

ARCHIVES OF SURGERY

The ARCHIVES OF SURGERY 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 Information Access Company.

The Journal of the American Medical Association (JAMA)

- Archives of Dermatology
- 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 SURGERY (ISSN 0004-0010) 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 SURGERY reaches more than 19 000 readers in over 69 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. 319309. Printed in the USA.

Official Publication of the New England Surgical Society, Pacific Coast Surgical Association, Surgical Infection Society, Western Surgical Association.

SUBSCRIPTION RATES—The personal subscription rates for the ARCHIVES OF SURGERY are \$110 for 1 year (12 issues) in the United States and US possessions; \$152 in the Americas; £98 outside the Americas. The institution rates for 1 year are \$155 in the US; \$205 in the Americas; £132 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 SURGERY, 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 JAMA & Archives Journals, Reader Services Centre, PO Box 299, London WC1H 9TD, England. Phone: +44 (0)171-383-6270. Fax: +44 (0)171-383-6402. E-mail: bmjsubs@dial.pipex.com.

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 Joseph R. Rekas, 515 N State St, Chicago, IL 60610. Phone: (312) 464-4594. Fax: (312) 464-4849.

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

SURGERY HOME PAGE—<http://www.ama-assn.org/surgery>.

PERMISSIONS—Contact Ada Jimenez-Walker, 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.

Publication Staff
Offices: 515 N State St
Chicago, IL 60610

Editorial Processing Department,
Archives Journals

Director: Paula Glitman
Manager: Vickey Golden
Freelance Manager: Diane L. Cannon
Electronic Editing Specialist:

Paul Frank
Assistant Electronic Editing Specialist:
Monica Mungle

Copy Editors:
Fran Buckley
Brenda Gregoline
Mary Kingzette
Bryan E. Steinmetz

Editorial Assistant: Celina Canchola

**Scientific Information and
Multimedia Group**

Administrative Assistant: Helga Fritz

New Media Editorial Office

Editorial Director, New Media:
William M. Silberg

Associate Editor: Marty Suter

Assistant Editors:
Deborah Flapan
Neil Shankman

Staff Assistant: Marla A. Hall

Production & Distribution Division

Manager, Budgets & Costs:
Bonnie Van Cleven

Publishing Manufacturing Analyst:
Diane Darnell

Office Manager: Karen Branham

Senior Secretary: Shannon Epplett

**Advertising & Production
Department**

Director: Karen Adams-Taylor

Manager, Advertising Services:
Carole Piszker

Manager, Production Services:
Susan Price

Production Associates:

Debbie Camp
Betty Frigerio
Mari Guizzetti
Sarah Powell
Jennifer Reiling
Chad Sanderson
Mary Ann Schultz
Jo Anne Turner
Carmela Ware

Distribution

Distribution Manager:
Paul Gasielki

Electronic Production Department

Director: Linda Knott

Manager, Composition: Phil Arko

Electronic Production Operators:

Brenda Chandler
La'son J. Diggs
Amy Evers
Mary Ann Kuranda
Sandra Lopez

Graphics Manager: Charl Richey

Graphics Operators:

Joe Amft
Ellen Gundersen
JoAnne Weiskopf
Alicja Wojcik-Dunn

Manager, Proofreading:

Teresa H. Omiotek

Proofreaders:

David Antos
Daniel James
Mary Kay Tinerella
Barbara Wojtowicz

Production Assistant: Ruth Sprague

Manager, Database & New Media:

Mary Ellen Johnston

Indexer: Kathy Gaydar

Database Assistants:

Gail Barrett
Melanie Parenti

Specialty Journal Division Office

Assistant to the Publisher:
Christine Hearne

**Publications Marketing &
New Media Division**

Administrative Assistant:
Millette Jackson-Bates

Circulation Processing Department

Director: Beverly Martin

Circulation Development Department

Director: Bina Oza

Licensing & Permissions Department

Director: Norman Frankel

Permissions: Ada Jimenez-Walker

International Coordinator: Sharon Ali

Reprints

Reprint Coordinator: Joseph Rekasch



ARCHIVES OF SURGERY

VOL 133 NO. 3, MARCH 1998

MISSION STATEMENT

To promote the art and science of surgery by publishing relevant peer-reviewed clinical and basic science information to assist the surgeon in optimizing patient care. The *Archives of Surgery* will also serve as a forum for the discussion of issues that involve ethics, teaching, surgical history, and socioeconomic concerns.

