

**PAPERS READ BEFORE THE 11TH ANNUAL SURGICAL SYMPOSIUM
OF THE ASSOCIATION OF VETERANS ADMINISTRATION SURGEONS,
PORTLAND, ORE, MAY 6-9, 1987**

- Acute Cholecystitis in the Diabetic: A Case-Control Study of Outcome** 409
Mark S. Hickman, MD; Wayne H. Schwesinger, MD; Carey P. Page, MD, San Antonio
Diabetes significantly increased the morbidity and mortality in cases following operative treatment of acute cholecystitis compared with controls without diabetes.
- Femur Fracture With Associated Soft-Tissue Injury Produces Hepatic Ischemia: Possible Cause of Hepatic Dysfunction** 412
William J. Schirmer, MD; James M. Schirmer; Michael C. Townsend, MD; Donald E. Fry, MD, Cleveland
Rats with closed femur fractures and soft-tissue injury had a defect in hepatic blood flow.
- The Role of Preoperative Radionuclide Left Ventricular Ejection Fraction for Risk Assessment in Carotid Surgery** 416
Andris Kazmers, MD; Manuel D. Cerqueira, MD; R. Eugene Zierler, MD, Seattle
Preoperative radionuclide ventriculography predicted the cardiac risk associated with carotid endarterectomy.
- Effects of Sodium Hypochlorite (Dakin's Solution) on Cells of the Wound Module** 420
Robert A. Kozol, MD; Concettina Gillies, MS; Salwa A. Elgebaly, PhD, Farmington, Conn
Dakin's solution injured fibroblasts and endothelial cells in cell culture and depressed neutrophil function.
- Temporal Relationship of Hepatocellular Dysfunction and Ischemia in Sepsis** 424
George W. Machiedo, MD; Thelma Hurd, MD; Benjamin F. Rush, Jr, MD; George Dikdan, MS; John McGee; Thomas Lysz, PhD, East Orange, NJ
Peritoneal sepsis in rats decreased hepatic blood flow before the function of isolated hepatocytes was altered.
- Prevention of Contraction of Patched Intestinal Defects** 428
Jon S. Thompson, MD; Tim C. Hollingsed; Shailendra K. Saxena, MD, Omaha
Neomucosal growth on intestinal serosal patches was enhanced by preventing contraction with splints.
- Pepsin Release by Prostaglandin E, Analogue: A Potential Therapeutic Problem** 431
Marc D. Basson, MD; Karl A. Zucker, MD; Thomas E. Adrian, PhD, MRCPath; Michael J. Zdon, MD; Garth H. Ballantyne, MD; Irvin M. Modlin, MD, New Haven, Conn
A synthetic prostaglandin E, analogue (misoprostol) decreased histamine-augmented acid secretion from rabbit parietal cells but stimulated pepsinogen secretion by gastric glands.
- Comparative Evaluation of Prosthetic, Reversed, and In Situ Vein Bypass Grafts in Distal Popliteal and Tibial-Peroneal Revascularization** 434
Veterans Administration Cooperative Study Group 141, Boston
Vein graft patency rates are superior to prosthetic grafts at two-year follow-up while in situ and reversed saphenous vein grafts had similar patency rates.
- Comparison of Survival in Cardiac Surgery at a Veterans Administration and Its Affiliated University Hospital** 439
David C. Kress, MD; George M. Kroncke, MD; Paramjeet S. Chopra, MD; David J. Cohen, MD; Paul W. Rasmussen, MS; Ronald D. Nichols, CCP; Ellouise S. Beatty, MS; Herbert A. Berkoff, MD, Madison, Wis
When the same "team" performs cardiac surgery in two related institutions, the results are and should be similar.
- Diameter, Cell Type, and Survival in Stage I Primary Non-Small-Cell Lung Cancer** 446
Raymond C. Read, MD, PhD; Robert Schaefer, MD; Neshe North; Robert Walls, PhD, Little Rock, Ark
Tumor size and cell type affected survival in patients with stage I lung cancer.
- Clinical and Experimental Evaluation of Aortic Polytetrafluoroethylene Grafts for Aneurysm Replacement** 453
John D. Corson, MBCLB, Iowa City; Robert Reinhardt, MSc, Albert Von Grondell, PhD, Troy, NY; Dhiraj Shah, MD; Jeffrey Kaufman, MD; Robert Leather, MD, Albany, NY
Expanded polytetrafluoroethylene grafts compared favorably with Dacron grafts experimentally and clinically.

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Thomas A. Stellato, MD; Michael C. Townsend, MD; Nahida Gordon, PhD; Larry H. Danziger, PharmD; Pam Galloway, MD; Natalie L. Hawkins; Donald E. Fry, MD, Cleveland Muramyl dipeptide increased bacterial clearance, but fever adversely affected it in experimental peritonitis.	
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Dennis F. Bandyk, MD; Hermann W. Kaebnick, MD; Thomas M. Bergamini, MD; Pamela Moldenhauer, RN; Jonathan B. Towne, MD, Milwaukee Successful bypasses had antegrade flow throughout the pulse cycle and velocity above 40 cm/s.	
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Thomas G. Lynch, MD; Robert W. Hobson II, MD; John C. Kerr, Boston; David A. Brousseau, Philadelphia; David G. Silverman, MD, New Haven, Conn; Cheryl A. Reilly, RN, Howard Tseng, MD, PhD, Philadelphia Laser Doppler velocimetry and quantitative dye fluorescence were better than Doppler ultrasound in assessing experimental intestinal ischemia.	
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Brett T. Gemlo, MD; Anthony A. Rayner, MD; Robert J. Swanson, MD, San Francisco; James A. Young, MD, Tulsa, Okla; COL Joseph F. Homann, MD, David C. Hohn, MD, San Francisco Extravasation was manifest by pain, swelling, erythema, or induration in the region of the venipuncture and catheter tunnel.	
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Carol A. Raviola, MD, Larry S. Nichter, MD, Los Angeles; J. Dennis Baker, MD, Sepulveda, Calif; Ronald W. Busuttill, MD, PhD; Herbert I. Machleder, MD; Wesley S. Moore, MD, Los Angeles It is equally expensive to treat ischemia of the lower extremities by vascular reconstruction or amputation.	
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Dominique Franco, MD, Villejuif, France; Claude Smadja, MD; Fahrid Kahwaji, MD; Didier Grange, MD; François Kemeny, MD, Evry, France; Oscar Traynor, MCh, FRCSI, Villejuif, France Anatomic segmental resections are advocated for resection of hepatic neoplasms.	
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