

## CONTENTS

### SYMPOSIUM ON PEDIATRIC ANESTHESIA

- Preface. *Ellis N. Cohen* 141

### EDITORIAL VIEWS

- A Pediatrician's Perspective. *Mary Ellen Avery* 142

### ORIGINAL ARTICLES

- The Pediatric Anesthetist, 1950-1975. *Robert M. Smith* 144
- Perinatal Pharmacology: Placental Transfer, Fetal Localization, and Neonatal Disposition of Drugs. *Bernard L. Mirkin* 156
- Neonatal Cardiorespiratory Physiology. *Leila Mei Pang and Robert B. Mellins* 171
- Congenital Metabolic Diseases of Pediatric Patients: Anesthetic Implications. *Burnell R. Brown, Jr., Philip D. Watson, and Lynn M. Taussig* 197
- Fluid Balance in the Newborn. *E. J. Bennett* 210
- Resuscitation of the Newborn. *George A. Gregory* 225
- Pediatric Intensive Care. *John J. Downes and Russell C. Raphaelly* 238
- The Child and the Operating Room. *Barbara M. Korsch* 251
- A Medical Transport System for the Neonate. *Alvin Hackel* 258
- Outpatient Pediatric Anesthesia. *D. J. Steward* 268

### CORRESPONDENCE

- Reducing the Soda-lime Hazard. *Brian Ribak* 277
- Ventilatory Responses in COPD. *Thomas J. Gal* 277
- Gas Embolism during Pneumoencephalography. *William L. Paul and Edwin S. Munson* 278
- Pediatric Anesthesiology Consultant Program. *Lida S. Dahm* 279

### BOOK REVIEWS

- Books Received, 284

#### GUIDE TO AUTHORS

The Guide for Authors is published in the January and July issues. Authors unable to consult these issues may obtain copies from the Editor-in-Chief, Nicholas M. Greene, M.D., Journal of Anesthesiology, Yale University School of Medicine, 333 Cedar St., New Haven, Connecticut 06510.