

THE MIDWEST SURGICAL ASSOCIATION

279 Presidential Address: Legacy and Leadership: A Surgeon's Perspective

Jerry M. Hardacre II

This address reflects on the legacy of the author and how that relates to leadership and the development of leadership qualities. The author uses his experiences as chairman of the department of surgery in a community hospital as a guide toward developing strategies to be a successful leader.

284 William H. Harridge Memorial Lecture: "Progress and its Unintended Consequences"

Jay L. Grosfeld

Clinical and technological advances have resulted in improved survival for premature infants and children with cancer. Survival has been accompanied by a number of unintended adverse consequences. Modifications in patient care and long-term follow-up are important to further improve survival, minimize morbidity, and ensure good quality of life.

289 Single-Incision Laparoscopic Cholecystectomy (SILC): A Refined Technique

Abdelkader Hawasli, Ahmed Kandeel, and Ahmed Meguid

This is the largest series so far on single-incision laparoscopic cholecystectomy, showing the safety of this technique with a step-by-step explanation.

294 The Utility of Preoperative Serum Thyroid-Stimulating Hormone Level for Predicting Malignant Nodular Thyroid Disease

Judy Jin, Rhoderick Machezano, and Christopher R. McHenry

The preoperative serum thyroid-stimulating hormone (TSH) level was a significant risk factor for predicting malignancy in patients with nodular thyroid disease. Serum TSH may be useful in predicting the probability of cancer and optimizing the extent of thyroidectomy in patients with nodular thyroid disease.

299 Association of Surgical Care Practices With Length of Stay and Use of Clinical Protocols After Elective Bowel Resection: Results of a National Survey

Cónor P. Delaney, Anthony J. Senagore, Todd M. Gerkin, Timothy L. Beard, Wendy M. Zingaro, Kenneth J. Tomaszewski, Laura K. Walton, and Sara A. Poston

A web-based study was conducted among 207 general and 200 colorectal surgeons to assess the current state of perioperative care for elective BRs and the

effect of pathway elements on length of stay (LOS). Few (30%) surgeons practice in a hospital with an elective BR perioperative pathway that includes components to accelerate GI recovery, however, most reported they would follow nationally-endorsed guidelines regarding perioperative management for elective BR. Laparoscopic technique, early mobilization, early liquids, and antiemetics used to prevent symptoms associated with prolonged POI were associated with decreased LOS.

305 Does Donor Race Still Make a Difference in Deceased-Donor African-American Renal Allograft Recipients?

Kristian L. Brown, Mona D. Doshi, Atul Singh, Kalyani Mehta, Katherina Morawski, Elizabeth Cincotta, Miguel S. West, and Scott A. Gruber

This study demonstrates that African-American deceased-donor renal allograft recipients have equivalent patient survival but decreased graft survival when transplanted with an African-American versus Caucasian kidney using current immunosuppression. This decreased graft survival may be the result of increased acute rejection, CMV infection, and recurrence or de novo development of focal segmental glomerulosclerosis.

310 The Burden of Incisional Hernia in Necrotizing Pancreatitis: How Can We Improve?

Hayder H. Al-Azzawi, Heidi Kuhlenschmidt, Thomas J. Howard, Angela M. Bermes, Sarah N. Bishop, Attila Nakeeb, Don J. Selzer, Keith D. Lillemoe, and Nicholas J. Zyromski

Incisional hernia is startlingly common (42%) in necrotizing pancreatitis patients requiring pancreatic debridement. Incisional hernia patients were older; however, all clinical and surgical technique risk factors for incisional hernia development were the same between the incisional and no-incisional hernia groups.

315 Xanthohumol Inhibits the Neuroendocrine Transcription Factor Achaete-Scute Complex-Like 1, Suppresses Proliferation, and Induces Phosphorylated ERK1/2 in Medullary Thyroid Cancer

Mackenzie R. Cook, Jie Luo, Mary Ndiaye, Herbert Chen, and Muthusamy Kunnimalaiyaan

Xanthohumol, a natural compound derived from hops, is capable of inducing the activity of a key neuroendocrine tumor suppressing pathway, Raf-1, in medullary thyroid cancer (MTC) cells. This activation is associated with reduction in growth and achaete-scute complex-like 1 (ASCL1), a neuroendocrine tumor marker. Xanthohumol thus warrants



further preclinical investigation as a potential therapy for MTC.

319 The Rate of Imaging-Histologic Discordance of Benign Breast Disease: A Multidisciplinary Approach to the Management of Discordance at a Large University-Based Hospital

Jennifer E. Mihalik, Lisa Krupka, Roxanne Davenport, Lee Tucker, Christine Toevs, and R. Stephen Smith

Benign breast disease (BBD) incorporates lesions that present as palpable masses, nonpalpable findings on imaging, or histologic findings from tissue samples. BBD encompasses a broad spectrum of tissue histology but is classified as nonproliferative, proliferative without atypia, or atypical hyperplasia. Each diagnosis carries a different relative risk for subsequent development of breast cancer with possible need for surgical intervention.

