

# 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, 2441 84th St, Brooklyn, NY 11214. Phone: (718) 946-7424. Fax: (718) 946-7372. 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:**  
Jean Kang  
John McFadden  
Donald S. Smith  
**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  
**Web Copy Editor:** Erin M. Giannini  
**Web Office Manager:** Marla A. Hall  
**Editorial Assistant:** Gemma Wall

### Specialty Journal Division Office

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

### Circulation & Content Marketing Division

**Circulation Marketing Manager:**  
Donna Goldman  
**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 Managers:**  
Vida Damijonaitis  
Donna Goldman  
Michael McGraw  
**Circulation Marketing Specialist:**  
Sandra Garzon

### Licensing & Permissions Department

**Director:** Norman Frankel  
**Permissions:** Rhonda Bailey

### Producton & Distribution Division

**Directors:** Karen Adams-Taylor,  
Paul Gasielcki, Vanessa Hayden  
**Managers:** David Antos, Karen Branham,  
Debbie Camp, Diane Darnell,  
Karl Elvin, Betty Frigerio,  
Terri Hanley, Mary Ellen Johnston,  
Carole Piszker, Susan Price,  
Charl Richey, Carmela Ware  
**Production Assistants:** Kristy Kambanis,  
Ruth Sprague  
**Production Associates and Specialists  
Advertising and Production Services:**  
Susan Chiara, Mary Anne Donley,  
Sarah Powell, Denise Steinhauer,  
Jo Anne Turner, Ellen Yoshihara  
**Composition:** Rebecca Aiken,  
Brenda Chandler-Grayer, Amy Evers,  
Fred Furtner, Mary Ann Kuranda,  
Sandra Lopez  
**Database & New Media:**  
Bruce McGregor (indexer),  
Clifford O. Barrett, Gail Barrett,  
Joel Brammeier, Regina Brownlee,  
La'son J. Diggs, Angela Smits  
**Distribution:** Michelle Robinson  
**Graphics:** Joe Amft, Noel Chaparro,  
Carolyn Hall, Maria Kowalkowski,  
Chris Meyer, JoAnne Weiskopf  
**Proofreading:** Daniel James,  
Teresa H. Omiotek,  
Mary Kay Tinerella,  
Barbara Wojtowicz,  
Agnes A. Zarkadas

### Advertising

**Director, Advertising Sales:**  
Peter G. Messina  
**AMA Classified Advertising Department:**  
Thalia Moss, 800-262-2260.  
**Advertising Office:**  
**East:** Philip G. Soufleris,  
119 Cherry Hill Rd, 3rd Flr,  
Parsippany, NJ 07054  
(973) 263-9191.  
**Midwest/West:** Alexis O'Connell,  
515 N State St,  
Chicago, IL 60610  
(312) 464-2470.



# ARCHIVES OF DERMATOLOGY

NOVEMBER 2000 VOLUME 136, NUMBER 11 PAGES 1293-1430

## DERMATOLOGIC SURGERY

### STUDIES

- Electrosurgical Facial Resurfacing:  
A Prospective Multicenter Study  
of Efficacy and Safety** 1309  
*Roy C. Grekin, MD; Whitney D. Tope, MPhil, MD;  
John M. Yarborough, Jr, MD; Ingrid H. Olhoffer, MD;  
Peter K. Lee, MD, PhD; David J. Leffell, MD;  
Christopher B. Zachary, FRCP*
- Recurrent Basal Cell Carcinoma  
After Incomplete Resection** 1318  
*June K. Robinson, MD;  
Susan G. Fisher, PhD*
- Efficacy of Curettage Before Excision  
in Clearing Surgical Margins  
of Nonmelanoma Skin Cancer** 1327  
*Katarina Chiller, MD, MPH;  
Douglas Passaro, MD, MPH;  
Timothy McCalmont, MD;  
Kirsten Vin-Christian, MD*
- Safe and Effective Conscious Sedation  
Administered by Dermatologic Surgeons** 1333  
*Clark C. Otley, MD; Tri H. Nguyen, MD*
- Long-term Photoepilation Using  
a Broad-spectrum Intense Pulsed Light Source** 1336  
*Neil S. Sadick, MD; Robert A. Weiss, MD;  
Christopher R. Shea, MD; Hila Nagel;  
Judith Nicholson, RN; Victor G. Prieto, MD, PhD*
- Treatment of Pseudofolliculitis  
With a Pulsed Infrared Laser** 1343  
*Arielle N. B. Kauvar, MD*
- Skin and Wound Infection  
by Rapidly Growing Mycobacteria:  
An Unexpected Complication  
of Liposuction and Liposculpture** 1347  
*Jorge Murillo, MD; Jaime Torres, MD, MPH & TM;  
Lina Bofill, MD; Antonio Ríos-Fabra, MD;  
Elizabeth Irausquin, MD; Raúl Istúriz, MD;  
Manuel Guzmán, MD; Julio Castro, MD;  
Liliana Rubino, BS; Marisela Cordido, BS;  
for the Venezuelan Collaborative Infectious  
and Tropical Diseases Study Group*
- Microcystic Adnexal Carcinoma:  
Forty-eight Cases, Their Treatment,  
and Their Outcome** 1355  
*Katarina Chiller, MD, MPH;  
Douglas Passaro, MD, MPH;  
Michael Scheuller, MD;  
Mark Singer, MD;  
Timothy McCalmont, MD;  
Roy C. Grekin, MD*
- The Forehead Flap for Nasal Reconstruction** 1365  
*Charles M. Boyd, MD;  
Shan R. Baker, MD;  
Darrell J. Fader, MD;  
Timothy S. Wang, MD;  
Timothy M. Johnson, MD*

## American Medical Association

Physicians dedicated to the health of America



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.

