

## ORIGINAL ARTICLES

**Metabolic and Respiratory Effects of Continuous and Discontinuous Lipid Infusions:****Occurrence in Excess of Resting Energy Expenditure** ..... 1367

William C. Abbott, MD; Asta M. Grakauskas, PharmD; Bruce R. Bistrian, MD, PhD;  
Richard Rose, MD; George L. Blackburn, MD, PhD, Boston

A continuous rather than discontinuous infusion of lipid seemed preferable  
and was not deleterious when provided in excess of resting energy expenditure.

**A Proposed Classification of Intra-abdominal Infections: Stratification of****Etiology and Risk for Future Therapeutic Trials** ..... 1372

Jonathan L. Meakins, MD, Montreal; Joseph S. Solomkin, MD, Cincinnati;  
Maria D. Allo, MD, Denver; E. Patchen Dellinger, MD, Seattle;  
Richard J. Howard, MD, Gainesville, Fla; Richard L. Simmons, MD, Minneapolis

An anatomic and functional classification of patients with intra-abdominal  
infection should contribute to evaluation and comparison of methods of therapy.

**Improved Myocardial Recovery From Ischemia: Treatment With Low-Dose Adenosine****Triphosphate-Magnesium Chloride** ..... 1379

Paul F. McDonagh, PhD; Hillel Laks, MD; Irshad H. Chaudry, PhD;  
Arthur E. Baue, MD, New Haven, Conn

Excellent recovery of ventricular function was obtained by reperfusion with  
a low dose of adenosine triphosphate-magnesium chloride after ischemia.

**Late Ovarian Metastases in Carcinoma of the Colon and Rectum** ..... 1385

Monica Morrow, MD, Warren E. Enker, MD, New York

Bilateral oophorectomy is recommended at the time of colon cancer resection  
in all postmenopausal women and those with stage D tumors.

**Acute Cholecystitis as a Complication in Surgical Patients** ..... 1389

Richard M. Devine, MD; Michael B. Farnell, MD;  
Peter Mucha, Jr, MD, Rochester, Minn

This diagnosis is especially difficult to establish in patients who have  
had recent abdominal operations.

**Renal and Splanchnic Circulation During Infrarenal Aortic Cross-Clamping** ..... 1394

Simon Gelman, MD, PhD; Kirit Patel, MD; Sanford P. Bishop, DVM, PhD;  
Kathryn L. Fowler; Lloyd R. Smith, MA, Birmingham, Ala

Sodium nitroprusside may help modify peripheral renal and splanchnic  
circulatory disturbances during infrarenal aortic cross-clamping.

**Ambulatory Peritoneal Dialysis: Exploratory Laparotomy for Peritonitis** ..... 1400

James A. Schulak, MD; Michael J. Flanigan, MD; Dai D. Nghiem, MD;  
Robert J. Corry, MD, Iowa City

Fungal peritonitis is a life-threatening complication, but bacterial  
peritonitis may respond to antibiotics alone.

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**Carotid Artery Surgery in Diabetic Patients** ..... 1405  
David R. Campbell, MD; Carl S. Hoar, Jr, MD; Frank C. Wheelock, Jr, MD, Boston  
Carotid artery surgery was as effective in diabetic patients as in nondiabetic patients but there was an increased death rate from myocardial infarction in the diabetic patients.

**Evaluation of Naloxone for Therapy of *Escherichia coli* Shock: Species Differences** ..... 1410  
Lerner B. Hinshaw, PhD; Beverly K. Beller; Alvin C. K. Chang;  
Dayl J. Flournoy, PhD, Oklahoma City; Robert A. Lahti, PhD, Kalamazoo, Mich;  
Richard B. Passey, PhD, Linda T. Archer, PhD, Oklahoma City  
Naloxone-treated baboons with *Escherichia coli* shock all died, but dogs so treated had improved survival.

**CLINICAL NOTES**

**Simplification of Cryoprecipitate Coagulum Choledocholithotomy by Deletion of Thrombin: Prevention of Retained Biliary Duct Stones** ..... 1419  
Suhayl S. Kalash, MD; William A. Scovill, MD; J. Laurance Hill, MD;  
William O. Richards, MD, Baltimore  
Extraction of an intact coagulum containing more stones than seen on cholangiogram occurred in each of six cases.

**Femoro-Internal Carotid Artery Bypass for Cerebral Ischemia in Takayasu's Arteritis** ..... 1426  
Shogo Yamamoto, MD; Tatsuro Nozawa, MD; Hisatada Aoki, MD;  
Yoshinori Isobe, MD, Hiratsuka, Kanagawa, Japan  
Involvement of the entire thoracic aorta with arteritis necessitated this approach.

**Massive Hematuria Following Percutaneous Biopsy of Renal Allograft: Successful Control by Selective Embolization** ..... 1430  
Michael D. Horowitz, MD; Edward Russell, MD; Carolyn Abitbol, MD;  
George Kyriakides, MD; Joshua Miller, MD, Miami  
Hematuria is usually transient after percutaneous needle biopsy of an allografted kidney.

**Air Gun Injuries of the Abdomen in Children** ..... 1437  
Joel C. Morgan, MD; Charles S. Turner, MD;  
Timothy C. Pennell, MD, Winston-Salem, NC  
These weapons have the capability of producing penetrating abdominal injuries.

**REGULAR DEPARTMENTS**

**Books** ..... 1439  
**Soft and Hard Tissue Repair: Biological and Clinical Aspects** (Hunt, Heppenstall, Pines, et al, eds) Reviewed by Ben Eiseman, MD, Denver . . . **CO<sub>2</sub> Laser Surgery** (Kaplan, Giler) Reviewed by Greg Van Stiegman, MD, Denver

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