

Copyright © 1981 by the AMERICAN MEDICAL ASSOCIATION

Official Publication, International Cardiovascular Society and Western Surgical Association

EDITORIAL

- In Support of Having Your Operation Where There Is Training of Surgical Residents** 269
Nicholas L. Tilney, MD, Boston

ORIGINAL ARTICLES

- Contact Plate Thermography: A New Technique for Diagnosis of Breast Masses** 271
Irwin M. Goldberg, MD, Peter M. Schick, MD, Torrance, Calif; Yosef Pilch, MD, San Diego;
M. Michael Shabot, MD, Torrance, Calif
This technique was as accurate as physical examination and mammography.
Editorial comment by John S. Welch, MD, Rochester, Minn
- Percutaneous Transluminal Recanalization of Complete Iliac Artery Occlusions** 277
Ronald F. Colapinto, MD, FRCP(C); E. Philip Harries-Jones, MB, BCh, FRCP(C); K. Wayne Johnston, MD, FRCS(C); Toronto
Preliminary results with this technique were good in eight of ten patients.
- Surgery and Its Sequelae in Crohn's Colitis and Ileocolitis** 285
Adrian J. Greenstein, MD; Samuel Meyers, MD; Linda Sher, MD; Tomas Heimann, MD; Arthur H. Aufses, Jr, MD, New York
Late complications were most frequently due to recurrent disease in the terminal ileum.
- Effect of Low-Power Density Laser Radiation on Healing of Open Skin Wounds in Rats** 293
Jan S. Kana, MD; Gerd Hutschenreiter, MD; Dr rer nat Diether Haina; Prof Dr rer nat Wilhelm Waidelich, Munich, West Germany
The rate of wound closure was enhanced by helium neon laser radiation.
- Exogenous Gastrin in Rhesus Monkeys: The Effect of 50% Distal Small-Bowel Resection on Its Rate of Disappearance** 297
Colin R. Mackie, MB, ChB, FRCS, Michael H. Lewis, MB, ChB, FRCS, Chicago;
V. L. W. Go, MD, Rochester, Minn; A. Rahim Moossa, MD, FRCS, Chicago
Results suggest that distal half of small bowel does not contribute to the catabolism of circulating gastrin.
- Aortofemoral Bypass Grafting: A Reappraisal** 301
Arthur F. Jones, MD, Richard F. Kempczinski, MD, Denver
Graft limb patency was 89% after three years.
- Twenty Years of Splenectomy for Hereditary Spherocytosis** 306
Ira M. Rutkow, MD, MPH, DPH, Baltimore
Patients over ten years of age may also have gallstones.
- In Situ Lobular Carcinoma of the Breast** 309
Eugene Culetto, MD, Joseph Giordano, MD, Washington, DC
A small number of in situ lesions progress to invasive tumors.
- Bacterial Endocarditis in the Critically Ill Surgical Patient** 311
David C. Powell, MD; Brack A. Bivins, MD; Richard M. Bell, MD; Charles R. Sachatello, MD;
Ward O. Griffen, Jr, MD, PhD, Lexington, Ky
Endocarditis was associated with persistent intraperitoneal sepsis and right-sided heart catheterization.
- Surgical Management for Malignant Melanoma of the Trunk** 315
Daniel F. Roses, MD; Matthew N. Harris, MD; Stephen L. Gumpert, MD, New York
In the majority of patients melanoma in regional nodes indicated the presence of systemic disease.
- Open and Percutaneous Paracentesis and Lavage for Abdominal Trauma: A Randomized Prospective Study** 318
H. Leon Pachter, MD, Steven R. Hofstetter, MD, New York
The open technique was safer and more accurate.

THE ARCHIVES OF SURGERY (ISSN 0004-0010) 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, IL 60610 and at additional mailing office.

CHANGE OF ADDRESS: POSTMASTER, send address changes to Helen R. Mazur, Director, Circulation-Fulfillment. Notification of address change should be sent at least six weeks in advance, including both old and new address and a mailing label taken from the most recent copy. Include your new zip code number.

SUBSCRIPTION RATES: The rates for the ARCHIVES OF SURGERY 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, \$40 for one year, \$76 for two years. Special yearly price to residents, interns, and medical students in the United States and US possessions, one year, \$15; two years, \$28. Address all subscription communications to Circulation Fulfillment Department. Phone: 312, 751-6079.

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.

