

SPECIAL ARTICLE

- Surgery in Haiti Revisited: An Opportunity for a General Surgeon** 997
Arthur E. Baue, MD, St Louis

ORIGINAL ARTICLES

- Use of the Long Tube in the Management of Patients With Small-Intestinal Obstruction due to Adhesions** 1001
Philip J. Wolfson, MD, Philadelphia; Joel J. Bauer, MD;
Irwin M. Gelernt, MD; Isidore Kreei, MD; Arthur H. Aufses, Jr, MD, New York
This series suggests there may be a middle ground between early exploration and long-tube decompression of intestinal obstruction.
- Multiple Primary Epidermoid Carcinomas of the Upper Aerodigestive Tract** 1007
Alan R. Shons, MD, PhD, Donald G. McQuarrie, MD, PhD, Minneapolis
New or multiple primaries developed in 13% of patients with epidermoid cancer of the head and neck.
- Natural History of Asymptomatic Carotid Plaque** 1010
John M. Johnson, MD; Michael M. Kennelly, MD; Darlene Decesare, RT, RVT;
Sandra Morgan, RT; Andrew Sparrow, RT, Phoenix
Noninvasive studies helped to differentiate calcified or dense plaques from soft plaques which have a greater tendency toward subintimal hemorrhage.
- New Concepts in Severe Presacral Hemorrhage During Proctectomy** 1013
Wang Qinyao, MD, Shi Weijin, MD, Shanghai; Zhao Youren, MD, Chongming County, China;
Zhou Wenqing, MD, Hongkou District, China; He Zhengrui, Shanghai
Damage to the sacral basivertebral vein rather than the presacral venous plexus can cause massive bleeding during abdominoperineal resection of the rectum.
- Renal Transplantation: A 20-Year Experience in a Veterans Administration Medical Center** 1021
George L. Ivey III, MD; Robert E. Richie, MD; Gary D. Niblack, PhD;
H. Keith Johnson, MD; Robert C. MacDonell, Jr, MD;
Wayne F. Green, PhD, Nashville, Tenn
One-year functional graft survival increased from 45% to 70% over the period of this report.

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Elemental Diet as Prophylaxis Against Radiation Injury: Histological and Ultrastructural Studies	1026
A. Hope McArdle, PhD; Carin Wittnich, DVM; Carolyn R. Freeman, MB, BS; William P. Duguid, MD, Montreal	
Feeding dogs an elemental diet apparently protects the intestine from acute radiation injury.	
Left Renal Vein Division in Abdominal Aortic Aneurysm Operations: Effect on Renal Function	1033
Raphael Adar, MD; Issam Rabbi, MD; Aryheh Bass, MD; Moshe Z. Papa, MD; Jacob Schneiderman, MD; Raphael Walden, MD, Tel Hashomer, Israel	
Left renal vein division, when needed, was a safe and useful adjunct to aneurysm operations.	
Muscle Prostaglandin Production in the Rat: Effect of Abdominal Sepsis and Different Amino Acid Formulations	1037
Herbert R. Freund, MD; Michael Muggia-Sullam, MD; Richard LaFrance, DPharm; Lois S. Gallon; Uno O. Barcelli, MD; Josef E. Fischer, MD, Cincinnati	
The effects of sepsis and branched chain amino acids on muscle synthesis and degradation seemed to be independent of prostaglandin production.	
Acute Upper Airway Obstruction in the Postburn Period	1042
J. Paul Waymack, MD; Edward Law, MD; Richard Park, MD; Bruce G. MacMillan, MD; J. Wesley Alexander, MD, Cincinnati	
Airway obstruction during induction of anesthesia required emergency release of burn wound contractures of the neck.	
Electric Activity and Motility in the Side-to-Side Isoperistaltic Ileal Reservoir	1045
Hideo Kawarasaki, MD; Toshio Fujiwara, MD; Eric W. Fonkalsrud, MD, Los Angeles	
Stool frequency was reduced as electrical activity of the muscle of the ileal reservoir returned to near normal in eight weeks.	
Assessment of Aortoiliac Disease Using Hemodynamic Measures	1050
Paul J. Breslau, MD; Paul J. G. Jörning, MD; Jacob M. Greep, MD, Maastricht, the Netherlands	
Intra-arterial pressure measurements were most sensitive in demonstrating hemodynamically significant aortoiliac disease.	
Pseudohyponatremia in Acute Hyperlipemic Pancreatitis: A Potential Pitfall in Therapy	1053
John M. Howard, MD, Jordan Reed, MD, Toledo	
Pseudohyponatremia results from displacement of water in serum by lipids, resulting in an error in sodium measurement by flame photometry.	
Emergency Intravenous Pyelography in the Trauma Patient: A Reexamination of the Indications	1056
John B. Fortune, MD, Albany, NY; Johan Brahme, MD; Michael Mulligan; Thomas L. Wachtel, MD, San Diego	
In most circumstances, a "one-shot" intravenous pyelogram is sufficient to exclude or evaluate renal injury.	
Effects of Gastrointestinal Hormones on Oddi's Sphincter and Duodenal Myoelectric Activity and Pancreatobiliary Pressure: Studies in the Opossum	1060
Julio C. U. Coelho, MD, PhD; Frank G. Moody, MD; Norbert Senninger, MD; Yong F. Li, MD, Houston	
Gastrointestinal hormones play a major role in regulating bile and pancreatic juice secretions into the duodenum by regulating sphincter of Oddi myoelectric activity.	
A Quality Control Analysis of Aminoglycoside Management	1069
Edward J. Quebbeman, MD, PhD; Timothy R. Franson, MD; Julianne E. Whipple, RPh; Jay Bubrick, RPh; John T. Kolesari, RPh; Robert Thomson, RPh; Robert K. Ausman, MD; Robert E. Condon, MD, Milwaukee	
Problems in the understanding and use of the principles of pharmacokinetics were identified.	

