisabeth Hérisson, RN; Patricia Biancardini, RN;*  
*Clélia Debure, MD*

## OBSERVATION

- Columnar Epidermal Necrosis: A Unique Manifestation of Transfusion-Associated Cutaneous Graft-vs-Host Disease** 743  
*Shinobu Saijo, MD; Motoko Honda, MD;*  
*Youji Sasahara, MD; Tasuke Konno, MD;*  
*Hachiro Tagami, MD*

- Narrowband TL-01 Phototherapy for Patch-Stage Mycosis Fungoides** 748  
*Colin Clark, MRCP; Robert S. Dawe, MRCP;*  
*Alan T. Evans, MRCP; Graham Lowe, FRCP;*  
*James Ferguson, FRCP*

- Necrolytic Acral Erythema Associated With Hepatitis C: Effective Treatment With Interferon Alfa and Zinc** 755  
*Vikram J. Khanna, MD; Sherry Shieh, MD;*  
*Jaye Benjamin, MD; Stephen Somach, MD;*  
*M. Tarif Zaim, MD; William Dornier, Jr, MD;*  
*Martin Shill, MD; Gary S. Wood, MD*

## EVIDENCE-BASED DERMATOLOGY

### STUDY

- The Prevalence of Seborrheic Keratoses in People Aged 15 to 30 Years: Is the Term *Senile Keratosis* Redundant?** 759  
*David Gill, MBBS; Abe Dorevitch, MD;*  
*Robin Marks, MBBS, MPH*

### ORIGINAL CONTRIBUTION

- Outcome Measures of Disease Severity in Atopic Eczema** 763  
*Carolyn Charman, BM, BCh, MRCP;*  
*Hywel Williams, PhD, FRCP*

### REVIEW

- Odds Ratios and Relative Risks** 770  
*Michael Bigby, MD*

### RESEARCH COMMENTARIES

- Advantage of Smaller Trials for the Widespread Use of Sedative Drugs** 772  
*Cinzia Masini, MD*

American Medical Association

Physicians dedicated to the health of America



**Catherine D. DeAngelis, MD, MPH**  
Editor in Chief, Scientific Publications  
& Multimedia Applications

**Robert L. Kennett**  
Vice President, Publishing

**Peter L. Payerli**  
Publisher

**E. Ratcliffe Anderson, Jr, MD**  
Executive Vice President,  
Chief Executive Officer

**Lynn E. Jensen, PhD**  
Chief Operating Officer

**Robert A. Musacchio, PhD**  
Senior Vice President,  
Publishing & Business Services

Copyright 2000 by the American Medical Association. All rights reserved.  
Reproduction without permission is prohibited.

All articles published, including editorials, letters, and book reviews, represent the opinions of the authors and do not reflect the policy of the American Medical Association, the Editorial Board, or the institution with which the author is affiliated, unless this is clearly specified.

**The Relationship Between Melanoma and Continuous or Intermittent Exposure to UV Radiation** 773  
*Maria Sofia Cattaruzza, MD, MSc*

**Biologic Treatment of Basal Cell Carcinoma** 774  
*Jan N. Bouwjes Bavinck, MD, PhD*

**A Remarkable Result of a Double-Masked, Placebo-Controlled Trial of Erythromycin in the Treatment of Pityriasis Rosea** 775  
*Michael Bigby, MD*

#### EDITORIALS

**Why a Skin Biopsy?** 779  
*Evan R. Farmer, MD*

**Resurfacing Procedures: How Do You Choose?** 783  
*Richard E. Fitzpatrick, MD*

**Controlling Nosocomial Infection: Everyone Is Concerned** 785  
*Emmanuelle Girou, PharmD*

**Giving "Scale" New Meaning in Dermatology: Measurement Matters** 788  
*Mary-Margaret Chren, MD*

#### OFF-CENTER FOLD

**Tender Nodules on the Legs of a Cardiac Transplant Recipient** 791  
*Kelvin Baggett, MD; Kimberly Grande, MD; Sylvia Hsu, MD*

**Multiple Light-Yellow Papules** 791  
*Judith B. Romero, MD; James E. Rasmussen, MD; Lyndon D. Su, MD*

**Symmetrical Black Plaques on the Toes** 791  
*Chemene Robinson, MD; Brian Y. F. Yee, MD; A. Paul Kelly, MD*

**Diffuse and Progressive Papules and Nodules** 791  
*Christine M. Adamick, MD; Debra L. Breneman, MD*

## ARCHIVES OF DERMATOLOGY

#### Editor:

**Kenneth A. Arndt, MD**  
Beth Israel Deaconess Medical Center  
330 Brookline Ave, LY 127-1  
Boston, MA 02215

#### Cocditor:

**Robert S. Stern, MD**  
Boston, Mass

#### Editorial Coordinator:

**Brenda A. Gates**  
Boston, Mass

#### Editorial Office

(617) 667-3200  
Fax (617) 667-4948  
e-mail:  
ArchiveDerm@caregroup.harvard.edu