*Approved by the Editorial Board, *Archives of Surgery*, July 19, 1996.

ORIGINAL ARTICLES

Pyogenic Liver Abscesses in Patients With Malignant Disease: A Report of 52 Cases Treated at a Single Institution 242

Ta-Sen Yeh, MD; Yi-Yin Jan, MD; Long-Bin Jeng, MD; Tsang-Long Hwang, MD; Tzu-Chieh Chao, MD, PhD; Rong-Nan Chien, MD; Miin-Fu Chen, MD, FACS

Response of Normal Aorta to Endovascular Grafting: A Serial Histopathological Study 246

Julie G. White, MD; Niall J. Mulligan, MD; Daniel R. Gorin, MD; Robert D'Agostino, MD; E. Kent Yucel, MD; James O. Menzoian, MD

Invited Commentary 249

William H. Baker, MD

Effects of Sucralfate vs Antacids on Gastric Pathogens: Results of a Double-blind Clinical Trial 251

Kimberly S. Ephgrave, MD; Rachel Kleiman-Wexler, PharmD; Michael Pfaller, MD; Brenda M. Booth, PhD; David Reed, PhD; Lisa Werkmeister, RN; Sharon Young

Increased Systemic Inflammation After Laparotomy vs Laparoscopy in an Animal Model of Peritonitis 258

C. A. Jacobi, MD; J. Ordemann, MD; H. U. Zieren, PhD; H. D. Volk, Prof; A. Bauhofer, PhD; E. Halle, PhD; J. M. Müller, Prof

Intraoperative Pancreatoscopy With the Ultrathin Pancreatoscope for Mucin-Producing Tumors of the Pancreas 263

Tetsuya Kaneko, MD; Akimasa Nakao, MD; Shuji Nomoto, MD; Tsuyoshi Furukawa, MD; Yoshiki Hirooka, MD; Nobuo Nakashima, MD; Tetsuro Nagasaka, MD

Long-term Evaluation of Modified Lateral Anorectal Myomectomy for Low-Segment Hirschsprung Disease 269

Sherif M. K. Shehata, MB, BCh, MS; Ibrahim A. El-Banna, MD; Ahmed A. Gaber, MD; Ahmed M. El-Samongy, MD; Mohamed A. Attia, MD

American Medical Association

Physicians dedicated to the health of America



Copyright 1998 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.

Lynn Jensen, PhD
Chief Operating Officer &
Interim Executive Vice President

George D. Lundberg, MD
Editor in Chief, Scientific
Information and Multimedia

Robert L. Kennett
Interim Senior Vice President,
Publishing & Business Services

Peter L. Payerli
Publisher

Vanessa Hayden
Director, Production &
Distribution Division

Cheryl Iverson
Director, Editorial Processing
Division

Geoffrey A. Flick
Manager, Marketing Services

Advertising Office: J. P. Cahill & Associates, 341 S Waiola Ave, La Grange, IL 60525 (708) 352-0322. **AMA Classified Advertising Department:** Thalia Moss, 800-262-2260.

