

EDITORIAL

- MEDIS: A New Strategic Option for Acquiring Medical Information—Electronically** 1113
Daniel K. Harris, MBA, Chicago

**PAPERS READ BEFORE THE ANNUAL MEETING OF THE SOUTHERN CALIFORNIA CHAPTER
OF THE AMERICAN COLLEGE OF SURGEONS, PALM SPRINGS, CALIF, JAN 17-19, 1986**

- Changes in the Treatment of Rectal Carcinoma and Effects on Local Recurrence** 1114
Mark W. Odou, MD, Theodore X. O'Connell, MD, Los Angeles
Local recurrence after low anterior resection has decreased in recent years.

- The Surgeon's Role in Treating Acquired Immunodeficiency Syndrome** 1117
Philip Nugent, MD, Theodore X. O'Connell, MD, Los Angeles
In the treatment of AIDS, the surgeon has shifted from a diagnostic to a supportive role.

- Description of a Continent Jejunum Gastrostomy** 1121
Kenneth Waxman, MD; Leslie Edrich, MD; Kelly O'Neal, MD; Paula Formosa, MD;
Gianna Stellin, MD; I. James Sarfeh, MD; G. Robert Mason, MD, Orange, Calif
This technique interposes a vascularized jejunal conduit with an
intussuscepted valve between the stomach and abdominal wall.

- A Comparison of Staging Methods for Hodgkin's Disease in Children** 1125
Kevin P. Lally, MD; Michael Arnstein; Stuart Siegel, MD; John H. Miller, MD; Vicente Gilsanz, MD;
Lawrence Ettinger, MD; James B. Atkinson, MD, Los Angeles
Because of inaccuracy of noninvasive studies, staging laparotomy
is recommended in all children without stage IV disease.
Invited Editorial Comment by Jessie L. Ternberg, MD, St Louis

- Totally Autogenous Venovenous Composite Bypass Grafts: Salvage of the Almost Irretrievable Extremity** 1128
Robert W. Harris, MD; George Andros, MD; Sergio X. Salles-Cunha, PhD; Leopoldo B. Dulawa, MD;
Robert W. Oblath, MD; Roseanne L. Apyan, RN, Burbank, Calif
Combinations and composites of greater and lesser saphenous and cephalic and
basilic veins were used to provide an 82% limb salvage rate at one year.

- Comparison of Laser-Welded and Sutured Arteriotomies** 1133
Rodney A. White, MD; George Kopchok; Carlos Donayre, MD; R. Patrick Aberget, MD; Richard Lyons, MD;
Stanley R. Klein, MD; Richard M. Dwyer, MD; Jouni Uitto, MD, Los Angeles
Laser-welded arteriotomies had less inflammatory reaction than sutured closures.

- Suture Technique in Preventing Dehiscence of Prosthetic Mitral Valves** 1136
Geoffrey M. Stiles, MD; Jules A. Kernan, MD; Quentin R. Stiles, MD, Los Angeles
The posterior leaflet has less holding strength for sutures, and no specific suture technique is better.

- The Anterior Scalene Muscle in Thoracic Outlet Compression Syndrome:
Histochemical and Morphometric Studies** 1141
Herbert I. Machleder, MD; Franz Moll, MD; M. Anthony Verity, MD, Los Angeles
The anterior scalene muscles in patients with the thoracic
outlet syndrome have histologic evidence of increased tone.

ORIGINAL ARTICLES

- General Surgical Operations in the United States: 1979 to 1984** 1145
Ira M. Rutkow, MD, MPH, DrPH, Freehold, NJ
The belief that expanding numbers of general surgeons will increase numbers
of general surgical operations was not supported by this study.
Editorial Comment by Francis D. Moore, MD, Boston

