

**PAPERS READ BEFORE THE 13TH ANNUAL MEETING
OF THE NEW ENGLAND SOCIETY FOR VASCULAR SURGERY
DIXVILLE NOTCH, NH, SEPT 25 TO SEPT 26, 1986**

- Giants Before Their Time: Presidential Address** 867
Donald C. Nabseth, MD, Boston
- The Management of Early In Situ Saphenous Vein Bypass Occlusions** 871
Norman A. Schoenfeld, MD; Thomas F. O'Donnell, MD; Harry L. Bush, Jr, MD;
William C. Mackey, MD; Allan D. Callow, MD, PhD, Boston
Early failure of in situ saphenous vein arterial reconstructions
is due primarily to technical factors.
- Subclavian Artery Insufficiency: Treatment With Axilloaxillary Bypass** 876
Richard I. Weiner, MD; Ralph A. Deterling, Jr, MD; Joanna Sentissi, MD; Thomas F. O'Donnell, Jr, MD, Boston
Axilloaxillary bypass was a safe and effective treatment for symptomatic subclavian insufficiency.
- Sigmoid Intramural pH for Prediction of Ischemic Colitis During Aortic Surgery:
A Comparison With Risk Factors and Inferior Mesenteric Artery Stump Pressures** 881
Michael G. Schiedler, MD; Bruce S. Cutler, MD; Richard G. Fiddian-Green, MD, Worcester, Mass
Intramural pH was the best predictor of the development of ischemic colitis.
Editorial Comment by Calvin B. Ernst, MD, Detroit
- Effect of a Selective Thromboxane Synthase Inhibitor on
Arterial Graft Patency and Platelet Deposition in Dogs** 887
Martha D. McDaniel, MD; Thomas Huntsman, MD; Thomas O'C. Miett, MD; Jack L. Cronenwett, Hanover, NH
Selective thromboxane synthase inhibition improves one week patency rates
of small-diameter prosthetic grafts.
- Recent Experience With the Asymptomatic Cervical Bruit** 893
Magruder C. Donaldson, MD; Charlotte Sabine, RN, RVT; Abdo T. Showah, MD; Charles A. Bucknam, MD, Farmington, Conn
Patients with an asymptomatic cervical bruit had less than a 50% incidence
of detectable carotid disease.
- Markers of Thrombotic Activity in Arterial Disease** 897
Magruder C. Donaldson, MD; Eileen T. Matthews; Jane Hadjimichael; Frederick R. Rickles, MD, Farmington, Conn
Products of platelet degranulation and fibrin formation are increased in patients
with peripheral vascular disease alone and also in those with prosthetic grafts.
Invited Editorial Comment by Donald Silver, MD, Columbia, Mo
- Thrombolysis in the Treatment of Peripheral Arterial Vascular Occlusions** 901
Walter A. Koltun, MD; Geoffrey A. Gardiner, Jr, MD; Donald P. Harrington, MD;
Nathan P. Couch, MD; John A. Mannick, MD; Anthony D. Whittemore, MD, Boston
Patients with graft occlusions successfully treated with thrombolysis
require correction of the precipitating lesions as well.

The ARCHIVES OF SURGERY (ISSN 0004-0010) is published monthly by the American Medical Association, 535 N Dearborn 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.

SUBSCRIPTION RATES—The subscription rates for the Archives of Surgery are as follows: for members of the AMA, \$1.50 included in the annual membership dues; for nonmembers, \$38 for one year, \$68 for two years in the United States and US possessions; all other countries, one year, \$50; two years, \$92 (add \$15 surcharge to each one-year subscription, \$30 for two years for air delivery to the United Kingdom, Europe, Bangladesh, India, Nepal, or Sri Lanka). Special yearly rates to residents and medical students in the United States and US possessions, one year, \$19; two years, \$34. Rates for subscriptions for delivery to Australia, Japan, New Zealand, or South Korea are available through respective exclusive agents. Address all

subscription communications to the American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn St, Chicago, IL 60610. Phone: (312) 280-7154.

CHANGE OF ADDRESS—POSTMASTER, send all address changes to Caryl L. Wertheimer, Director of Fulfillment, 535 N Dearborn St, Chicago, IL 60610. Notification of address change must be made at least six weeks in advance, include both old and new addresses, a recent mailing label, and your new zip code.

ADVERTISING PRINCIPLES: Each advertisement in this issue has been reviewed and complies with the principles governing advertising in AMA scientific publications. A copy of these principles is available on request. The appearance of advertising in AMA publications is not an AMA guarantee or endorsement of the product or the claims made for the product by the manufacturer.