#### Section Editors:

*Archives a Century Ago:*

**Mark Bernhardt, MD**

*Critical Situations:*

**Anita G. Licata, MD**

*The Cutting Edge:*

**George J. Hruza, MD**

*Assistant Section Editors:*

**Lynn A. Cornelius, MD**

**Jon Starr, MD**

*Evidence-Based Dermatology:*

**Damiano Abeni, MD, MPH**

**Michael Bigby, MD**

**Paolo Pasquini, MD, MPH**

**Moyes Szkló, MD, MPH, DrPh**

**Hywel Williams, PhD, FRCP**

*Issues in Dermatology:*

**Kenneth A. Arndt, MD**

*Off-Center Fold:*

**Michael E. Ming, MD**

*On the Horizon*

**Gary S. Wood, MD**

*Web Editor:*

**Harvey Lui, MD, FRCP**

*CME Editor:*

**Andrew D. Samel, MD**

#### Editorial Board:

**Philip C. Anderson, MD**  
Columbia, Mo

**Timothy G. Berger, MD**  
San Francisco, Calif

**Michael Bigby, MD**  
Boston, Mass

**Mary-Margaret Chren, MD**  
San Francisco, Calif

**Ponciano D. Cruz, Jr, MD**  
Dallas, Tex

**Irene E. Edwards, MD**  
Charlotte, NC

**Richard G. Glogau, MD**  
San Francisco, Calif

**George J. Hruza, MD**  
St Louis, Mo

**Joseph L. Jorizzo, MD**  
Winston-Salem, NC

**Arnold W. Klein, MD**  
Beverly Hills, Calif

**David J. Leffell, MD**  
New Haven, Conn

**Donald P. Lookingbill, MD**  
Jacksonville, Fla

**Harvey Lui, MD, FRCP**  
Vancouver, British Columbia

**Michael E. Ming, MD**  
San Francisco, Calif

**Seth J. Orlow, MD, PhD**  
New York, NY

**John R. Stanley, MD**  
Bethesda, Md

**Stephen B. Webster, MD**  
La Crosse, Wis

**Bruce U. Wintroub, MD**  
San Francisco, Calif

**Gary S. Wood, MD**  
Cleveland, Ohio

#### Surgical Advisory Board:

**David J. Leffell, MD, Chairman**

**Marc D. Brown, MD**

**Scott W. Fosko, MD**

**Algin B. Garrett, MD**

**Richard G. Glogau, MD**

**Glenn D. Goldman, MD**

**Roy C. Grekin, MD**

**Timothy M. Johnson, MD**

**Arielle N. B. Kauvar, MD**

**Arnold W. Klein, MD**

**Barry Leshin, MD**

**S. Teri McGillis, MD**

**Stanley J. Miller, MD**

**Neil S. Sadick, MD**

**Neil A. Swanson, MD**

**Duane C. Whitaker, MD**

#### International Advisory Committee:

**Gunter Burg, MD**

Zurich, Switzerland

**Ruggero Caputo, MD**

Milano, Italy

**Goh Chee-Leok, MD, MBBS, MMed,**

**MRCP, FRCP (Edin), FAMS**

Singapore, Singapore

**Hong-Duo Chen, MD**

Shenyang, China

**Edgardo N. Chouela, MD**

Buenos Aires, Argentina

**Yahya Dowlati, MD, PhD**

Tehran, Iran

**Rafael Falabella, MD**

Cali, Colombia

**James Ferguson, MD**

Dundee, Scotland

**Miguel Ruben Guarda, MD**

Santiago, Chile

**Sima Halevy, MD**

Beer-Sheva, Israel

**Roderick Hay, DM, FRCP, FRCPATH**

London, England

**Helmut Kerl, MD**

Graz, Austria

**Sungnack Lee, MD**

Suwon, Korea

**José M. Mascaró, MD**

Barcelona, Spain

**Gillian Murphy, MD**

Dublin, Ireland

**Takeji Nishikawa, MD**

Tokyo, Japan

**Oumeish Y. Oumeish, MD**

Amman, Jordan

**Thada Piamphongsant, MD**

Bangkok, Thailand

**Marcia Ramos-e-Silva, MD, PhD**

Rio de Janeiro, Brazil

**Jean Edouard Revuz, MD**

Creteil, France

**Hans W. Rothenborg, MD**

Hellerup, Denmark

**Mohsen Soliman, MD**

Cairo, Egypt

**Wolfram Sterry, MD**

Berlin, Germany

**John D. Stratigos, MD**

Athens, Greece

**Lourdes Tamayo, MD**

Mexico City, Mexico

**Vermen Verallo-Rowell, MD**

Makati City, Philippines

**B. J. Vermeer, MD**

Leiden, the Netherlands

**Alan Bruce Watson, MBBS, DDM, FACD**

Newcastle, Australia

**Hsin-Su Yu, MD, PhD**

Kaohsiung, Taiwan

**THE CUTTING EDGE**

- Regression of Deeply Infiltrating Giant Condyloma (Buschke-Löwenstein Tumor) Following Long-term Intralesional Interferon Alfa Therapy** 707  
*Alexandra Geusau, MD; Gertraud Heinz-Peer, MD; Beatrix Volc-Platzner, MD; Georg Stingl, MD; Reinhard Kirnbauer, MD*

