

PAPERS READ BEFORE THE SIXTH ANNUAL SURGICAL SYMPOSIUM OF THE ASSOCIATION OF VETERANS ADMINISTRATION SURGEONS, ATLANTA, MAY 13-15, 1982

- Surgical Therapy for Small-Bowel Carcinoid Tumors** 391
 William E. Strodel, MD, Ann Arbor, Mich; Gary Talpos, MD, Detroit;
 Frederic Eckhauser, MD, Norman Thompson, MD, Ann Arbor, Mich
 The prognosis was less favorable for patients with hepatic metastases or incomplete resection.
- Repair of Rectal Prolapse Using a Puborectal Sling Procedure** 398
 Frederick L. Greene, MD, Columbia, SC
 Procidentia and associated fecal incontinence were corrected with a sling of polypropylene mesh.
- Coronary Artery Bypass Surgery in the Elderly** 402
 Betty A. Hibler, MD; James O. Wright, MD; Creighton B. Wright, MD; Johann L. Ehrenhaft, MD;
 Donald B. Doty, MD; Nicholas P. Rossi, MD, Iowa City
 The operative risk seemed to be increased only in patients above the age of 75 years.
- Age and Immune Response to a Surgical Stress** 405
 Bernard S. Linn, MD, Joerg Jensen, MD, PhD, Miami
 Some parts of the immune response are more depressed by operation on older patients.
- Arterial Graft Infections: Delayed v Immediate Vascular Reconstruction** 410
 William D. Turnipseed, MD; Herbert A. Berkoff, MD; Don E. Detmer, MD;
 Charles W. Acher, MD; Folkert O. Belzer, MD, Madison, Wis
 Immediate vascular construction after graft removal may not always be necessary or advisable.
- Evaluation of Transplant Renal Artery Blood Flow by Doppler Sound-Spectrum Analysis** 415
 Emanuel R. Reinitz, MD; Mitchell H. Goldman, MD; Josephine Sais; Stanley E. Rittgers, PhD;
 H. M. Lee, MD; G. Mendez-Picon, MD; Wael F. Muakkassa, MD; Robert W. Barnes, MD, Richmond, Va
 Doppler ultrasound was helpful in evaluating hypertensive transplant recipients for the possibility of renal artery stenosis.
- The Effect of Sympathetic Innervation on Canine Muscle and Skin Blood Flow** 420
 Jack L. Cronenwett, MD; Gerald B. Zelenock, MD; Walter M. Whitehouse, Jr, MD;
 James C. Stanley, MD; S. Martin Lindenauer, MD, Ann Arbor, Mich
 The only significant effect of sympathectomy was to redistribute distal capillary blood flow through arteriovenous anastomoses.
- Subtotal Parathyroidectomy for Primary Hyperparathyroidism: Long-term Results in 292 Patients** 425
 Edward Paloyan, MD; A. M. Lawrence, MD, PhD; Raymond Oslapas, PhD;
 Kishor H. Shah, MD, Maywood, Ill; Kazuko Ernst, Hines, Ill; Cecilia Hofmann, PhD, Maywood, Ill
 No instances of recurrent hyperparathyroidism have been identified.
 Editorial comment by Walter F. Ballinger, MD, St Louis
- Hemodynamic Effects of Vasopressin: Can Large Doses Be Safely Given?** 434
 Harold V. Gaskill III, MD; Kenneth R. Sirinek, MD, PhD; Barry A. Levine, MD, San Antonio
 Increased doses of vasopressin in swine decreased gastric mucosal blood flow with less adverse effect on cardiac output.
- Endotoxin, Cellular Function, and Nutrient Blood Flow** 441
 Eleanor F. Asher, MD; R. Neal Garrison, MD;
 Deborah J. Ratcliffe; Donald E. Fry, MD, Louisville
 Reduced nutrient blood flow to the liver occurs early with endotoxemia.

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. Address all subscription communication to American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 751-6079.

CHANGE OF ADDRESS—POSTMASTER, send 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, including both old and new addresses, and a mailing label taken from the most recent copy. Include your new zip code number.

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.