Extraperitoneal Laparoscopically Assisted Ilioinguinal Lymphadenectomy for Treatment of Malignant Melanoma <i>Manuel Trias, MD; Eduardo M. Targarona, MD; Jorge Piulachs, MD; Carmen Balagué, MD; Ernest Bombuy, MD; Juan José Espert, MD; Antonio Moral, MD; M. Teresa Castel, MD</i>	272	Endoscopic Retrograde Cholangiopancreatography and Endoscopic Endoprosthesis Insertion in Patients With Klatskin Tumors <i>Chi-leung Liu, MB, BS, FRCS(Edin); Chung-mau Lo, FRACS, FRCS(Edin); Edward C. S. Lai, MS, FRACS, FRCS(Edin); Sheung-tat Fan, MS, FRCS(Glasg)</i>	293
Invited Commentary <i>Armando E. Giuliano, MD</i>	275	Embryologic Bases of Extended Radical Resection in Pancreatic Cancer <i>Felice Borghi, MD; Andrea Gattolin, MD; Diego Garbossa; Fabrizio Bogliatto; Marcello Garavoglia, MD; Alessandro Cesare Levi, MD</i>	297
Papillary Thyroid Carcinoma: Modified Radical Neck Dissection Improves Prognosis <i>Shiro Noguchi, MD, PhD; Nobuo Murakami, MD; Hiroto Yamashita, MD, PhD; Masakatsu Toda, MD, PhD; Hitoshi Kawamoto, PhD</i>	276	Risk Factors for Hyperamylasemia After Hepatectomy Using the Pringle Maneuver: Randomized Analysis of Surgical Parameters <i>Keiichi Kubota, MD, PhD; Masatoshi Makuuchi, MD, PhD; Tamaki Noie, MD; Koji Kusaka, MD; Yoshihiro Sakamoto, MD; Kenji Miki, MD; Yasushi Harihara, MD, PhD; Tadatashi Takayama, MD, PhD</i>	303
Open Pelvic Fracture and Fecal Diversion <i>Ronald K. Woods, MD, PhD; Grant O'Keefe, MD, MPH; Peter Rhee, MD, MPH; M. L. Chip Routt, Jr, MD; Ronald V. Maier, MD</i>	281	Prophylactic Abdominal Drainage After Elective Colonic Resection and Suprapromontory Anastomosis: A Multicenter Study Controlled by Randomization <i>Fethi Merad, MD; Elie Yahchouchi, MD; Jean-Marie Hay, MD; Abe Fingerhut, MD; Yves Laborde, MD; Odile Langlois-Zantain, MD; for the French Associations for Surgical Research</i>	309
Sentinel Lymphadenectomy in Thyroid Malignant Neoplasms <i>Pond R. Kelemen, MD; Andre J. Van Herle, MD; Armando E. Giuliano, MD</i>	288		
Invited Commentary <i>Clive S. Grant, MD</i>	292		

ARCHIVES OF SURGERY

Editor:

Claude H. Organ, Jr, MD
University of California—Davis,
East Bay
1411 E 31st St
Oakland, CA 94602

Associate Editor:

Patrick L. Twomey, MD
San Francisco, Calif

Section Editor, Operative Techniques:

Jack Pickleman, MD
Chicago, Ill

Consultant in Surgical History:

Ira M. Rutkow, MD, MPH, DrPH
Freehold, NJ

Editorial Assistant:

Margaret M. Kosiba
Alameda, Calif

Editorial Board

Timothy R. Billiar, MD
Pittsburgh, Pa
Irshad H. Chaudry, PhD
Providence, RI
Laurence Y. Cheung, MD
Kansas City, Kan
Karen E. Deveney, MD
Portland, Ore
Clive S. Grant, MD
Rochester, Minn
Alden H. Harken, MD
Denver, Colo
J. Michael Henderson, MD
Cleveland, Ohio
Eddie L. Hoover, MD
Buffalo, NY
Joseph A. Ignatius, MD
San Francisco, Calif
Danny O. Jacobs, MD, MPH
Boston, Mass
Stephen F. Lowry, MD
New York, NY
Ronald V. Maier, MD
Seattle, Wash
Thomas A. Mustoe, MD
Chicago, Ill
Gerald W. Peskin, MD
Oakland, Calif

