

ARCHIVES OF SURGERY

AUGUST 2005 VOLUME 140, NUMBER 8 PAGES 713-816

COMMENTARY

**Department of Surgery,
University of Wisconsin–Madison** 717
Layton F. Rikkers, MD

PRESIDENTIAL ADDRESS

**The Academic Department of Surgery:
Between Scylla and Charybdis** 719
Samuel Eric Wilson, MD

PAPERS

**The Evolving Role of Staging Laparoscopy
in the Treatment of Colorectal
Hepatic Metastasis** 727
*Klaus Thaler, MD; Shalini Kanneganti, MD;
Yashohdan Khajanchee, MD; Charlyn Wilson, RN;
Lee Swanstrom, MD; Paul D. Hansen, MD*

**Improved Human Pancreatic Islet Isolation
for a Prospective Cohort Study of Islet
Transplantation vs Best Medical Therapy
in Type 1 Diabetes Mellitus** 735
*Garth L. Warnock, MD; R. Mark Meloche, MD;
David Thompson, MD; R. Jean Shapiro, MD;
Michelle Fung, MD; Ziliang Ao, MD; Stephen Ho, MD;
Zehua He, MD; Long-Jun Dai, MD; Linnea Young, BSN;
Lorraine Blackburn, BSN; Sharon Kozak, BSN;
Peter T. W. Kim, MD; David Al-Adra, BSc;
James D. Johnson, PhD; Yu-Huan Theresa Liao, BSc;
Tom Elliott, MD; C. Bruce Verchere, PhD*

**Use of Serum Bicarbonate Measurement
in Place of Arterial Base Deficit
in the Surgical Intensive Care Unit** 745
*Matthew J. Martin, MD;
Elizabeth FitzSullivan, BS; Ali Salim, MD;
Thomas V. Berne, MD; Shirin Towfigh, MD*

**Preoperative Oral Antibiotics
in Colorectal Surgery Increase the Rate
of *Clostridium difficile* Colitis** 752
*Sherry M. Wren, MD, FACS;
Natasha Ahmed, MD; Ayesha Jamal, MD;
Bassem Y. Safadi, MD, FACS*

**Patient Sex and Success of Peripheral
Percutaneous Transluminal Arterial Angioplasty** 757
*Alan Abando, MD; Gabriel Akopian, MD;
Steven G. Katz, MD*

**Magnetic Resonance Imaging Is Not Needed
to Clear Cervical Spines in Blunt Trauma
Patients With Normal Computed Tomographic
Results and No Motor Deficits** 762
*Rob Schuster, MD; Kenneth Waxman, MD;
Barry Sanchez, MD; Salvador Becerra;
Richard Chung, MD; Scott Conner, MD;
Thomas Jones, MD*

**Hemodynamically “Stable” Patients With
Peritonitis After Penetrating Abdominal Trauma:
Identifying Those Who Are Bleeding** 767
*Carlos V. R. Brown, MD;
George C. Velmahos, MD, PhD; Angela L. Neville, MD;
Peter Rhee, MD, MPH; Ali Salim, MD;
Burapat Sangthong, MD;
Demetrios Demetriades, MD, PhD*

**Glycolide Copolymer Staple-Line
Reinforcement Reduces Staple Site Bleeding
During Laparoscopic Gastric Bypass:
A Prospective Randomized Trial** 773
*Ninh T. Nguyen, MD; Mario Longoria, MD;
Susan Welbourne, BSN; Allen Sabio, BS;
Samuel E. Wilson, MD*

Totally Robotic Roux-en-Y Gastric Bypass 779
*Catherine J. Mohr, MSME; Geoffrey S. Nadzam, MD;
Myriam J. Curet, MD*

**Breast Conserving Surgery and Accelerated Partial
Breast Irradiation Using the MammoSite System:
Initial Clinical Experience** 787
*L. Andrew DiFronzo, MD; Peter I. Tsai, MD;
Julie M. Hwang, MD; John J. Lee, MD;
Monica C. Ryoo, MD; Javad Rahimian, PhD;
Michael Tome, MD; Jan K. Takasugi, MD;
Philip I. Haigh, MD, MSc*

POSTER SESSION

**Surgery in Developing Countries:
Essential Training in Residency** 795
*Doruk Ozgediz, MD, MSc;
Kayvan Roayaie, MD, PhD; Haile Debas, MD;
William Schecter, MD; Diana Farmer, MD*

ARCHIVES OF SURGERY

REVIEW ARTICLE

- Role of Thromboxane in Producing Hepatic Injury During Hepatic Stress** 801
Yukihiro Yokoyama, MD, PhD; Yuji Nimura, MD; Masato Nagino, MD; Kirby I. Bland, MD; Irshad H. Chaudry, PhD

SPECIAL FEATURE

- Image of the Month** 809
Justin Parekh, BS; Brendan C. Visser, MD; Stanley P. L. Leong, MD

CORRESPONDENCE AND BRIEF COMMUNICATIONS

- Anatomic Resection of Left Liver Segments** 811
Giacomo Batignani, MD
- In Reply** 811
Marcel Autran C. Machado, MD; Paulo Herman, MD; Marcel C. C. Machado, MD

- Randomized Trial of Fixation vs Nonfixation of Mesh in Total Extraperitoneal Inguinal Hernioplasty** 811
Bengt Novik, MD

- In Reply** 812
Alfredo Moreno-Egea, MD

REGULAR DEPARTMENTS

- Online CME Article** 735
- Classified Advertising** 813
- Journal Advertiser Index** 815
- Contact Information** 816

Instructions for authors are available on our Web site: <http://www.archsurg.com>. If you do not have access to the Web, contact *Archives of Surgery* at (443) 287-0026.