

Copyright © 1978 by the AMERICAN MEDICAL ASSOCIATION

Official Publication, International Cardiovascular Society and Western Surgical Association

EDITORIALS

- Emergency Medical Services Categorization and Regionalization: An Accomplished Fact** 1133
Robert J. Baker, MD, Chicago

- Staging Laparotomy** 1135
Clara D. Bloomfield, MD, Minneapolis, Jerome J. DeCosse, MD, Milwaukee

PAPERS READ BEFORE THE ANNUAL MEETING OF THE SOUTHERN CALIFORNIA CHAPTER OF THE AMERICAN COLLEGE OF SURGEONS, SANTA BARBARA, CALIF, JAN 20-22, 1978

- Serum Pepsinogen I, Serum Gastrin, and Gastric Acid Output in Postoperative Recurrent Peptic Ulcer** 1136
Bruce E. Stabile, MD; Edward Passaro, Jr, MD; I. Michael Samloff, MD; John H. Walsh, MD, Los Angeles
Radioimmunoassay of serum pepsinogen I levels were useful in identification of patients with recurrent ulcers.

- Spatial Distribution of Colonic Carcinoma** 1142
Leon Morgenstern, MD, Stephen E. Lee, MD, Los Angeles
A clinically important shift in the distribution of colon cancer toward the right side of the colon seems to have occurred during the past several decades.

- Management of the Appendiceal Mass** 1144
Barry Foran, MD; Thomas V. Berne, MD; Leonard Rosoff, MD, Los Angeles
Operative and nonoperative treatment are compared.

- Acute Cholecystitis in the Elderly: A Surgical Emergency** 1149
Douglas J. Morrow, MD; Jerome Thompson, MD; Samuel E. Wilson, MD, Los Angeles
Satisfactory response to conservative measures less likely in the elderly.

- Management of Major Arteriovenous Fistulas by Arteriographic Techniques** 1153
Richard R. Ricketts, MD; Ethel Finck, MD; Albert E. Yellin, MD, Los Angeles
Obliteration of fistulas by embolization was achieved in five patients.

- Salmonella Arteritis: A Precursor of Aortic Rupture and Pseudoaneurysm Formation** 1163
Samuel E. Wilson, MD; H. Earl Gordon, MD; Peter B. Van Wagenen, MD, Los Angeles
Excision and bypass grafting through uninfected tissue was successful in three patients.

- Poststress Doppler Ankle Pressures: A Comparison of Treadmill Exercise With Two Other Methods of Induced Hyperemia** 1171
J. Dennis Baker, MD, Los Angeles
Postocclusion reactive hyperemia measurement provides a standardized stress study that does not require patient cooperation.

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 yearly rate of the ARCHIVES OF SURGERY is as follows: for members of the AMA, \$1.50, included in the annual

membership dues; for nonmembers, \$18 for one year, \$28 for two years in the United States and US possessions; all other countries, \$28 for one year, \$38 for two years. Special yearly price to residents, interns, and medical students in the United States and US possessions, \$9. Address all subscription communications to Circulation-Fulfillment Department.

ADVERTISING OFFICES: 535 N Dearborn St, Chicago, IL 60610, Area Code 312, 751-6000; and 600 Third Ave, New York, NY 10016, Area Code 212, 867-6640.

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

- Patency of Biologic and Prosthetic Inferior Vena Cava Grafts With Distal Limb Fistula** 1174
Samuel E. Wilson, MD; Abdel Jabour, MD; Richard T. Stone, MD; Thomas M. Stanley, MD, Los Angeles
Early results favorable with PTFE grafts and distal fistula.
Editorial comment by Ralph A. Deterling, Jr, MD, Boston

ORIGINAL ARTICLES

- Depression of Cell-Mediated Immunity in Diabetes** 1180
Avinoam Eliashiv, MD; Folabi Olumide, MD, BS, FRCS; Lawrence Norton, MD; Ben Eiseman, MD, Denver
Reduced lymphocyte reactivity and thymus-derived lymphocytes
found in insulin-dependent controlled diabetics.
- Pseudo-obstruction of the Colon** 1186
Eric P. Melzig, MD, Jose J. Terz, MD, Richmond, Va
Cecal perforation is a threat and cecostomy may be required
even though there is no obstructing lesion.
- Cardiac Function and Hypercarbia** 1196
Jens Peter Rasmussen, MD; Paul J. Dauchot, MD; Ralph G. DePalma, MD; Birgit Sorensen, MD;
Gary Regula, PhD; Aaron H. Anton, PhD; Joachim S. Gravenstein, MD, Cleveland
The cardiovascular effects of hypercarbia in anesthetized patients are described.

CLINICAL NOTE

- Primary Carcinoma of the Cystic Duct** 1202
Tadao Manabe, MD, Kyoto, Japan, Tatsuro Sugie, MD, Shiga, Japan
Distended gallbladder and small mass in the cystic duct suggest this lesion.

TECHNIQUES

- Side-to-End Colorectal Anastomosis With Monofilament Stainless Steel Wire** 1205
Joseph R. Quill, MD, Norristown, Pa
Low incidence of anastomotic leaks.
Editorial comment by Leon Morgenstern, MD, Los Angeles
- Closure of an Acute Perforated Peptic Ulcer With the Falciform Ligament** 1209
Donald E. Fry, MD; J. David Richardson, MD; Lewis M. Flint, Jr, MD, Louisville
An alternative when the omentum is inadequate.

REGULAR DEPARTMENTS

- Calendar of Events** 1211
- Correspondence and Brief Communications** 1211
Hyponatremia Associated With Tap Water Debridement Steven J. Rosansky, MD, Montreal
- Books** 1212
Transurethral Resection (Silber) Reviewed by Guy W. Leadbetter, Jr, MD, Burlington, Vt . . . **Books Received But Not Reviewed**
- Index to Advertisers** 1212
- Instructions for Authors and Correspondents** 1125