ORIGINAL ARTICLES

Cryptogenic Abscess of the Liver:

- Evidence of Underlying Reticuloendothelial Cell Dysfunction** 906
 Gerald Y. Minuk, MD; Lindsay E. Nicole, MD; T. Sherman, MD, Calgary, Alberta
 Impairment of reticuloendothelial system function may be responsible for spontaneous liver abscesses in these patients.

- In Vivo Determination of Modulated Migration of Radiolabeled Leukocytes** 909
 Anders Bengtson, MD; Göran K. Hansson, MD, PhD; Mats Heideman, MD, PhD, Göteborg, Sweden
 Decreased perfusion, peritonitis, and steroids all decreased the migration of leukocytes to a subcutaneous stimulus.

- Is It Necessary to Irradiate the Breast After Conservative Surgery for Localized Cancer?** 913
 Nemetallah A. Ghossein, MD, New York; Jacques Vilcoq, MD, Paris; Patricia Stacey, RT, New York; Bernard Asselain, MD, Paris
 Breast irradiation following local excision of invasive carcinoma was associated with a low incidence of local recurrence.

- Single-Dose Antibiotic Prophylaxis for Biliary Surgery: Cefazolin vs Moxalactam** 918
 John M. Kellum, MD, Richard J. Duma, MD, PhD, Richmond, Va; Sherwood L. Gorbach, MD, Boston; Harvey J. Sugerman, MD; Boyd W. Haynes, Jr, MD; Alfred Gervin, MD; Heber H. Newsome, MD, Richmond, Va
 A single dose of a first-generation cephalosporin was as effective as a third-generation drug.
 Invited Editorial Comment by Ronald Lee Nichols, MD, New Orleans

Surgical Therapy of Radiation-Induced Small-Bowel Lesions:

- Report of 34 Cases With a High Share of Patients With Combined Chemotherapy** 923
 Johannes Miholic, MD; Otto Schlappack, MD; Walter Klepetko, MD; Heinz Kölbl, MD; Tibor Szepesi, MD; Peter Moeschl, MD, Vienna
 The morbidity and mortality following treatment of these lesions has decreased in recent years, but the reasons for this are not clear.

- Preoperative Cytoscopic Findings in Resectable Rectal Adenocarcinoma** 929
 Nicholas J. Petrelli, MD; Humberto Martinez, MD; Lemuel Herrera, MD; Arnold Mittelman, MD, Buffalo
 Invasion of the bladder is infrequent with carcinoma of the rectum.

- Resurrection of the Amputations of Lisfranc and Chopart for Diabetic Gangrene** 931
 John J. Roach, MD; Arthur Deutsch, MD; Douglas S. McFarlane, MB, ChB, FRCS(E), Fayetteville, NC
 Open Lisfranc's or Chopart's amputations were helpful in saving the feet of 18 patients with neuropathic diabetic gangrene.

Effect of Transfusion on Immune Function in a Traumatized Animal Model:

- II. Effect on Mortality Rate Following Septic Challenge** 935
 J. Paul Waymack, MD; Edward Robb, MS; J. Wesley Alexander, MD, ScD, Cincinnati
 Transfusion may adversely affect survival when given before bacterial challenge.

- Prevention of Septic Ventilatory Depression With Naloxone** 940
 George J.-H. Chuang, MD; Cheng-Xin Gao, MD; David S. Mulder, MD; Ray C.-J. Chiu, MD, PhD, Montreal
 Ventilatory depression did not occur in animals treated with an opiate antagonist during *Escherichia coli* infusion.

CLINICAL NOTES

- Reversal of Benign Intracranial Hypertension by Surgically Induced Weight Loss** 946
 Joseph F. Amaral, MD; William Tsiaris, MD; Thomas Morgan, MD; William R. Thompson, MD, Providence, RI
 Pseudotumor cerebri responded after a gastric exclusion operation in this morbidly obese patient.

- Femoral Hernias in Children: An Infrequent Problem** 950
 Per Anderas, MD; Juda Z. Jona, MD; Marvin Glicklich, MD; Roger D. Cohen, MD, Milwaukee
 Because this type of hernia is so uncommon in children, the diagnosis may not be made preoperatively.

- Radionuclide Imaging in the Diagnosis of Hernias Related to Peritoneal Dialysis** 952
 Judith Johnson, MD; Sheldon Baum, MD; Robert D. Smink, Jr, MD, Philadelphia
 Radionuclide imaging peritoneography through the dialysis catheter identifies inguinal hernias in patients with bilateral scrotal edema.

REGULAR DEPARTMENTS

- Correspondence and Brief Communications** 957

- Books** 961

- Calendar** 963

- Instructions for Authors** see July 1987 issue, p 746

- Index to Advertisers** 956