

EDITORIAL

- Surgeons and Intensive Care Units** 881
John J. Skillman, MD, Boston

ORIGINAL ARTICLES

- Further Definition of Antibiotic Use and Abuse in the Surgical Setting** 883
Francis T. Gardner, MD; Calvin E. Jones, MD; Hiram C. Poik, Jr, MD, Louisville
Nonuse of antibiotics was usually appropriate, but often use of antibiotics was inappropriate.
- Cholelithiasis Associated With Acute Cholecystitis** 887
Howard C. Pittuk, MD, John M. Beal, MD, Chicago
Intraoperative cholangiography was the most reliable method for detection of common duct calculi.
- Ultrasonography and Tumor-associated Antigens: The Concept of Combining Noninvasive Tests in the Screening for Pancreatic Cancer** 889
Colin R. Mackie, MB, ChB, FRCS; James Bowie, MD; Martin J. Cooper, MB, BS, FRCS;
Michael H. Lewis, MB, ChB, FRCS; A. Rahim Moossa, MD, FRCS, FACS, Chicago
When the ultrasound diagnosis is doubtful, tumor antigen measurement may be of additional help.
- Factors Determining Peripheral Vein Tolerance to Amino Acid Infusions** 897
Ricardo Gazitua, MD; Katherine Wilson, RN; Bruce R. Bistran, MD, PhD; George L. Blackburn, MD, PhD, Boston
Osmolarity and potassium were more important than amino acids in producing phlebitis.
- Portal Vein Thrombosis Associated With Cirrhosis: Clinical Importance** 902
I. James Sarfeh, MD, Albany, NY
Rebleeding after shunt operations is more frequent, but encephalopathy is less with portal vein thrombosis.
- Lower Esophageal Sphincter Function After Highly Selective Vagotomy** 908
Jan P. C. M. Oomen, MD; Paul Wittebol, MD, PhD; Wil J. C. Geurts, MD, PhD;
Louis M. A. Akkermans, Dr, PhD, Utrecht, The Netherlands
There was no increase in reflux and sphincter pressure was unchanged.
- Physical Characteristics of Implanted Polytetrafluoroethylene Grafts: A Preliminary Report** 917
Richard F. Kempczinski, MD, Denver
PTFE grafts were resistant to external compression but kinked with flexion of the knee.
- Quantitative Transcutaneous Arterial Velocity Measurements With Doppler Flowmeters** 922
Perry M. Shoor, MD; Arnost Fronck, MD, PhD; Eugene F. Bernstein, MD, PhD, La Jolla, Calif
Present equipment provides satisfactory accuracy and simplicity to be useful in clinical evaluation.
- Doxycycline in the Prevention of Hepatic Dysfunction: An Evaluation of Its Use Following Jejunioileal Bypass in Humans** 931
Richard L. Yost, PharmD; Margaret C. Duerson, BSN, Gainesville, Fla; Wayne L. Russell, PharmD, St Louis;
J. Patrick O'Leary, MD, Gainesville, Fla
This drug, given for six weeks, did not prevent hepatic dysfunction.
- Long-term Results of Esophagomyotomy for Achalasia of Esophagus** 935
F. M. Jara, MD; L. H. Toledo-Pereyra, MD; J. W. Lewis, MD; D. J. Magilligan, Jr, MD, Detroit
The incidence of reflux after myotomy was high and increased over the years indicating the need for an antireflux procedure.
- Is There Postdefecation Bacteremia?** 937
Sumner Slavin, MD, Robert M. Goldwyn, MD, Boston
Bacteremia after defecation either does not occur or is a rare event.

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All grafts were occluded within 48 hours.
- A Comparison of Rapid-Healing Prosthetic Arterial Grafts and Autogenous Veins** 944
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- Lower Extremity Arterial Insufficiency After Long-term Methysergide Maleate Therapy: Its Evaluation With Doppler Ultrasonic Velocity Detector** 964
James Apesos, MD, Roland Folse, MD, Springfield, Ill
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