

PAPERS READ BEFORE THE 90TH ANNUAL MEETING OF THE WESTERN SURGICAL ASSOCIATION, KANSAS CITY, MO, NOV 15-17, 1982—PART I

- Conservation Surgery and Irradiation as Treatment for Early Breast Cancer** 521
 Marvin M. Romsdahl, MD, PhD; Eleanor D. Montague, MD;
 Frederick C. Ames, MD; Peter C. Richards, MD;
 Sylvia R. Schell, MD, Houston
 Survival and local recurrence rates were similar for radical mastectomy and segmental excision with irradiation.
- Total Thyroidectomy for Hürthle Cell Neoplasm of the Thyroid** 529
 Steven R. Gundry, MD; Richard E. Burney, MD;
 Norman W. Thompson, MD; Riccardo Lloyd, MD, Ann Arbor, Mich
 Total thyroidectomy is recommended for all Hürthle cell tumors regardless of size and histologic appearance.
- Primary Hyperparathyroidism in Patients With Multiple Endocrine Neoplasia Syndromes: Surgical Experience** 533
 Jonathan A. van Heerden, MB, FRCS(C); Raleigh B. Kent III, MD;
 Glen W. Sizemore, MD; Clive S. Grant, MD;
 William H. ReMine, MD, Rochester, Minn
 Failure to recognize multiple parathyroid gland disease was the principal cause of postoperative hypercalcemia.
- Surgical Treatment of Functioning Metastatic Carcinoid Tumors** 537
 J. Kirk Martin, Jr, MD; Charles G. Moertel, MD;
 Martin A. Adson, MD; Allan J. Schutt, MD, Rochester, Minn
 Resection of hepatic metastases when possible, or hepatic artery ligation produced remission of symptoms.
- Barrett's Esophagus: Functional Assessment, Proposed Pathogenesis, and Surgical Therapy** 543
 Clemente Iascone, MD; Tom R. DeMeester, MD;
 Alex G. Little, MD; David B. Skinner, MD, Chicago
 Further evidence is presented that Barrett's esophagus is an end stage of reflux esophagitis.
- Gastric Outlet Obstruction After Palliative Surgery for Cancer of Head of Pancreas** 550
 William B. Meinke, MD; Patrick L. Twomey, MD; James M. Guernsey, MD;
 Charles F. Frey, MD, Martinez, Calif;
 George Higgins, MD, Robert Keehn, MS, Washington, DC
 Obstruction developed in 30% of patients after palliative operations.
- Balloon Catheter Dilation for Limb Salvage** 557
 John L. Glover, MD; Phillip J. Bendick, PhD; Russell S. Dilley, MD;
 Gary J. Becker, MD; Bruce C. Richmond, MD; Heun Y. Yune, MD;
 Robert W. Holden, MD, Indianapolis
 The rate of limb salvage after dilation alone was 34%.

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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 Treatment of Cerebral Ischemia by External Carotid Artery Revascularization	567
James J. Schuler, MD, D. Preston Flanigan, MD, Chicago;	
James R. DeBord, MD, Peoria, Ill; Timothy J. Ryan, MD;	
John J. Castronuovo, MD; Leonardo T. Lim, MD, Chicago	
External carotid revascularization was sufficient in most patients with internal carotid occlusion and external carotid stenosis.	
New Concepts in the Use of Axillofemoral Bypass Grafts	573
Richard W. Ward, MD; James W. Holcroft, MD;	
Sebastian Conti, MD; F. William Blaisdell, MD, Sacramento, Calif	
Greater success was achieved when the femorofemoral anastomosis was made proximal or distal to the axillofemoral anastomosis.	
Mycotic Aneurysm: New Concepts in Therapy	577
Jeffrey R. Johnson, MD; Anna M. Ledgerwood, MD;	
Charles E. Lucas, MD, Detroit	
Ligation of the normal artery and aneurysm excision are required, with extra-anatomic reconstruction if ischemia is produced.	
Mycotic Aortic Aneurysms: A Reappraisal	583
Kaj Johansen, MD, PhD, Seattle, Joseph Devin, MD, San Diego	
With localized mycotic aneurysms, aortic resection with periaortic débridement and in situ grafting was successful.	
Arteriovenous Fistula in Arterial Reconstruction of the Ischemic Limb	589
David B. Hinshaw, MD; Carlos A. Schmidt, MD;	
Daniel B. Hinshaw, MD; James B. Simpson, MD, Loma Linda, Calif	
The fistula was helpful in patients with poor runoff and an absent or deficient pedal arch.	
Distal Tibial Vein Grafts for Limb Salvage	597
Arthur I. Auer, MD; Joseph J. Hurley, MD; H. Bradley Binnington, MD;	
Janice D. Nunnelee, RN; Falls B. Hershey, MD, St Louis	
Long-term limb salvage was accomplished in many patients.	
Major Pelvic Fractures	610
Nashaat H. Naam, MD; William H. Brown, MD; Robert Hurd, MD;	
Robert E. Burdge, MD; Donald L. Kaminski, MD, St Louis	
Identifiable causes of death in patients with pelvic fractures were hemorrhage, sepsis, and associated head injuries.	
Incidence and Function of Residual Splenic Tissue Following Splenectomy for Trauma in Adults	617
Charles D. Livingston, MD; Barry A. Levine, MD; Myron L. Lecklitner, MD;	
Kenneth R. Sirinek, MD, PhD, San Antonio, Tex	
Residual splenic tissue was identified by scan in only 26% of adults after splenectomy for trauma.	
Management of Full-Thickness Burns of the Scalp and Skull	621
John Hunt, MD; Gary Purdue, MD; Thomas Spicer MD, Dallas	
Early excision without bone débridement followed by immediate flap coverage is the treatment of choice.	
Utilization of Blood Recycling in Nonelective Surgery	626
James F. Huth, MD; Ronald V. Maier, MD;	
Edward G. Pavlin, MD; C. James Carrico, MD, Seattle	
Recycling of shed blood during emergency operations is presently of limited value.	
Severe Duodenal Injuries: Treatment With Pyloric Exclusion and Gastrojejunostomy	631
Tomas D. Martin, MD; David V. Feliciano, MD; Kenneth L. Mattox, MD;	
George L. Jordan, Jr, MD, Houston	
Primary repair of the duodenum with pyloric exclusion and gastrojejunostomy was used successfully in most patients.	