324 Diagnostic, Surgical Judgment, and Systems Issues Leading to Reoperation: Mining Administrative Databases

Meghan M. Dierks, Zhen S. Huang, Jeffrey J. Siracuse, Simona Tolchin, and Donald W. Moorman

Underreporting of surgical adverse events limits the ability to identify quality and safety issues. Automated screening of a clinical information system for adverse events requiring reoperation revealed significant underreporting, with additional bias in reporting based on underlying causality.

331 Necessity for Improvement in Endoscopy Training During Surgical Residency

Gokulakrishna Subhas, Aditya Gupta, and Vijay K. Mittal

A survey of general surgery programs was done looking into their endoscopic training patterns, facilities, and residents' performance. Future endoscopy training for surgical residents needs to be improved to comply with the new requirements.

336 What Ring Tone Should Be Used for Patient Safety? Early Results With a Blackberry-Based Telementoring Safety Solution

Alton Parker, Ilan Rubinfeld, Ogochukwu Azuh, Dionne Blyden, Anthony Falvo, Mathilda Horst, Vic Velanovich, and Pat Patton

A low-cost Blackberry-based telementoring solution is built and tested with ubiquitous existing technology to improve patient safety.

342 Endoscopic Versus Open Component Separation in Complex Abdominal Wall Reconstruction

Karem C. Harth and Michael J. Rosen

Open components separation is the classic way to perform abdominal wall reconstruction. Endoscopic approaches have been described to access the lateral abdominal wall musculature in a less-invasive manner with the aim of reducing wound morbidity. We compared long-term outcomes for open and endoscopic components separation and show equivalent rates of hernia recurrence with clinically relevant

improvements in hospital length of stay and major wound morbidity.

348 Follow-Up Disparities After Trauma: A Real Problem for Outcomes Research

William H. Leukhardt, Joseph F. Golob, Andy M. McCoy, Adam M.A. Fadlalla, Mark A. Malangoni, and Jeffrey A. Claridge

Nearly 15,000 trauma patients over 6 years were evaluated using geographic information science techniques, which showed that there are several neighborhood-related and cultural factors that result in disparities in patient follow-up after traumatic injury. Furthermore, current documentation practices within the electronic medical record are not adequate for meaningful outcomes research.

354 Ultrastaging of Sentinel Lymph Nodes (SLNs) vs. Non-SLNs in Colorectal Cancer—Do We Need Both?

David Wiese, Saad Sirop, Brian Yestrepky, Maher Ghanem, Nader Bassily, Peter Ng, Weimin Liu, Ernesto Quiachon, Aamir Ahsan, Julio Badin, and Sukamal Saha

Sentinel lymph node (SLN) mapping in colorectal cancer upstages a significant number of patients because of the detection of micrometastasis after focused analysis (ultrastaging) of the SLNs. Ultrastaging of all initially negative non-SLNs adds little benefit (1%) to the process of proper staging in colorectal cancer.

359 Early Enteral Nutrition Can Be Successfully Implemented in Trauma Patients With an "Open Abdomen"

Matthew C. Byrnes, Patty Reicks, and Eric Irwin

Enteral nutrition can be safely administered to patients with open abdomens. This nutrition appears to be well tolerated and does not impair the ability to ultimately close the fascia.

364 Health-Related Information Gathering Practices in Breast and Colorectal Specialty Clinics: The End of the Electronic Divide?

E. Dawn Wietfeldt, Imran Hassan, Angela Johnson, Catherine Veeder, Maggie Boehler, Gary L. Dunnington, and Jan Rakinic

This study examined how patients obtained health-related information with an emphasis on the use of the Internet. It has shown that socioeconomic factors no longer have a significant impact on Internet use among patients.

369 The Evaluation of Morbidity and Mortality in Abdominal Aortic Aneurysm Repair Patients as Related to Body Mass Index

Nicole A. Kennedy, Lisa M. Flynn, Richard M. Berg, David R. Lorelli, Kumara Rama, and Youssif Rizk

This study evaluates the relationship between body mass index and other comorbidities on the overall morbidity and mortality of abdominal aortic aneurysm repair.

372 Pancreaticoduodenectomies in Patients Without Periapillary Neoplasms: Lesions That Masquerade As Cancer

Michael G. Hurtuk, Margo Shoup, Kiyoko Oshima, Sherri Yong, and Gerard V. Aranha

This study examined the incidence of pancreaticoduodenectomies performed with high preoperative suspicion of malignancy that were found to contain no malignancy on the final pathologic review. This study also characterized diseases that may preoperatively mimic periapillary malignancy; the most common of which in this institution was chronic pancreatitis.

