CONTENTS OF VOLUME 31

No. 4 October 1964

INVESTIGATION OF THE PATIENT WITH 'CRYPTIC ANEMIA'
John D. Battle, Jr., M.D. 195

CURRENT CONCEPTS IN THE SURGEON'S TREATMENT OF BLEEDING DUODENAL ULCER
Stanley O. Hoerr, M.D. 201

AN EVALUATION OF THE FASTING BLOOD-GLUCOSE LEVEL AS AN INDEX OF ABNORMAL CARBOHYDRATE TOLERANCE
Adrian Hainline, Jr., Ph.D., and Dan F. Keller, M.D. 209

PANCREATIC SCANNING WITH SELENIUM^{75}-METHIONINE, UTILIZING MORPHINE TO ENHANCE CONTRAST; A PRELIMINARY REPORT
Antonio Rodriguez-Antúnez, M.D. 213

EFFECTIVE SPONTANEOUS PORTACAVAL VENOUS SHUNT; REPORT OF TWO CASES
B. H. Sullivan, Jr., M.D., Charles H. Brown, M.D., Thomas F. Meaney, M.D., and Earl K. Shirey, M.D. 219

USE OF HIGH-DEFINITION FILMS AND IMMERSION TECHNIC IN EARLY DIAGNOSIS OF METABOLIC AND SYSTEMIC DISORDERS
Barry Q. Walker, M.D. 227

CERVICAL ESOPHAGOSTOMY; TECHNIC AND USE
Boynton T. Woodburn, M.D., Shattuck W. Hartwell, Jr., M.D., and Robin Anderson, M.D. 231

REVERSED COIL ARTIFICIAL KIDNEY: DEVELOPMENT OF A PROTOTYPE
Peter D. Smith, Arthur H. Gara, and William J. Kolff, M.D. 235

ACKNOWLEDGMENT . . . . . *Donald B. Effler, M.D.* 239

PUBLICATIONS BY MEMBERS OF THE STAFF 241

MEDICAL MOTION PICTURE FILMS (16 mm.) PRODUCED AT CLEVELAND CLINIC 243

THE CLEVELAND CLINIC EDUCATIONAL FOUNDATION —
POSTGRADUATE COURSES 245

Index Issue