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Official Publication of the New England Surgical Society, Pacific Coast Surgical Association, Society of Surgical Oncology, Surgical Infection Society, Western Surgical Association

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For expedited air delivery to most countries, add \$20 surcharge for 1-year subscription, \$40 for 2 years. (Rates for subscriptions for delivery to Japan or South Korea are available through exclusive agents—contact the publisher.)

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The ARCHIVES OF SURGERY (ISSN 0004-0010) is published monthly by the American Medical Association, 515 N State St, Chicago, IL 60610, and is an official publication of the Association. Second-class postage paid at Chicago, IL 60610, and at additional mailing office.

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GST registration number: R 126 225 556

ARCHIVES

OF

Surgery

Vol 127

No. 2

FEBRUARY 1992

COMMENTARY

Laparoscopic Hernia Repair: A Point of View

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Lloyd M. Nyhus, MD

PAPERS PRESENTED AT THE 11TH ANNUAL MEETING OF THE SURGICAL INFECTION SOCIETY, FORT LAUDERDALE, FLA

Monoclonal Antibody to Tumor Necrosis Factor α Attenuates Cardiopulmonary Dysfunction in Porcine Gram-negative Sepsis

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Ciaran J. Walsh, FRCSI; Harvey J. Sugerman, MD;

Patrick G. Mullen, FRCSI; P. Declan Carey, FRCSI;

Sandra K. Leeper-Woodford, PhD; Gary J. Jesmok, PhD;

Earl F. Ellis, PhD; Alpha A. Fowler, MD

- Anti-TNF α MoAb offered significant protection against the effects of *Pseudomonas*; other mediators may be responsible for the early changes.

Clinical Relevance Statement: Josef E. Fischer, MD

Interleukin 1 and Its Relationship to Endotoxin Tolerance

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Pablo León, MD; H. Paul Redmond, FRCSI;

Jian Shou, MD; John M. Daly, MD

- IL-1-pretreated mice were protected from endotoxin despite elevated peak tumor necrosis factor levels, suggesting a different mechanism from endotoxin tolerance.

Modulation of Macrophage Hyperactivity Improves Survival in a Burn-Sepsis Model

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Micheal G. O'Riordain, MB, BCh, FRCSI; Kathryn H. Collins; Michael Pilz;

Inna B. Saporoschetz; John A. Mannick, MD; Mary L. Rodrick, PhD

- Control of macrophage hyperactivity is associated with improved survival from subsequent sepsis and offers a potential new strategy for the treatment of immune dysfunction in thermally injured patients.

Candida Infection With and Without Nystatin Prophylaxis: An 11-Year Experience With Patients With Burn Injury

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Manu H. Desai, MD; Randi L. Rutan, RN, BSN;

John P. Hegggers, PhD; David N. Herndon, MD

- The incidence of *Candida* wound infection has been significantly reduced and systemic candidiasis eradicated, eliminating the need for toxic systemic antifungal agents.

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Frank B. Cerra, MD; Mike A. Maddaus, MD; David L. Dunn, MD, PhD; Carol L. Wells, PhD; Nancy N. Konstantinides, RN, MS; Sharon L. Lehmann, RN, MS; Henry J. Mann, PharmD

- Selective gut decontamination using norfloxacin plus nystatin effectively decreases the incidence of nosocomial infections and reduces length of hospital stays.

Evidence That Tumor Necrosis Factor Participates in the Regulation of Muscle Proteolysis During Sepsis 170

Oded Zamir, MD; Per-Olof Hasselgren, MD, PhD; Steven L. Kunkel, PhD; Janice Frederick, MD; Takashi Higashiguchi, MD; Josef E. Fischer, MD

- Results suggest TNF is involved in regulation of sepsis-induced muscle proteolysis.

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Renato S. Poggetti, MD; Frederick A. Moore, MD; Ernest E. Moore, MD; Denis D. Bensard, MD; Benjamin O. Anderson, MD; Anirban Banerjee, PhD

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Steve E. Calvano, PhD; Annabel E. Barber, MD; Arthur S. Hawes, MD; Herbert F. de Riesthal; Susette M. Coyle, RN; Stephen F. Lowry, MD

- Lipopolysaccharide-induced hypercortisolemia plays a role in immunomodulation during endotoxemia.

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Alfred Ayala, PhD; John M. Kisala, MD; Julie A. Felt, MD; Michelle M. Perrin; Irshad H. Chaudry, PhD

- Macrophages from septic, endotoxin-tolerant mice release monokines similar to those from normal mice.

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Remi P. Schneider, MD; Nicolas V. Christou, MD, PhD; Carl Nohr, MD, PhD

- For IgM, mitogen stimulation increased synthesis to a level lower than normal in all patients; for IgA, synthesis was increased in all groups.

A National Survey of Surgeons' Attitudes About Patients With Human Immunodeficiency Virus Infections and Acquired Immunodeficiency Syndrome 206

Gene Ann Shelley, PhD, Richard J. Howard, MD, PhD

- The respondents felt others were "making the rules" for them while they were "taking the risks."

Double Gloving: Protecting Surgeons From Blood Contamination in the Operating Room 213

Edward J. Quebbeman, MD, PhD; Gordon L. Telford, MD; Karen Wadsworth, RN; Susan Hubbard, RN, BSN, CNOR; Hannah Goodman, MS; Mark S. Gottlieb, PhD

- Surgeons wearing single gloves were seven times more likely to be exposed to blood.
- Invited Commentary:** Hastings K. Wright, MD

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The Surgical Infection Society's Policy on Human Immunodeficiency Virus and Hepatitis B and Hepatitis C Infection: The Ad Hoc Committee on Acquired Immunodeficiency Syndrome and Hepatitis 218
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• Transabdominal esophagomyotomy combined with Dor fundoplication is a safe, effective, and durable procedure in the treatment of esophageal achalasia.
Invited Commentary: F. Henry Ellis, Jr, MD

Duplex Scans Before Subclavian Vein Catheterization Predict Unsuccessful Catheter Placement 229
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