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Aortic Reconstruction for Occlusive Disease: Comparable Results in Diabetics	1150
Frederick F. Bartlett, MD; Gary W. Gibbons, MD; Frank C. Wheelock, Jr, MD, Boston	
Graft patency was comparable in diabetics.	
The Effect of Indomethacin on Muscle and Liver Protein Synthesis and on Whole-Body Protein Degradation During Abdominal Sepsis in the Rat	1154
Herbert R. Freund, MD; J. Howard James; Richard LaFrance, PharmD; Lois S. Gallon; Uno O. Barcelli, MD;	
Laura L. Edwards; Stephen N. Joffe, MD; H. Stephen Bjornson, MD, PhD; Josef E. Fischer, MD, Cincinnati	
Although indomethacin reduced total-body protein breakdown,	
it was also associated with decreased protein synthesis.	
Discharge Within 24 Hours of Elective Cholecystectomy: The First 100 Patients	1159
Gerald Moss, MD, PhD, Troy, NY	
No complication developed, was aggravated, or went unrecognized because of early discharge.	
Editorial Comment by David L. Nahrwold, MD, Chicago	
Caustic Sclerosing Cholangitis: A Complication of the Surgical Treatment of Hydatid Disease of the Liver	1162
Jacques Belghiti, MD, Jean-Pierre Benhamou, MD, Clichy, France;	
Sydney Houry, MD, Paris; Philippe Grenier, MD, Clichy, France;	
Michel Huguier, MD, Paris; François Fékété, MD, Clichy, France	
Injection of caustic solution into hydatid cysts was associated with sclerosing cholangitis in these patients.	
Editorial Comment by John L. Cameron, MD, Baltimore	
Aortic Reconstruction vs Extra-anatomic Bypass and Angioplasty: Thoughts on Evolving a Protocol for Selection	1166
T. J. Bunt, MD, Columbia, SC	
Restricting aortic reconstruction to better-risk patients decreased mortality and morbidity.	
Effect of Heparin and Heparin Fractions on Experimental Abscess Formation	1173
Richard A. Prinz, MD, Hiles, Ill; Zena Shuber, Jawed Fareed, PhD, Maywood, Ill;	
Thomas Bird, PhD, Hines, Ill; Leslye Sandberg, Maywood, Ill	
Heparin and its fractions reduced the size, but not the number of abscesses.	
Gastrointestinal Complications After Cardiac Surgery	1178
Richard E. Welling, MD; Ranjit Rath, MD; John E. Albers, MD; Richard S. Glaser, MD, Cincinnati	
Complications seemed to be due to a low-flow state initiating	
ischemic damage with acute inflammation or perforation.	
The Clinical Aspect of Retained Gastric Antrum	1181
Chen-Hsen Lee, MD; Fang-Ku P'eng, MD; Wing-Yiu Lui, MD, Taipei, Taiwan, Republic of China	
Removal of the retained gastric antrum remains the best treatment of anastomotic ulcers in such patients.	
Invited Editorial Comment by E. R. Woodward, MD, Gainesville, Fla	
Perianal Fistulas in Patients With Crohn's Disease	1187
Loes M. van Dongen, MD, Evert-Jan C Lubbers, MD, Nimegen, the Netherlands	
Local operative treatment of the fistula was successful in many patients.	
Editorial Comment by Hastings K. Wright, MD, New Haven, Conn	
Intravenous Hydrochloric Acid in Patients With Metabolic Alkalosis and Hypercapnia	1195
L. I. G. Worthley, MBBS, FRACP, FFARACS, South Australia	
A reduction in pH was associated with improved alveolar ventilation,	
except in patients with chronic respiratory failure.	
Macrophage-Mediated Modulation of Hepatocyte Protein Synthesis: Effect of Dexamethasone	1199
Gary A. Keller, MD; Michael A. West, MD; Frank B. Cerra, MD; Richard L. Simmons, MD, Minneapolis	
A mechanism for the hepatic failure of sepsis is sought in this experimental model.	

CLINICAL NOTES

Fatal Pulmonary Bile Embolism Following Acute Acalculous Cholecystitis	1206
Alan D. Proia, MD; Bernard F. Fetter, MD; Brett H. Woodard, MD;	
Delford L. Stickel, MD; William C. Meyers, MD, Durham, NC	
While the liver was being manipulated during operation,	
pulmonary artery pressure rose and cardiac arrest occurred.	
Traumatic Mesenteric Arteriovenous Fistula Presenting as the Superior Mesenteric Artery Syndrome	1209
Jordan K. Reed, MD; Robert F. McGiin, MD; James F. Gorman, MD; Neil R. Thomford, MD, Toledo, Ohio	
Bilious vomiting and obstruction of the third portion of the	
duodenum were produced by false aneurysm and fistula.	

REGULAR DEPARTMENTS

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