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ARCHIVES

OF

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SEPTEMBER 1991

ORIGINAL ARTICLES

7.5% Sodium Chloride/Dextran for Resuscitation of Trauma Patients Undergoing Helicopter Transport 1065

Mary J. Vassar, MS; Colleen A. Perry; Wayne L. Gannaway, PharmD; James W. Holcroft, MD, Sacramento, Calif

- A prospective double-blinded trial with prehospital resuscitation of trauma patients with 7.5% NaCl/dextran 70% is compared with conventional isotonic fluid resuscitation.

Invited Commentary: George F. Sheldon, MD, Chapel Hill, NC

Trauma During Pregnancy: A Review of 79 Cases 1073

Thomas J. Esposito, MD, MPH; David R. Gens, MD; Lynn Gerber Smith, RN, MS; Ronald Scorpio, MD; Timothy Buchman, MD, Baltimore, Md

- Pregnancy does not increase maternal mortality from trauma; assumption of fetal and maternal stability based on blood pressure, pulse, and Po2 are unreliable.

Trauma in Pregnancy: Predicting Pregnancy Outcome 1079

David P. Kissinger, MD; Grace S. Rozycki, MD, Washington, DC; John A. Morris, Jr, MD, Nashville, Tenn; M. Margaret Knudson, MD, San Francisco, Calif; Wayne S. Copes, PhD, Washington, DC; Sue M. Bass, ScM; H. Kendle Yates, Nashville, Tenn; Howard R. Champion, FRCS(Edin), FACS, Washington, DC

- The adequacy of noninvasive maternal monitoring in assessing fetal well-being is challenged: a discussion of diagnostic modalities for assessment for the injured gravida is set forth.

Intravascular Plastic Catheters: How They Potentiate Tumor Necrosis Factor Release and Exacerbate Complications Associated With Sepsis 1087

Louis F. Martin, MD; Thomas C. Vary, PhD; Paul K. Davis, MD; Bryce L. Munger, MD; James C. Lynch, MS; Sheila Spangler, MT, ASCP, Hershey, Pa; Daniel G. Remick, MD, Ann Arbor, Mich

- Intravascular plastic catheters potentiate the destructive cascade of host-produced events in response to bacteremia.

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ARCHIVES

Sulindac Inhibits the Rate of Growth and Appearance of Colon Tumors in the Rat 1094

Stewart A. Skinner, MB, BS; Angela G. Penney, BSc;
Paul E. O'Brien, MD, FRACS, Victoria, Australia

- Sulindac inhibits the rate of growth and development in the rat colon tumor model.

Recurrent Inguinal Hernia Treated by Classical Hernioplasty 1097

Jan N. M. Ijzermans, MD, PhD; Hans de Wilt;
Wim C. J. Hop, MSc; Hans Jeekel, Rotterdam, the Netherlands

- The technique of classic hernioplasty may be unsuitable for the repair of recurrent inguinal hernias.

Chronic Mesenteric Vascular Syndrome: Results of Reconstructive Surgery 1101

Robert H. Geelkerken, MD; J. Hajo van Bockel, MD;
Wilfred K. de Roos, MD; Jo Hermans, PhD;
Johan L. Terpstra, MD, the Hague, the Netherlands

- Reconstructive surgery for chronic mesenteric vascular syndrome promptly relieves symptoms and has excellent patency.

Invited Commentary: John M. Porter, MD, Portland, Ore

Role of Oxygen-Derived Free Radical Scavengers in the Treatment of Recurrent Pain Produced by Chronic Pancreatitis: A New Approach 1109

Aws S. Salim, PhD(Surg), FRCSEd, FRCSGlasg, FICS, FCICD, Baghdad, Iraq

- Oxygen-derived free radicals are implicated in the mechanism of abdominal pain caused by alcohol-induced chronic pancreatitis, and removing them incurs a beneficial therapeutic effect.

A Prospective, Randomized Comparison of Computed Tomography With Conventional Diagnostic Methods in the Evaluation of Penetrating Injuries to the Back and Flank 1115

David W. Easter, MD, San Diego, Calif;
Steven R. Shackford, MD, Burlington, Vt;
Robert F. Mattrey, MD, San Diego, Calif

- CT can be useful in the assessment of penetrating injuries to the back and flank.

An Evaluation of Surgery Departments in Community-Based Medical Schools 1122

J. Roland Folse, MD; Debra A. DaRosa, PhD; Mary Wood, Springfield, Ill

- Most community-based schools have succeeded in their mission, partially at the expense of controls usually found in traditional schools.

Invited Commentary: Richard E. Dean, MD, East Lansing, Mich

Cigarette Smoking Decreases Tissue Oxygen 1131

J. Arthur Jensen, MD; William H. Goodson, MD;
Harriet Williams Hopf, MD; Thomas K. Hunt, MD, San Francisco, Calif

- Peripheral vasoconstriction, induced by the adrenergic effects of nicotine, may contribute to a decreased PsqO₂.

Invited Commentary: Dwight E. Harken, MD, Boston, Mass

Stereotaxic Localization for Fine-Needle Aspiration Breast Biopsy: Initial Experience With 300 Patients 1137

Julie S. Mitnick, MD; Madeline F. Vazquez, MD; Daniel F. Roses, MD;
Matthew N. Harris, MD; Rosamond Gianutsos, PhD;
Jerry Waisman, MD, New York, NY

- Stereotactic aspiration for the initial evaluation of mammographically detected nonpalpable lesions is efficacious.

Continued on page 1060.

ARCHIVES

Race and Liver Transplantation 1141

Thomas A. Gonwa, MD; Christine A. Morris, RN;
Martin L. Mai, MD; Bo S. Husberg, MD, PhD;
Robert M. Goldstein, MD; Goran B. Klintmalm, MD, PhD, Dallas, Tex
• Blacks have an outcome equal to whites following liver transplantation but are underrepresented compared with the general population.

CLINICAL NOTES

Gastric Volvulus in the Pediatric Population 1146

Daniel L. Miller, MD; Michael D. Pasquale, MD, Washington, DC;
Russell P. Seneca, MD; Earl Hodin, MD, Falls Church, Va

Cancer of Bile Duct With Situs Inversus 1150

Brian C. Organ, MD; Lee J. Skandalakis, MD;
Stephen W. Gray, PhD; John E. Skandalakis, MD, PhD, Atlanta, Ga

Subcutaneous Emphysema and Hypercarbia Following Laparoscopic Cholecystectomy 1154

Raleigh B. Kent III, MD, Birmingham, Ala

Efferent Limb Obstruction After Pancreaticojejunostomy: A Late Cause of Pancreatitis Following Whipple Resection 1157

John M. Howard, MD, Toledo, Ohio

CORRECTION

Hepatic Extraction of Indocyanine Green Is Depressed Early in Sepsis Despite Increased Hepatic Blood Flow and Cardiac Output 1093

Ping Wang, MD; Zheng F. Ba;
Irshad H. Chaudry, PhD, East Lansing, Mich

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Instructions for Authors (see July 1991 issue, p 919.)

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