CONTENTS—Continued

Experiences With Conversion of Jejunioileal Bypass to Gastric Bypass: Its Use for Maintenance of Weight Loss 320
Ward O. Griffen, Jr, MD, PhD; James M. Hostetter, MD; Richard M. Bell, MD; Brack A. Bivins, MD;
Catherine Bannon, RN, Lexington, Ky
Conversion allowed patients to maintain weight reduction and reversed the adverse effects of the
small-bowel bypass.
Editorial comment by Hastings K. Wright, MD, New Haven, Conn

Radiation-Induced Parotid Cancer 329
Michael J. Walker, MD; Prabir K. Chaudhuri, MD; Donald C. Wood, MD; Tapas K. Das Gupta, MD, PhD, Chicago
Parotid cancer developed in six patients two to 24 years after radiation to that area.

Regeneration of Splenic Autotransplants in Suckling and Adult Rats 335
Karen F. Kovacs, MD; Vicente J. Caride, MD; Robert J. Touloukian, MD, New Haven, Conn
Regeneration occurred in developing animals but not in mature animals.

**Retained Biliary Tract Stones: Nonsurgical Treatment With Capmul 8210, a New Cholesterol
Gallstone Dissolution Agent** 341
Eberhard Mack, MD; Emmons M. Patzer, MS; Andrew B. Crummy, MD, Madison, Wis;
Alan F. Hofmann, MD, San Diego; Vigen K. Babayan, PhD, Indianapolis
Dissolution of bile duct stones using this solvent was observed in 15 of 19 patients.

CLINICAL NOTES

Mechanisms of Arterial Injuries Associated With Total Hip Replacement 345
John C. Aust, MD; Carl E. Bredenberg, MD; David G. Murray, MD, Syracuse, NY
Injuries were due to retraction, heat from the polymer, and preparation of the acetabulum.

Agensis of the Common Bile Duct 350
George B. Markle IV, MD, Carlsbad, NM
Recognition of unusual biliary tract anomalies allows primary reconstruction.

Left Atrial Myxoma and Coronary Artery Disease: Combined Surgical Treatment 353
Philip L. Rice, MD, Roque Pifarré, MD, Maywood, Ill
Older patients may have symptoms from both lesions.

TECHNIQUES

Modified Technique to Produce Valvular Incompetence in In Situ Saphenous Vein Arterial Bypass 356
Dhiraj M. Shah, MD, Dale Buchbinder, MS, MD, Albany, NY
The valves are cut with a long scissors inserted at the proximal end of the vein.

Microfibrillar Collagen Hemostatic Pledgets 359
Leo A. Gordon, MD; Stephen J. Shapiro, MD; Sherwood E. Feinberg, MD, Los Angeles
A microfibrillar collagen hemostatic agent is compressed into a pledget in the barrel
of a syringe with the end cut off.

SPECIAL ARTICLES

Traumatic Asplenia in Adults: A Defined Hazard? 361
Joseph D. Dickerman, MD, Burlington, Vt
Asplenia at any age predisposes the patient to increased risk of serious infection.
Editorial comment by Arthur E. Baue, MD, New Haven, Conn

Refinements in Breast Cancer Risk Analysis 364
Patricia T. Kelly, PhD, San Francisco
Family medical history is only one of many factors to be considered in assessing breast cancer risk.
Editorial comment by Gardner W. Smith, MD, Baltimore

REGULAR DEPARTMENTS

Calendar of Events 366

Correspondence and Brief Communications 367
Staging Laparotomy in Hodgkin's Disease Michael R. Kadin, MD, Pasadena, Calif, Timothy P. O'Holleran, MD, Wichita,
Kan . . . **Continuous Positive Airway Pressure** Marc Gottlieb, MD, Albany, NY . . . **Surgical Glove Powder: A Continuing Hazard**
Carl W. Liebert, Jr, MD, Louisville

Overseas Notes 369
Ben Eiseman, MD, *Coordinator*
Conference on Esophageal Problems F. Henry Ellis, Jr, MD, Boston

Books 371
Atlas of Acute Hand Injuries (Sandzen) Reviewed by Paul Brown, MD, Bridgeport, Conn. . . **A Primer of Water, Electrolyte and
Acid-Base Syndromes** (Goldberger) Reviewed by Peter Hutchin, MD, La Jolla, Calif . . . **Grant's Method of Anatomy** (Basmajian)
Reviewed by Darvan A. Moosman, MD, Ann Arbor, Mich . . . **A Guide to Dissection in Gross Anatomy** (Woodburne) Reviewed by
Mark A. Hayes, MD, New Haven, Conn

Index to Advertisers 370

Instructions for Authors See February 1981, p 139