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CLINICAL NOTES

Further Evidence Supporting the Existence of the Celiac Artery Compression Syndrome 1072
 Robert M. Kernohan, FRCSEd; Aires A. B. Barros D'Sa, MD, FRCS;
 Brian Cranley, MD, FRCSEd; Hilary M. L. Johnston, FFARCS, Belfast
 Intraoperative blood flow in this patient increased after
 division of fibers of the median arcuate ligament.

**Anomalous Drainage of the Common Bile Duct Into the Fourth Portion
 of the Duodenum: Clinical Sequelae** 1077
 Jeff Doty, MD; Eric Hassall, MD; Eric W. Fonkalsrud, MD, Los Angeles
 Two children with this anomaly required a choledochoenteric
 anastomosis for relief of their abdominal pain.

**Esophageal Motor Dysfunction in an Adult With a Congenital
 Tracheoesophageal Fistula** 1082
 Steven R. Gundry, MD, Mark B. Orringer, MD, Ann Arbor, Mich
 Abnormal esophageal motor function seemed to be of
 congenital origin in this patient.

TECHNIQUE

**Combined Cadaveric Hepatic and Renal Organ Procurement in Infants:
 Technique for Salvage of All Organs** 1084
 Rodney J. Taylor, MD; J. Thomas Rosenthal, MD; Thomas R. Hakala, MD, Pittsburgh
 Combined liver and kidney transplant from pediatric donors
 with an anomalous origin of the right hepatic artery was
 successful in two cases.

REGULAR DEPARTMENTS

Correspondence and Brief Communications 1088
Wash Away a Bellyache Gerald Moss, MD, PhD, Troy, NY ... **Endarterectomy and Restenosis** Mary Paula Colgan, MB; Violet
 Kingston, SRN; Gregor Shanik, MD, MCh, FRCS, FRCSI, FACS, Dublin ... **Polytetrafluoroethylene Grafts for Leg Ischemia:**
Facts and Fiction C. Del Campo, MD, FRCS(C), Halifax, Nova Scotia; William J. Quiñones-Baldrich, MD, Wesley S. Moore, MD,
 Los Angeles

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 (Classen, Geenen, Kawai, eds) Reviewed by Ben Eiseman, MD, Denver ... **Gastrointestinal Endoscopy for Surgeons** (Pearl)
 Reviewed by Greg Van Stiegmann, MD, Denver ... **Mastery of Surgery** (Nyhus, Baker, eds) Reviewed by Charles Abernathy, MD,
 Denver ... **Vascular Surgery: Principles and Techniques** (Haimovici, ed) Reviewed by Robert G. Scribner, MD, San Mateo, Calif
 ... **Respiratory Intensive Care of the Adult Surgical Patient** (Bonner, Hall) Reviewed by Ben Eiseman, MD, Denver ... **Hepatic
 Radiography** (Bernardino, Sones), **Atlas of Hepatic Tumors and Focal Lesions: Arteriographic and Tomographic Diagnosis**
 (Gutierrez, Schwartz) Reviewed by Ben Eiseman, MD, Denver ... **Manual on Control of Infection in Surgical Patients**
 (Altemeier, Burke, Pruitt) Reviewed by Ben Eiseman, MD, Denver ... **Current Therapy in Otolaryngology: Head and Neck
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