

# TABLE OF CONTENTS

VOLUME 74

JUNE 1957

NUMBER 6

## ORIGINAL ARTICLES

Papers Read at Sixty-Fourth Annual Meeting of the Western Surgical Association,  
Cincinnati, Nov. 29, 30, and Dec. 1, 1956 (CONCLUDED)

	PAGE
<b>Local Recurrence of Carcinoma After Anterior Resection of the Rectum and the Sigmoid</b> <i>Eric P. Lofgren, M.D.; John M. Waugh, M.D., and Malcolm B. Dockerty, M.D., Rochester, Minn.</i> .....	825
<b>Problems in the Diagnosis and Treatment of Gas Gangrene</b> <i>William A. Altemeier, M.D.; William R. Culbertson, M.D.; Mark Vetto, M.D., and William Cole, M.D., Cincinnati</i> .....	839
<b>The Work of Breathing During Surgical Operations</b> <i>William E. Brownlee, M.D., and Frank F. Allbritten Jr., M.D., Kansas City, Kan.</i> ..	846
<b>Clinical Aspects of Soft-Tissue Tumors</b> <i>R. Lee Clark Jr., M.D.; Richard G. Martin, M.D.; E. C. White, M.D., and Jacob W. Old, M.D., Houston, Texas</i> .....	859
<b>Pancreaticoduodenectomy for Chronic Relapsing Pancreatitis</b> <i>Paul H. Jordan Jr., M.D., and Morton I. Grossman, M.D., Ph.D., Los Angeles</i> ....	871
<b>Ductal and Vascular Factors in Etiology of Experimentally Induced Acute Pancreatitis</b> <i>René B. Menguy, M.D.; George A. Hallenbeck, M.D.; Jesse L. Bollman, M.D., and John H. Grindlay, M.D., Rochester, Minn.</i> .....	881
<b>Effect of Pancreatic Secretions on the Gallbladder</b> <i>John S. Najarian, M.D.; Donald E. Hine, M.D.; Robert M. Whitrock, M.D., and Horace J. McCorkle, M.D., San Francisco</i> .....	890
<b>Neoplastic Disease of the Spinal Extradural Space</b> <i>John Mullan, M.D., and Joseph P. Evans, M.D., Chicago</i> .....	900
<b>Capillary Resistance in Response to Anesthesia and Surgery</b> <i>Harry H. McCarthy, M.D.; Jeno Kramár, M.D.; Vernon William Meyers, M.D.; Nicholas Dietz, M.D., and James W. Williams, M.D., Omaha</i> .....	908
<b>Electrical Ventricular Defibrillation</b> <i>Allan B. Kortz, M.D., and Henry Swan, M.D., Denver</i> .....	911
<b>The Closure of Cardiac Septal Defects</b> <i>William H. Myerly, M.D.; Tom D. Throckmorton, M.D., and John E. Gustafson, M.D., Des Moines, Iowa</i> .....	918
<b>The Correction of Aortic Insufficiency with a Spring Valve Prosthesis</b> <i>James H. Wible, M.D.; Lyle F. Jacobson, M.D.; Prescott Jordan Jr., M.D., and Charles G. Johnston, M.D., Detroit</i> .....	929
<b>Role and Interpretation of Arteriograms in Atherosclerosis and Atherosclerotic Aneurysms</b> <i>Ben Eisenman, M.D., and Hubert U. Waggner, M.D., Denver</i> .....	934
<b>Replacement of Long and Narrow Arterial Segments</b> <i>D. Emerick Szilagyí, M.D.; John G. Whitcomb, M.D., and Claibourne P. Shonnard, M.D., Detroit</i> .....	944
<b>Carotid Angiography in Diagnosis and Treatment of Tumors of the Neck</b> <i>Nicholas Wetzel, M.D., Chicago</i> .....	954
<b>Evaluation of Venous Shunt Surgery in Portal Hypertension</b> <i>William S. Dye, M.D.; Richard B. Capps, M.D.; Lyle A. Baker, M.D.; William J. Grove, M.D., and Ormand C. Julian, M.D., Chicago</i> .....	959
<b>Studies of Hepatic Function in Dogs with Eck Fistula or Portacaval Transposition</b> <i>William Silen, M.D.; Dean L. Mawdsley, M.D.; William L. Weirich, M.D., and Harold A. Harper, Ph.D., San Francisco</i> .....	964
<b>Extrapleural Posterolateral Approach for Upper Thoracic Sympathectomy</b> <i>Robert T. Crowley, M.D., and Donald E. Economy, M.D., Williamson, W. Va.</i> ....	974

## SURGERY ILLUSTRATED

<b>End-to-Side Portacaval Shunt</b> <i>John L. Madden, M.D., New York</i> .....	978
--	-----