Impact of Choice of Anesthetic With Vagotomy Testing	446
Karl Zucker, MD; Christopher Nelson, MD; David Hoyt, MD; Richard P. Saik, MD, San Diego	
The parietal cell response to vagal stimuli was depressed less by halothane.	
Early Experience With Endoscopic Percutaneous Gastrostomy	449
William E. Strodel, MD; John Lemmer, MD; Frederic Eckhauser, MD;	
Mark Botham, MD; Thomas Dent, MD, Ann Arbor, Mich	
An alternative method for performing a feeding gastrostomy is described.	
Intraoperative Ureteral Injury: Options in Management	454
Donald E. Fry, MD; Linda Milholen, MD; Phil J. Harbrecht, MD, Louisville	
Immediate recognition of accidental ureteral injury provides best results.	
Intraperitoneal Splenic Autotransplantation: Protection Afforded in a Naturally Occurring Epidemic of Murine Mycoplasmosis	458
Charles D. Livingston, MD; Barry A. Levine, MD; Kenneth R. Sirinek, MD, PhD, San Antonio	
Intraperitoneal, but not subcutaneous, splenic implants improved survival.	
Digital Subtraction Angiography and Continuous-Wave Doppler Studies: Their Use in Postoperative Study of Patients With Carotid Endarterectomy	462
Charles W. Acher, MD; William D. Turnipseed, MD; Joseph F. Sackett, MD;	
Charles M. Strother, MD; Andrew Crummy, MD; Charles Mistretta, MD, Madison, Wis	
Both techniques identified significant recurrent stenoses.	
Early Experience With Popliteal to Infrapopliteal Bypass for Limb Salvage	472
James J. Schuler, MD; D. Preston Flanigan, MD; Larry R. Williams, MD;	
Timothy J. Ryan, MD; John J. Castronuovo, MD, Chicago	
In patients with hemodynamically normal inflow to the level of the knee a shorter bypass graft contributed to limb salvage.	
A Systematic Approach to the Assessment of Aortoiliac Disease	477
Brian L. Thiele, MD; Dennis F. Bandyk, MD; Robert E. Zierler, MD; D. Eugene Strandness, Jr, MD, Seattle	
The significance of aortoiliac disease could be determined by pulsatility index alone in only two thirds of patients.	
Cost of Treatment of Bleeding Esophageal Varices	482
Raphael Chung, MD; Jeffrey W. Lewis, MD, Iowa City	
Sclerotherapy provided lower hospital mortality, readmission rate, and total cost during a two-year follow-up period.	
The Nature and Course of Cystic Pancreatic Lesions Diagnosed by Ultrasound	486
Gerard V. Aranha, MD, FRCS(C), Hines, Ill; Richard A. Prinz, MD, Maywood, Ill;	
Anunsacion C. Esguerra, MD, Herbert B. Greenlee, MD, Hines, Ill	
Serial ultrasound examinations were useful in evaluating cystic lesions of the pancreas.	
Total Hip Replacement in Patients With Renal Transplants	489
Samuel J. Chmell, MD; Charles M. Schwartz, MD;	
Joseph L. Giacchino, MD; Todd S. Ing, MD, Maywood, Ill	
Avascular necrosis of the femoral head associated with steroid therapy after transplantation can be treated satisfactorily with hip replacement.	
Efficacy of Oral and Systemic Antibiotic Prophylaxis in Colorectal Operations	496
Robert E. Condon, MD, MS, Wood, Wis; John G. Bartlett, MD, Baltimore;	
Herbert Greenlee, MD, Hines, Ill; William J. Schulte, MD, Wood, Wis; Shigeru Ochi, PhD, Hines, Ill;	
CAPT Robert Abbe, MC, USN, Great Lakes, Ill; Joseph A. Caruana, MD, Buffalo;	
H. Earl Gordon, MD, Los Angeles; J. Shelton Horsley, MD, Richmond, Va;	
George Irvin III, MD, Miami; Willard Johnson, MD, Boston; Paul Jordan, Jr, MD, Houston;	
W. Ford Keitzer, MD, Dallas; Robert Lempke, MD, Indianapolis; Raymond C. Read, MD, Little Rock, Ark;	
William Schumer, MD, North Chicago, Ill; Michael Schwartz, MD, Minneapolis;	
F. Kristian Storm, MD, Sepulveda, Calif; R. Mark Vetto, MD, Portland, Ore	
There was no discernible benefit from adding a parenteral antibiotic to mechanical cleansing and oral neomycin/erythromycin.	
REGULAR DEPARTMENTS	
Calendar of Events	503
Books	504
Complications of Pediatric Surgery (deVries and Shapiro, eds) Reviewed by Jack H. T. Chang, MD, Dallas . . . Clinical Applications for Muscle and Musculocutaneous Flaps (Mathes and Nahai, eds) Reviewed by L. Levant Ketch, MD, Denver . . . Books Received but not Reviewed	
Index to Advertisers	503
Instructions for Authors	See March 1983 issue, p 269