

## CONTENTS

## EDITORIAL VIEWS

- The Mechanism of General Anesthesia. *K. Krnjević* 215  
 Minipigs, Microsomes, Metabolism, and Maupassant. *Burnell R. Brown, Jr.* 217

## ORIGINAL ARTICLES

- The Effects of Anesthetics on Reticular and Cortical Activity. *Tigran M. Darbinjan, Vladimir B. Golovchinsky, and Scetlana I. Plehotkina* 219  
 Concentration Dependence of Hepatic Halothane Metabolism. *D. C. Sawyer, E. I. Eger, II, S. H. Bahlman, B. F. Cullen, and D. Impelman* 230  
 A Comparative Study of the Effects of Five General Anesthetics on Myocardial Contractility: I. Isometric Conditions. *Burnell R. Brown, Jr., and J. Richard Crout* 236  
 Serum Potassium Changes after Succinylcholine in Patients with Acute Massive Muscle Trauma. *Charles Kopriva, Jack Ratliff, J. Raymond Fletcher, Peter Van Tassel, and Rex Stout* 246  
 Hemodynamic and Blood-gas Effects of Innovar in Patients with Acquired Heart Disease. *Sait Tarhan, Emerson A. Moffitt, Richard O. Lundborg, and Robert L. Frye* 250  
 Cardioactive Properties of *d*-Tubocurarine with and without Preservatives. *Elizabeth G. Dowdy, William C. Holland, Ikuo Yamanaka, and Keiji Kaya* 256  
 The Effects of Halothane Anesthesia on Reflex Cardiovascular Responses to Simulated Diving and the Valsalva Maneuver. *Thomas F. Whayne, Jr., N. Ty Smith, Edmond I. Eger, II, Robert K. Stoelting, and Charles E. Whitcher* 262

## REVIEW ARTICLE

- Anesthesia and the Immune Response. *David L. Bruce and Daniel W. Wingard* 271

## TECHNICAL NOTE

- Absorption of Anesthetics by Conductive Rubber in Breathing Circuits. *Harry J. Lowe, Jerry H. Titel, and Karl J. Hagler* 283

## CLINICAL WORKSHOP

- Diagnostic Features of Fat Embolism—Results in Six Cases. *Ballard D. Wright* 290  
 Case Reports. Problems Related to Aldosteronism during Cesarean Section. *Jacob Levy and Gertie F. Marx* 294  
 Management of Massive Blood Losses in Small Infants—Incremental Transfusion of Fresh Unanticoagulated Adult Blood. *K. M. Janis and J. W. McBride* 298

## THE ANESTHESIOLOGIST'S BOOKSHELF

- 301
- LITERATURE BRIEFS 302

Drugs, 229, 245—Anesthesia, 235—Pediatrics, 255, 270—Surgery, 270, 282, 300