

EDITORIAL

- Surgical Critical Care** 991
Ward O. Griffen, Jr, MD, Philadelphia

ORIGINAL ARTICLES

- Pulmonary and Cardiovascular Consequences of Immediate Fixation or Conservative Management of Long-Bone Fractures** 992
Jeffrey Lozman, MD; D. Curtis Deno, MD; Paul J. Feustel, PhD; Jonathan C. Newell, PhD; Howard H. Stratton, PhD;
Neil Sedransk, PhD; Robert Dutton, MD; John B. Fortune, MD; Dhiraj M. Shah, MD, FACS, Albany, NY
Patients receiving immediate fracture fixation had less pulmonary dysfunction.
Invited Editorial Comment by John R. Border, MD, Buffalo
- Depression of Cellular Immunity After Major Injury: Its Association With Posttraumatic Complications and Its Reversal With Immunomodulation** 1000
Eugen Faist, MD, Munich; Thomas S. Kupper, MD; Christopher C. Baker, MD; Irshaud H. Chaudry, PhD, New Haven, Conn;
John Dwyer, MD, PhD, Rendwick, New South Wales, Australia; Arthur E. Baue, MD, New Haven, Conn
Major injury led to depression of lymphocyte response to mitogens which correlated with subsequent septic complications.
- Total Cholecystectomy Utilization by Diagnosis Related Group** 1006
Ronald J. Lagoe, PhD, Duane M. Cady, MD, Syracuse, NY
Hospital stays for uncomplicated cholecystectomy are decreasing and are now less than five days in Sacramento, Calif.
- An 11-Year Experience With Deep Leg Veins as Femoropopliteal Bypass Grafts** 1010
Martin L. Schulman, MD, Mohan Rao Badhey, MD, Stony Brook, NY; Ruben Yatco, MD, Little Neck, NY;
George Pillari, MD, Stony Brook, NY
The results using deep leg veins were as good as with saphenous veins and complications were minimal.
- Axillofemoral Bypass: Expectations and Results** 1016
Ronald A. Savrin, MD; George T. Record, MD; Donald E. McDowell, MD, Morgantown, WVa
In these high-risk patients, graft patency exceeded patient survival.
- Duodenoplasty and Proximal Gastric Vagotomy in Peptic Stenosis: Experience With 43 Cases** 1021
Fernando Luiz Barroso, MD; Aridio Ornellas-Filho, MD; Carlos José Saboya, MD; Roberto Frota-Pessoa, MD;
Armando Oliveira, MD; Otávio Pires Vaz, MD; José B. Galvão, MD, Rio de Janeiro
A transverse duodenorrhaphy or Finney's duodenoplasty was performed with proximal gastric vagotomy for duodenal stenosis due to ulcer disease.
- Association of Burn Mortality and Bacteremia: A 25-Year Review** 1027
Arthur D. Mason, Jr, MD; Albert T. McManus, PhD; Basil A. Pruitt, Jr, MD, Fort Sam Houston, Tex
There was increased mortality in patients with gram-negative but not with gram-positive bacteremia.