Charles L. Rice, MD

Chicago, Ill
John P. Roberts, MD
San Francisco, Calif
Joel J. Roslyn, MD
Philadelphia, Pa
Grace S. Rozycki, MD
Atlanta, Ga
G. Thomas Shires, III, MD
Dallas, Tex
Mark L. Silen, MD, MBA
St Louis, Mo
Bruce E. Stabile, MD
Torrance, Calif
Lester F. Williams, Jr, MD
Nashville, Tenn

International Advisory Board

Licinio Angelini, MD
Rome, Italy
P. C. Bornman, MB, ChB, MMed (Surg)
Cape Town, South Africa
Leigh W. Delbridge, MD
Sydney, NSW, Australia

S. T. Fan, MB, BS, MS

Hong Kong, China
Ch. Herfarth, MD
Heidelberg, Germany
Graham L. Hill, MD, ChM, FRACS, FRCS
Auckland, New Zealand
Kazutomo Inoue, MD
Kyoto, Japan
Jin-Pok Kim, MD
Seoul, Korea
Raj Mohan Nambiar, MBBS
Singapore
Hector Orozco, MD
Mexico City, Mexico
Professor Sir Robert Shields, DL, MD, DSc
Liverpool, England

Former Editors

Dean Lewis, MD
1920-1940
Waltman Walters, MD
1941-1942; 1946-1961
Lester Dragstedt, MD
1943-1945
J. Garrett Allen, MD
1962-1969
Richard Warren, MD
1970-1976
Arthur Baue, MD
1977-1988

Quality of Life in Patients With Cancer of the Esophagus and Gastric Cardia: A Case for Palliative Resection <i>Frank J. Branicki, FRCS; Simon Ying-kit Law, FRCSE; Manson Fok, FRCSE; Roonie T. P. Poon, FRCSE; Kent Man Chu, FRCSE; John Wong, FRACS</i>	316	Gastric Tonometry Is Easy and Valuable <i>Gary R. Collin, MD; Sydney J. Vail, MD</i>	335
		Adenoviral Vector Infection of the Pancreas <i>Dilip Parekh, MD</i>	335
		In Reply <i>Philip S. Barie, MD, FCCM</i>	336

SPECIAL ARTICLE

Surgery in Sweden <i>Bertil Hamberger, MD, PhD</i>	323
--	-----

SURGICAL TECHNIQUE

Middle Segment Pancreatectomy: A Novel Technique for Conserving Pancreatic Tissue <i>Andrew L. Warshaw, MD; David W. Rattner, MD; Carlos Fernández-del Castillo, MD; Kaspar Z'graggen, MD</i>	327
---	-----

Invited Commentary <i>Keith D. Lillemoe, MD</i>	331
---	-----

BOOK REVIEW

Surgical Management of Venous Disease <i>Michael T. Watkins, MD</i>	333
---	-----

CORRESPONDENCE AND BRIEF COMMUNICATIONS

Systemic Inflammatory Response Syndrome and Magic Bullets: Finding the Target and Improving the Aim <i>Peter Gosling, PhD; John U. Bascom, MD; Bashir A. Zikria, MD</i>	334
---	-----

In Reply <i>Arthur E. Baue, MD</i>	334
--	-----

MOMENTS IN SURGICAL HISTORY

George Tiemann and the American Surgical Instrument Trade in the Preantiseptic Era <i>Ira M. Rutkow, MD, MPH, DrPH</i>	338
--	-----

DEPARTMENTS

New Board Member Announcements	239
Surgical Anatomy	301
Products and Services	339
Classified Advertising	340
Index to Advertisers	344

Instructions for Authors—
See January 1998 issue, page 110, or visit the Web site at <http://www.ama-assn.org>

About the Cover

Marjolin ulcer is a malignant degeneration of a chronic burn ulcer, most frequently squamous cell carcinoma.