377 Protective Effect of Methylprednisolone on Warm Ischemia-Reperfusion Injury in a Cholestatic Rat Liver

Gokulakrishna Subhas, Aditya Gupta, Daniel Bakston, Boris Silberberg, Cathy Loboeki, Lee Andrus, Melissa Decker, Vijay K. Mittal, and Michael J. Jacobs

Ischemia-reperfusion injury in a cholestatic liver is effectively decreased after methylprednisolone pretreatment, making this a possible option for liver resections in the presence of cholestasis.

382 Gastrogastric Fistula Following Roux-en-Y Bypass Is Attributed to Both Surgical Technique and Experience

David C. Yao, Thomas A. Stellato, Margaret M. Schuster, Kristen N. Graf, and Peter T. Hallowell

The formation of gastrogastric fistula (GGF) is an uncommon and difficult to manage complication following Roux-en-Y gastric bypass surgery. In this study, we demonstrate that both techniques applied to the creation of the gastric pouch and surgical experience may play a role in the occurrence of GGF formation.

387 Should Pregnancy be a Sole Criterion for Trauma Code Activation: A Review of the Trauma Registry

Rachel Aufforth, E. Edhayan, and Dominique Dempah

A review of a trauma registry at a level 2 American College of Surgeons-verified trauma center indicates that activation for blunt trauma in pregnant patients should be initiated in patients who are in their third trimester or who meet other activation criteria.

391 Further Reduction of Hospital Stay for Laparoscopic Colon Resection by Modifications of the Fast-Track Care Plan

Gavish N. Patel, Charalambos K. Rammos, Jasmin V. Patel, and Norman C. Estes

This study describes the modifications of the fast-track care plan applied to patients undergoing elective laparoscopic colon resection achieving a hospital length of stay of 37 hours (1.5 d).

396 Guidelines for Identification and Management of Outpatient Percutaneous Endoscopic Gastrostomy Tube Placement

Scott M. Wilhelm, Kimberly A. Ortega, and Thomas A. Stellato

Our study shows the feasibility and safety of outpatient percutaneous endoscopic gastrostomy tube placement. This technique requires a care path-driven team approach involving the surgeon, nutrition and home service teams, and motivated patients.

401 Laparoscopic Distal Pancreatectomy Using Radiofrequency Energy

Jeffrey S. Fronza, David J. Bentrem, Marshall S. Baker, Mark S. Talamonti, and Michael B. Ujiki

The transection method for laparoscopic distal pancreatectomy remains problematic. Radiofrequency energy has been used for years in hepatic surgery but has not been attempted in pancreatic transection. This study shows the safety and feasibility of radiofrequency energy in pancreatic transection.

405 Income, Productivity, and Satisfaction of Breast Surgeons

David C. Bendorf, Stephen D. Helmer, Jacqueline S. Osland, and Patty L. Tenofsky

General surgeons who care for patients with breast abnormalities were surveyed. Those surgeons who dedicate a significant amount of their practice to breast care (76%–100%) tended to have lower incomes. Those same surgeons, however, have an overall improved job satisfaction compared with general surgeons who do less breast care.

410 Influence of Morbid Obesity on Parathyroidectomy Outcomes in Primary Hyperparathyroidism

Susan C. Pitt, Rajarajan Panneerselvan, Rebecca S. Sippel, and Herbert Chen

This study evaluated the influence of morbid obesity on outcomes following parathyroidectomy in patients with primary hyperparathyroidism, and specifically examined differences in laboratory values, operative findings, complications, and surgical success.

416 A Novel Approach for the Simultaneous Repair of Large Midline Incisional and Parastomal Hernias With Biological Mesh and Retrorectus Reconstruction

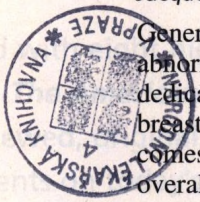
Michael J. Rosen, Harry L. Reynolds, Bradley Champagne, and Conor P. Delaney

This article provides a detailed description of a technique for repairing parastomal hernias. The use of a retrorectus biological prosthetic positioning and component separation techniques are described.

422 Midwest Surgical Association 2009 Report from the American College of Surgeons

Lamar S. McGinnis Jr.

An historical and contemporary review of health care reform efforts is offered along with some view-



points from the American College of Surgeons at the time that this presentation was made to the Midwest Surgical Association in July, 2009.

EDITORIAL OPINION

427 Sundays With Bob, Lessons Learned From a Master Teacher
Walter H. Merrill

The author recounts his experiences and the insights and inspirations he gained from regular conversational encounters with Robert H. Bower, M.D., a late faculty member in the University of Cincinnati Department of Surgery. Dr. Bower's expertise as a

teacher and his philosophical views on resident education are emphasized.

BOOK REVIEWS

431 Clinical Surgery Made Easy—A Companion to Problem-Based Learning
Asha Bale and Edwin A. Deitch

432 Surgery: Diagnosis and Management, 4th edition
Paul J. Schenarts

433 Letters to the Editor

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creatic resection remains problematic. Radiofrequency energy has been used for years in hepatic surgery but has not been attempted in pancreatic transaxial resection. This study shows the safety and feasibility of radio-

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