(Continued on p 510)

Fluorophotometric Evaluation of Capillary Permeability in Gram-negative Shock	636
Walter William Tom, MD, Mario Villalba, MD, Royal Oak, Mich; Randolph E. Szlabick, MD, South Bend, Ind; Max Walsh, MD; Raymond Margherio, MD; Robert J. Lucas, MD, Royal Oak, Mich Direct quantitation of increased capillary permeability with <i>Escherichia coli</i> bacteremia was demonstrated.	
Impaired Renal Concentration Ability During Resuscitation From Shock	642
Charles E. Lucas, MD; Celestine Harrigan, PhD; Ronald Denis, MD; Anna M. Ledgerwood, MD, Detroit Impaired renal concentrating ability was demonstrated in patients after injury and initial resuscitation.	
Abdominal Abscess: A Surgical Strategy	646
Philip L. Glick, MD; Carlos A. Pellegrini, MD; Stephanie Stein, MD; Lawrence W. Way, MD, San Francisco The presence and location of most abdominal abscesses can now be accurately diagnosed preoperatively.	
Acute Nonperforating Appendicitis: Efficacy of Brief Antibiotic Prophylaxis	651
Roy E. Winslow, MD; Richard E. Dean, MD; John W. Harley, MD, Grand Rapids, Mich Infection in patients with acute nonperforating appendicitis was reduced by a broad-spectrum antibiotic.	
Acute Peptic Ulcer in Childhood: Emergency Surgical Therapy in 39 Cases	656
Stephen Dunn, MD; Thomas R. Weber, MD; Jay L. Grosfeld, MD; Joseph R. Fitzgerald, MD, Indianapolis Most ulcers were due to systemic disease or ulcerogenic medication.	
REGULAR DEPARTMENTS	
Correspondence and Brief Communications	663
Asymptomatic Thrombosis Nimer Shaheen, MD; Anaxagoras Papaioannou, MD; Kaliopi Alevisaki, BSc; Dennis Ikkos, MD, Athens, Greece	
Calendar of Events	663
Books	664
Transient Ischemic Attacks (Warlow and Morris, eds) Reviewed by Robert G. Scribner, MD, San Mateo, Calif . . . Private Practice—Surviving the First Year (McCue) Reviewed by Roy E. Carlson, MD, Englewood, Colo . . . Operative Hand Surgery (Green, ed) Reviewed by John A. Boswick, Jr, MD, Denver . . . Follow-up of the Cancer Patient (Eiseman, Robinson, Steele, eds) Reviewed by Jerome J. DeCosse, MD, New York . . . Genitourinary Cancer Surgery (Crawford and Borden, eds) Reviewed by John N. Wettlaufer, MD, Denver . . . Hippocrates I and II (Stillman) Reviewed by Ben Eiseman, MD, Denver	
Overseas Note	668
Ben Eiseman, MD, Coordinator East Africa Revisited William V. McDermott, MD, Boston	
Announcement	582
Index to Advertisers	609
Instructions for Authors	See March 1983 Issue, p 269