**CRITICAL SITUATIONS**

- Previously Undiagnosed Sarcoidosis in a Patient Presenting With Leonine Facies and Complete Heart Block** 712  
*Peter G. Ford, MD; Joseph L. Jorizzo, MD; Michael G. Hitchcock, MBChB*

**ARCHIVES A CENTURY AGO**

- Original Communications.** 715

**CORRESPONDENCE: COMMENTS AND OPINIONS**

- The Appropriateness of Curettage and Electrodesiccation for the Treatment of Basal Cell Carcinomas** 800  
*Macrene Alexiades-Armenakas, MD, PhD; David Ramsay, MD; Alfred W. Kopf, MD*

**CORRESPONDENCE: VIGNETTES**

- Accuracy of Diagnosis of Seborrheic Keratoses in a Dermatology Clinic** 800  
*Michelle Murphy, MB, MRCPI; Rosemarie Watson, MD, FRCPI; Eamon C. Sweeney, MD, FRCPI, FRCPath; Louise Barnes, MB, FRCPI*
- Preliminary Evidence for an Association of Measles Virus With Recurrent Aphthous Ulceration** 801  
*Rakefet Czerninski, DMD; Joseph Katz, DMD; Michael Schlesinger, MD*

- A Cycle: Recurrent Gram-negative Folliculitis With *Citrobacter diversus* (*koseri*) Following Eradication of Recurrent Staphylococcal Pyoderma** 803  
*Mark A. Chastain, MD*

- Candida parapsilosis* Chondritis Successfully Treated With Oral Fluconazole** 804  
*Zoltan Trizna, MD, PhD; San-Hwan Chen, MD; Susanne Lockhart, MD; Kurt F. Lundquist, MD; Edgar B. Smith, MD; Richard F. Wagner, MD*

- Nutria Itch** 804  
*Hector F. Bonilla, MD; Diane H. Blanchard, MD; Richard Sanders, MD*

- Genetic Mosaicism in an Acquired Inflammatory Dermatoses Following the Lines of Blaschko** 805  
*Dan Lipsker, MD; Bernard Cribier, MD, PhD; Françoise Girard-Lemaire, MD; Elisabeth Flori, MD; Edouard Grosshans, MD*

- Double-blind, Right/Left Comparison of Calcipotriol Ointment and Betamethasone Ointment in the Treatment of Prurigo Nodularis** 807  
*Sai-Siong Wong, MB, BCh, MRCP(UK); Chee Leok Goh, MD, FRCP(Edin)*

- Comparison of Urinary 8-Hydroxy-2'-deoxyguanosine in Patients Treated With Topical Corticosteroids, UV-B, and Psoralen UV-A Therapies** 808  
*Amy E. Goldstein, DO; Mark Lebowitz, MD; Huachen Wei, MD, PhD*

**REGULAR DEPARTMENTS**

- News and Notes** 739  
**Archives CME** 811  
**Classified Advertising** 814  
**Index to Advertisers** 820  
**Information for Authors and Readers—**  
**See February 2000 issue, page 283, or visit the**  
**Web site at <http://www.archdermatol.com>.**

**Mission Statement**

The *Archives of Dermatology* publishes information concerning the skin, its diseases, and their treatment. Its mission is to explicate the structure and function of the skin and its diseases and the art of using this information to deliver optimal care to the patient. We attempt to enhance the understanding of cutaneous pathophysiology and improve the clinician's ability to diagnose and treat skin disorders. This journal has a particular interest in publishing clinical and laboratory studies that reveal new information pertinent to the interests and needs of the clinical dermatologist. We believe that knowledge derived from well-designed clinical trials and studies of cost-effectiveness are especially important for improving the practice of dermatology. Studies that increase the understanding of the outcome of treatment or the means by which the burden of dermatologic disease can be measured and reduced or promote the health of patients with skin disease will receive special priority. The ARCHIVES regularly publishes reports on clinical investigations, editorials, and reviews. It also features reports and discussions on clinicopathologic correlations; clinical disorders of unique didactic value; therapeutics; and ethical, moral, socioeconomic, and political issues.