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

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

**Peter L. Payerli**  
Publisher

**Cheryl Iverson**  
Managing Editor

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

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

|   |             |
|---|-------------|
| <b>Pulsed Alexandrite Laser for the Treatment of Leg Telangiectasia and Reticular Veins</b>   | <b>1371</b> |
| <i>Arielle N. B. Kauvar, MD; Wendy W. Lou, MD</i>   |             |
| <b>The Surgical Management of Extensive Cases of Acne Keloidalis Nuchae</b>   | <b>1376</b> |
| <i>Hugh M. Gloster, Jr, MD</i>  |             |
| <b>Treatment of "Stable" Vitiligo by Timedsurgery and Transplantation of Cultured Epidermal Autografts</b>  | <b>1380</b> |
| <i>Liliana Guerra, MD; Sergio Capurro, MD; Francesco Melchi, MD; Grazia Primavera, MD; Sergio Bondanza, BSc; Ranieri Cancedda, MD; Antonio Luci, MD; Michele De Luca, MD; Graziella Pellegrini, PhD</i> |             |
| <b>Histologic Changes in the Skin of Hairless Mice Following Peeling With Salicylic Acid</b>  | <b>1390</b> |
| <i>Shuhei Imayama, MD, PhD; Setsuko Ueda, MD; Midori Isoda, MD</i>  |             |

**OBSERVATION**

|  |             |
|--|-------------|
| <b>Solitary Melanoma Confined to the Dermal and/or Subcutaneous Tissue: Evidence for Revisiting the Staging Classification</b> | <b>1397</b> |
| <i>Glen M. Bowen, MD; Alfred E. Chang, MD; Lori Lowe, MD; Ted Hamilton, MS; Rupa Patel, BA; Timothy M. Johnson, MD</i>         |             |

**EDITORIALS**

|   |             |
|---|-------------|
| <b>The Dermatologic Surgery Issue: A New Face for the ARCHIVES</b>                | <b>1404</b> |
| <i>David J. Leffell, MD; Kenneth A. Arndt, MD</i>                                 |             |
| <b>What's in a Name? Are We Dermatologic Surgeons or Surgical Dermatologists?</b> | <b>1406</b> |
| <i>Harold J. Brody, MD; William P. Coleman, MD</i>                                |             |

**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:*  
**Dee Anna Glaser, MD**  
St Louis, Mo  
**Elaine Siegfried, MD**  
St Louis, Mo

*Evidence-Based Dermatology:*  
**Damiano Abeni, MD, MPH**  
**Michael Bigby, MD**  
**Paolo Pasquini, MD, MPH**  
**Moyes Szkló, MD, MPH, DrPh**  
**Hywel Williams, MSc, 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**  
Teheran, 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

**EDITORIAL REVIEW**

**Continuous Quality Improvement in a Dermatologic Surgery Office** 1400  
*Kathryn Kesheimer, MHA; W. Patrick Davey, MD*

**OFF-CENTER FOLD**

**Friable Scalp Nodule in an Elderly Man** 1409  
*Lee B. Dittrich, MD; Joseph C. English III, MD; John D. Hendrix, Jr, MD; James W. Patterson, MD*

**Asymptomatic Eyelid Papule in a 57-Year-Old Healthy Man** 1409  
*Anu Gupta, MD; Franklin P. Flowers, MD; Alan M. Lessner, MD*

**Solitary Ulcerated Nodule on the Leg** 1409  
*Isaac M. Neuhaus, BA; Ashraf M. Hassanein, MD, PhD; Robert A. Skidmore, MD*

**Pruritic Urticarial Papules of the Thighs and Groin** 1409  
*Paul H. Bowman, MD; John R. Sullivan, MD; Daniel J. Hogan, MD; I. Daniel Sanusi, MD; Joseph W. Burnett, MD*

**FROM THE MMWR**

**National and State-Specific Pregnancy Rates Among Adolescents—United States, 1995–1997** 1422

**ARCHIVES A CENTURY AGO**

**Leucopathia Unguium** 1305

**CORRESPONDENCE: VIGNETTES**

**Intralesional Interferon Alfa for Treatment of Recurrent Lentigo Maligna of the Eyelid in a Patient With Primary Acquired Melanosis** 1415  
*John A. Carucci, MD, PhD*

**Quantifying Postoperative Pain Reduction Using the Dynamic Cooling Device to Treat Pediatric Patients With Port-wine Stains** 1416  
*Darrell J. Fader, MD; David S. Sax, MD; Ted A. Hamilton, MS*

**BOOK AND NEW MEDIA REVIEW**

**Basic Surgical Skills** 1418  
*David A. Sherris, MD; Eugene B. Kern, MD*  
*Reviewed by Timothy K. Chartier, MD*

**REGULAR DEPARTMENTS**

**News and Notes** 1324, 1352  
**Archives CME** 1419  
**Classified Advertising** 1425  
**Index to Advertisers** 1430

**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.