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- The Kinetics of Peritoneal Clearance of *Escherichia coli* and *Bacteroides fragilis* and Participating Defense Mechanisms** 1033
Tommy Skau, MD, PhD; Per-Olof Nyström, MD, PhD; Lena Öhman, MD, PhD; Olle Stendahl, MD, PhD, Linköping, Sweden
After six hours of clearance of organisms, residual bacteria were not eliminated.
Editorial Comment by David L. Dunn, MD, PhD, Richard L. Simmons, MD, Minneapolis
- Postoperative Enteral vs Parenteral Nutrition: A Randomized Controlled Trial** 1040
Robert H. Bower, MD; Mark A. Talamini, MD; Harry C. Sax, MD; Frederick Hamilton; Josef E. Fischer, MD, Cincinnati
Enteral nutrition provided comparable nutrition support at less cost than parenteral nutrition.
- A Study of Valve Incompetence That Developed in an Experimental Model of Venous Hypertension** 1048
S. Paul van Bemmelen, MD, PhD, FICA, Arthur A. Hoyneck van Papendrecht, MD, PhD, Rotterdam, the Netherlands;
Kees C. Hodde, MD, PhD, P. J. Klopper, MD, PhD, Amsterdam
Valve incompetence began with elongation of cusps followed by separation along the entire free border.
- Acute Appendicitis in Women of Childbearing Age** 1053
Karim B. Nakhgevany, MD, Leon E. Clarke, MD, Philadelphia
To decrease the incidence of negative appendectomies and in-hospital observation, repeated examinations are recommended.
- Pulmonary Infections: The Minnesota Randomized Prospective Trial of Cyclosporine vs Azathioprine—Antilymphocyte Globulin for Immunosuppression in Renal Allograft Recipients** 1056
Uwe J. Hesse; David S. Fryd, PhD; Satya N. Chatterjee, MD; Richard L. Simmons, MD; David E. R. Sutherland, MD, PhD;
John S. Najarian, MD, Minneapolis
Nondiabetics, females, and recipients of grafts from living related donors had a lower risk of pneumonia with cyclosporine.

CLINICAL NOTES

- Changing Patterns in the Vascular Form of Ehlers-Danlos Syndrome** 1061
Philippe Gertsch, MD; Pierre-William Loup, MD; Alexandra Lochman, MD; Prosper Anani, MD, Lausanne, Switzerland
Multiple aneurysms characterize one form of this disorder of connective tissue.
- Congenital Microarteriovenous Shunts: Angiographic and Doppler Ultrasonographic Identification** 1065
Henry Haimovici, MD, Seymour Sprayregen, MD, Bronx, NY
Multiple arteriovenous shunts were demonstrated by Doppler scanning in these patients with vascular malformations.
- Papillary Cystic Epithelial Neoplasms of the Pancreas: A Clinical Study of Four Cases** 1073
Rudolph B. Rustin, MD; Thomas A. Broughan, MD; Robert E. Hermann, MD;
Sharon F. Grundfest-Broniatowski, MD; Robert E. Petras, MD; William R. Hart, MD, Cleveland
This neoplasm typically occurs in young females as a slowly growing mass.
- Anastomotic Recurrence of Adenocarcinoma of the Colon** 1077
Jaroslav P. Stulc, MD; Nicholas J. Petrelli, MD; Lemuel Herrera, MD; Arnold Mittelman, MD, Buffalo
All recurrences developed within 27 months of the original resection, and, in a few, the anastomosis was the only site of recurrence.

TECHNIQUES

- A Strategy for Intestinal Obstruction of Peritoneal Carcinomatosis** 1081
Jack D. McCarthy, MD, Albuquerque
Venting the small intestine with a Baker tube allowed some patients to eat and drink without repetitive vomiting.
- Oophorectomy and the Management of Hodgkin's Disease: A Reevaluation of the Risks and Benefits** 1083
Don A. Gabriel, MD, PhD; Stephen A. Bernard, MD, Chapel Hill, Miss;
Jake Lambert, MD, Jackson, Miss; Robert D. Croom III, MD, Chapel Hill, Miss
Patients without evidence of pelvic disease and negative nodes need not undergo ovarian translocation.
Invited Editorial Comment by Sherwin B. Nuland, MD, New Haven, Conn

SPECIAL ARTICLE

- Surgical Oncology in University Departments of Surgery in the United States** 1088
Walter Lawrence, Jr, MD, Richmond, Va; Richard E. Wilson, MD, Boston; William W. Shingleton, MD, Durham, NC;
William E. Keefe, PhD, S. James Kilpatrick, PhD, Richmond, Va
There are divisions of surgical oncology in 47 of 124 university departments of surgery with operative therapy and education being major responsibilities.

REGULAR DEPARTMENTS

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CORRECTION

- Pancreatic Cancer: Adjuvant Combined Radiation and Chemotherapy Following Curative Resection** 1045
Gastrointestinal Tumor Study Group, Potomac, Md
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