

**PAPERS READ BEFORE THE 67TH ANNUAL MEETING OF THE NEW ENGLAND
SURGICAL SOCIETY, DIXVILLE NOTCH, NH, SEPTEMBER 26-28, 1986**

Surgical Disease in East Africa: Presidential Address	397
William V. McDermott, MD, Boston	
Hepatic Cryosurgery With Intraoperative Ultrasound Monitoring for Metastatic Colon Carcinoma	403
Thanjavur S. Ravikumar, MD; Robert Kane, MD; Blake Cady, MD; Roger L. Jenkins, MD; William McDermott, MD; Gary Onik, MD; Melvin Clouse, MD; Glenn Steele, Jr, MD, Boston	
The technical feasibility of cryoablation is established, but the results are difficult to determine from this study.	
Recognition and Clinical Implications of Mesenteric and Portal Vein Obstruction in Chronic Pancreatitis	410
Andrew L. Warshaw, MD; Gongliang Jin, MD; Leslie W. Ottinger, MD, Boston	
Narrowing and occlusion of the portal and superior mesenteric veins are not always due to pancreatic cancer.	
Pancreatoduodenectomy in the Management of Chronic Pancreatitis	416
Ricardo L. Rossi, MD, Burlington, Mass; Jan Rothschild, MD, Boston; John W. Braasch, MD; J. Lawrence Munson, MD; Stephen G. ReMine, MD, Burlington, Mass	
In most patients, pancreatoduodenectomy achieves long-term pain improvement and return to normal activities.	
Atresia of the Esophagus: New Trends in the Management of High-Risk Neonates	421
Donald W. Hight, MD; George McGowan, MD; Judith Smith, MD; Gerald Kent, MD; Frederick Alexander, MD, Farmington, Conn	
Delayed reconstruction of esophageal atresia may improve mortality in high-risk patients.	
The Treatment of Complicated Appendicitis in Children: What Is the Gold Standard?	424
James R. Elmore, MD; Albert W. Dibbins, MD; Michael R. Curci, MD, Portland, Me	
A low incidence of complications was achieved by use of triple antibiotics, saline irrigation, and delayed primary wound closure.	
Adult Human Vascular Endothelial Cell Attachment and Migration on Novel Bioabsorbable Polymers	428
Jonathan E. Hasson, MD; Deborah H. Wiebe, MS; William M. Abbott, MD, Boston	
Future vascular prostheses should be fabricated from materials that will support an endothelial lining.	
Neurologic Sequelae With Internal Carotid Artery Occlusion	432
Glenn M. LaMuraglia, MD; R. Clement Darling, MD; David C. Brewster, MD; William M. Abbott, MD, Boston	
Internal carotid artery occlusion was frequently associated with ischemic attacks or strokes but did not adversely affect the results of contralateral carotid endarterectomy.	

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Monoclonal Antibody-Mediated Modulation of Parathyroid Hormone Secretion by Dispersed Parathyroid Cells 436
 James T. Posillico, PhD; Richard E. Wilson, MD;
 Sri S. Srikanta, MD;
 George S. Eisenbarth, MD, PhD, Boston;
 Michèle Letarte, PhD, Elizabeth J. Quackenbush, PhD, Toronto;
 Vito Quaranta, MD, Shana Kajaji, PhD, La Jolla, Calif;
 Edward M. Brown, MD, Boston
 Abnormal calcium-related parathyroid hormone secretion may be due to a membrane defect.

Cystic Neoplasms of the Pancreas 443
 Stephen G. ReMine, MD; Daniel Frey, MD; Ricardo L. Rossi, MD; J. Lawrence Munson, MD;
 John W. Braasch, MD, Burlington, Mass
 Cystadenoma was more common than cystadenocarcinoma in these 26 patients.

Advances in Drug Therapy for Peptic Ulcer Disease 447
 Theodore N. Pappas, MD, Boston; Sean J. Mulvihill, MD, Los Angeles;
 Yositi Goto, PhD, Haile T. Debas, MD, Seattle
 Combined use of antisecretory drugs and those that promote mucosal defense may be most effective for ulcer disease.

**Quality Care and Cost-effectiveness:
 An Organized Approach to Problem Solving** 451
 Charles H. Nightingale, PhD; Judith Robotti, RN;
 Peter J. Deckers, MD; Philip D. Allmendinger, MD;
 Robert Lowe, MD; Henry B. C. Low, MD, Hartford, Conn
 Blood and blood product use was decreased in elective coronary artery bypass graft operations, which reduces costs.

Management of Recurrent Pelvic Tumors 457
 Peter N. Benotti, MD; Albert Bothe, Jr, MD; Robert C. Eyre, MD;
 Blake Cady, MD; William V. McDermott, MD; Glenn Steele, MD, Boston
 Complete resection was possible in 15 of 29 patients with regional tumor recurrence in the pelvis.

**Resection of Tumors in Irradiated Fields
 With Subsequent Immediate Reconstruction** 461
 Leonard B. Miller, MD; Glenn Steele, MD; Blake Cady, MD;
 Francis G. Wolfort, MD; Albert Bothe, Jr, MD, Boston
 Reconstructive flap procedures allowed resection of recurrent tumors in irradiated fields.

**Amino Acid Clearance in Cirrhosis:
 A Predictor of Postoperative Morbidity and Mortality** 468
 Richard H. Pearl, MD; George H. A. Clowes, Jr, MD;
 Silvano Bosari, MD; William V. McDermott, MD;
 James O. Menzoian, MD; Wendy Love, MD; Roger L. Jenkins, MD, Boston
 A "low central plasma exchange rate" in cirrhotic patients was associated with increased mortality after shunts or other operations.

**Clinical, Hemodynamic, and Anatomic Follow-up
 of Direct Venous Reconstruction** 474
 Thomas F. O'Donnell, Jr, MD; William C. Mackey, MD;
 Alexander D. Shepard, MD; Allan D. Callow, MD, Boston
 Venous reconstructions by sapheno-femoral bypass or axillary vein valve to popliteal vein transplant were patent and functional after two years.

Electrocoagulation for Intraoral Cancer 484
 Charles S. Whelan, MD, DSc(Hon), Worcester, Mass;
 David E. Marcello, Jr, DMD, MD,
 W. Bradford Patterson, MD, Boston;
 Peter J. Deckers, MD, Hartford, Conn
 The best candidates for this treatment are those with small, mobile, well-differentiated lesions.

Management of the Urinary Tract Involved by Recurrent Cancer 493
 Robert C. Eyre, MD; Peter N. Benotti, MD; Albert Bothe, MD;
 Blake Cady, MD; Glenn Steele, Jr, MD, Boston
 Relief of ureteral obstruction is said to provide palliation.

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