

**PAPERS READ BEFORE THE 91ST ANNUAL MEETING OF THE
WESTERN SURGICAL ASSOCIATION, MONTEREY, CALIF, NOV 14-16, 1983—PART II**

- Hepatocellular Carcinoma: Changing Concepts in Diagnosis and Management** 637
Robert C. Lim, Jr, MD, Frederic S. Bongard, MD, San Francisco
Surgical resection greatly improved survival.
- Local Cutaneous Recurrence After Conservative Excision of Malignant Melanoma** 643
Delmar R. Aitken, MD; Arthur G. James, MD; Larry C. Carey, MD, Columbus, Ohio
A policy of conservative excision (<5 cm) did not contribute to local recurrence.
- Resection of Hepatic Metastases From Colorectal Cancer** 647
Martin A. Adson, MD; Jonathan A. van Heerden, MD; Martin H. Adson, MD;
James S. Wagner, MD; Duane M. Ilstrup, MS, Rochester, Minn
Survival for five years after resection of hepatic metastases was 25%.
- Laparotomy for Intra-abdominal Sepsis in Patients in an Intensive Care Unit** 652
Mika Sinanan, MD; Ronald V. Maier, MD; C. James Carrico, MD, Seattle
Best results were obtained when exploration was carried out based on objective evidence
of intra-abdominal infection but before septic shock or bacteremia.
- Gastrojejunal Disruptions: Changing Concepts in Management** 659
John R. Kirkpatrick, MD, Thomas Siegel, MD, Detroit
An end-to-end retrocolic Roux-en-Y anastomosis with a long (100-cm)
jejunal limb minimized the effects of a disruption if it occurred.
- Duplex Ultrasonography, Digital Subtraction Angiography, and Conventional
Angiography in Assessing Carotid Atherosclerosis** 664
John L. Glover, MD; Phillip J. Bendick, PhD; Valerie P. Jackson, MD;
Gary J. Becker, MD; Russell S. Dille, MD; Robert W. Holden, MD, Indianapolis
Duplex sonography was as accurate as digital subtraction angiography
in evaluating carotid atherosclerosis.
- Managing the Outer Limits of Reconstruction With Microsurgical Free Tissue Transfer** 673
Joseph C. Banis, Jr, MD, Robert D. Acland, MD, Louisville
Microsurgical techniques allow selection of the most appropriate
donor tissue for reconstruction.
- Management of Renovascular Problems During Aortic Operations** 681
Malcolm O. Perry, MD, Michael F. Silane, MD, New York
A combined aortic and renal artery procedure may be necessary for
technical reasons or for renovascular disease.
- Superiority of Transcutaneous Oximetry in Noninvasive Vascular Diagnosis
in Patients With Diabetes** 690
Carl J. Hauser, MD; Stanley R. Klein, MD; C. Mark Mehringer, MD;
Paul Appel, MPA; William C. Shoemaker, MD, Torrance, Calif
Significant hypoxia predicted large-vessel lesions,
many of which were reconstructible.

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.

SUBSCRIPTION RATES—The subscription 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, one year, \$40; two years, \$76 (add \$10 surcharge to each one-year subscription, \$20 for two years for air delivery to the United Kingdom and Europe only). Special yearly rates to residents and medical students in the United States and US possessions, one year, \$15; two years, \$28. Rates for subscriptions for delivery to Bangladesh, India, Japan, Nepal, South Korea, and Sri Lanka are

available through respective exclusive agents. Address all subscription communications to the American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 645-4929.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to Caryl L. Wertheimer, Director of Fulfillment, 535 N Dearborn St, Chicago, IL 60610. Notification of address change must be made at least six weeks in advance, include both old and new addresses, a recent mailing label, and your new zip code.

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.

Role of Intra-arterial Streptokinase in Treatment of Arterial Thromboembolism	697
Robert H. Wolfson, MD; David A. Kumpe, MD; Robert B. Rutherford, MD, Denver	
This technique was most useful in poor-risk patients with an acute occlusion but with a viable, symptomatic extremity.	
Efficacy of Preoperative Biliary Tract Decompression in Patients With Obstructive Jaundice	703
Steven R. Gundry, MD; William E. Strodel, MD; James A. Knol, MD;	
Frederic E. Eckhauser, MD; Norman W. Thompson, MD, Ann Arbor, Mich	
Patients selected for preoperative decompression had fewer problems after operation.	
Effects of Prostaglandins on Motility of Gallbladders Removed From Patients With Gallstones	709
Cyrus A. Kotwall, MD; Alexander S. Clanachan, PhD; Hans P. Baer, PhD;	
Gerald W. Scott, MB, FRCS(C), Edmonton, Alberta	
Indomethacin reduced or abolished the rhythmical contractions of the gallbladder wall.	
Central Venous Thrombosis and Embolism Associated With Peritoneovenous Shunts	713
William J. Foley, MD; Joseph P. Elliott, Jr, MD; Roger F. Smith, MD;	
Daniel J. Reddy, MD; Joseph W. Lewis, Jr, MD; John H. Hageman, MD, Detroit	
Central venous thrombosis with pulmonary embolism was the most serious complication with this device.	
Perfluorocarbon Infusion in Bleeding Patients Refusing Blood Transfusions	721
Kenneth Waxman, MD; Kevin K. Tremper, PhD, MD; Bruce F. Cullen, MD;	
G. Robert Mason, MD, PhD, Orange, Calif	
Patients treated with perfluorocarbon infusion had a considerable increase in oxygen consumption during oxygen breathing.	
ORIGINAL ARTICLE	
Obliteration of the Gallbladder Without Formal Cholecystectomy: A Feasibility Study	725
Erich Salomonowitz, MD; Mathis P. Frick, MD; Richard L. Simmons, MD; John F. O'Leary, MD;	
Gunnar Lund, MD; Andrew H. Cragg, MD; Kurt Amplatz, MD, Minneapolis	
Chronic fibrosis can be induced in the rabbit gallbladder by sclerosing agents after mechanical cystic duct occlusion.	
CLINICAL NOTE	
Massive Rectal Bleeding From Colonic Fistula in Pancreatitis	732
Galen V. Poole, Jr, MD, Stephen L. Wallenhaupt, MD, Winston-Salem, NC	
Arteriography demonstrated a false aneurysm with bleeding into the splenic flexure of the colon in one patient, and bleeding into a pseudocyst and into the colon in another patient.	
REGULAR DEPARTMENTS	
Correspondence and Brief Communications	739
Choledochal Cysts in Children Barbara Barlow, MD, New York . . . Hepatic Encephalopathy in Patients With Hepatosplenic	
Schistosomiasis Mansonii José Eymard H. Pittella, MD, Belo Horizonte, Brazil	
Calendar of Events	739
Books	740
Principles of Surgery (Schwartz, Shires, Spencer, and Storer, eds) Reviewed by Ben Eiseman, MD, Denver . . . Surgical Aspects	
of Haemodialysis (Bell and Wood) Reviewed by Richard Weil III, MD, Denver . . . Gibbon's Surgery of the Chest (Sabiston and	
Spencer, eds) Reviewed by Bruce C. Paton, MD, Denver . . . Surgery Annual 1983 (Nyhus, ed) Yearbook of Surgery 1983	
(Schwartz, Najarian, Peacock, et al) Reviewed by Ben Eiseman, MD, Denver . . . The Hand: Examination and Diagnosis	
(American Society for Surgery of the Hand) Reviewed by Frank A. Scott, MD, Denver	
Instructions for Authors	632
Index to Advertisers	636