

ORIGINAL ARTICLES

- Metabolic Abnormalities Associated With Postoperative Organ Failure: A Redox Theory** 1245
Kazue Ozawa, MD; Hidehisa Aoyama, MD; Kazuhiro Yasuda, MD;
Yasuyuki Shimahara, MD; Toshio Nakatani, MD; Junji Tanaka, MD;
Masayuki Yamamoto, MD; Yasuo Kamiyama, MD; Takayoshi Tobe, MD, Kyoto, Japan
A decreasing blood–ketone body ratio occurred in patients with postoperative organ failure.
- Preoperative Disseminated Intravascular Coagulation Associated With Aortic Aneurysms: A Prospective Study of 76 Cases** 1252
Daniel F. Fisher, Jr, MD; David H. Yawn, MD; E. Stanley Crawford, MD, Houston
Ecchymoses and petechiae should alert the surgeon to the possibility of disseminated intravascular coagulation preoperatively.
- Cardiovascular Monitoring During Elective Aortic Surgery** 1256
Gary G. Nicholas, MD; Donald E. Martin, MD; Mary D. Osbakken, PhD, MD, Hershey, Pa
Central venous pressure is an insensitive indicator of left ventricular filling pressure in most patients during elective aortic surgery.
- Moxalactam: Evaluation of Clinical Bleeding in Patients With Abdominal Infection** 1259
Raymond J. Joehl, MD; Dennis A. Rasbach, MD; James O. Ballard, MD;
Michael R. Weitekamp, MD; Fred R. Sattler, MD, Hershey, Pa
This broad-spectrum cephalosporin has been associated with hypoprothrombinemia, platelet dysfunction, and bleeding complications.
- Effects of Methylprednisolone on Resolution of Acid-Aspiration Pneumonitis** 1262
Stephen Gates, MD; Thomas Huang, MD; Frederick W. Cheney, MD, Seattle
Methylprednisolone administered after hydrochloric acid aspiration did not affect resolution of the injury.
- Surgery for Acute Carotid Occlusion: Therapy in Search of Predictability** 1266
Magruder C. Donaldson, MD, A. David Drezner, MD, Farmington, Conn
Three of six patients operated on for acute carotid occlusion had dramatic improvement.
- Typhoid Perforation of the Intestine** 1269
Jean-Marie Eustache, MD, Deschappelles, Haiti, David J. Kreis, Jr, MD, Miami
Most patients had a single, well-circumscribed perforation in the distal ileum that was treated with simple primary closure.
- Posttreatment Laparotomy for Hodgkin's Disease** 1272
Hugo V. Villar, MD; Stephen E. Jones, MD; Gary E. Goodman, MD; Thomas M. Grogan, MD;
Gerald D. Pond, MD; Stephen L. Wangenstein, MD, Tucson
Patients with normal clinical restaging had negative second laparotomies.
- Does Edematous Pancreatitis Exist in Biliary-Related Pancreatitis?: A Hemodynamic and Histologic Study of the Progression of Bile-Induced Pancreatitis** 1277
Alan D. Wells, FRCS; Shiro C. Imahori, MD; Worthington G. Schenk, Jr, MD, Buffalo
In this animal model, acute interstitial pancreatitis could not be produced.
- Combined Operative Angiodilation and Arterial Reconstruction for Limb Salvage** 1289
Christopher J. Corey, MD; Harry L. Bush, Jr, MD; Warren C. Widrich, MD; Donald C. Nabseth, MD, Boston
Iliac artery angiodilation was carried out, followed by distal arterial reconstruction.
- Effectiveness of Modified Steroid-Antibiotic Therapies for Lethal Sepsis in the Dog** 1293
Beverly K. Beller; Linda T. Archer, PhD; Richard B. Passey, PhD;
Dayl J. Flournoy, PhD; Lerner B. Hinshaw, PhD, Oklahoma City
Survival after a potentially lethal *Escherichia coli* infusion in animals was better with a continuous infusion of steroid and antibiotic.

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Abdominal Wound Closure With a Continuous Monofilament Polypropylene Suture: Experience With 1,000 Consecutive Cases	1305
Charles D. Knight, MD, F. Dean Griffen, MD, Shreveport, La	
The incidence of wound dehiscence and incisional hernia was low using this technique.	
Studies on Segmental Pancreatic Autotransplants in Dogs	1310
Rino Munda, MD; Yacov Berlatzky, MD; Majvi Jonung, MD; Richard F. Murphy, PhD; Kim Brackett, PhD; Stephen N. Joffe, MD; J. Wesley Alexander, MD, ScD, Cincinnati	
Continuous fibrosis was the greatest threat to islet survival.	
The Desmoid Tumor: IV. Choice of Treatment, Results, and Complications	1318
Jyrki J. Reitamo, MD, Helsinki	
A simple excision at the primary operation is the recommended treatment.	
Editorial comment by Jerome J. DeCosse, MD, New York	
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Surgically Induced Carotid Subclavian Steal Syndrome: Diagnosis by Video Dilution Technique	1325
Glenn Hunter, MD; Julio C. Palmaz, MD; Stanley N. Carson, MD, Martinez, Calif; Bo M. T. Lantz, MD, Sacramento, Calif	
Increased blood flow through a carotid subclavian bypass during exercise was documented by the video dilution technique.	
The Slipping Rib Syndrome	1330
Ernest K. Spence, MD, Ernest F. Rosato, MD, Camden, NJ	
Reproduction of symptoms by hooking the fingers under the affected rib margin and pulling up is diagnostic but does not exclude other causes.	
Editorial comment by Gardner W. Smith, MD, Baltimore	
Disruption of Aortic Arch Branches due to Nonpenetrating Chest Trauma	1333
Richard S. Faro, MD; David O. Monson, MD; Milton Weinberg, MD; Hushang Javid, MD, Chicago	
A variety of techniques are required, from simple oversewing of the subclavian to graft replacement of the innominate or carotid arteries.	
Traumatic Aneurysm of the Abdominal Aorta With Acute Thrombosis of Bilateral Iliac Arteries	1337
Junichi Matsubara, MD; Toshiyuki Seko, MD; Takashi Ohta, MD; Shigehiko Shionoya, MD; Ichiro Ban, MD, Nagoya, Japan	
Initial thrombectomy for acute aortoiliac occlusion was followed later by repair of the false aneurysm.	
Low-Dose Streptokinase in the Treatment of Celiac and Superior Mesenteric Artery Occlusion	1340
George Pillari, MD; William Doscher, MD; Joseph Fierstein, MD; William Ross, MD; Gary Loh, MD; Barry J. Berkowitz, MD, New Hyde Park, NY	
Infusion of streptokinase into both the occluded celiac axis and superior mesenteric artery resulted in restoration of effective bowel perfusion.	
Tension Pneumoperitoneum: A Cause of Acute Aortic Occlusion	1347
Andrew J. Olinde, MD; Don Carpenter, MD; James M. Maher, MD, Jackson, Miss	
A perforated ulcer produced a tension pneumoperitoneum and aortoiliac compression.	
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Dipankar Mukherjee, MD, Toshio Inahara, MD, Portland, Ore	
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