

CONTENTS

EDITORIAL VIEWS

- Effects of Prostaglandins on Editorial Policy. *Harry Wollman* 421

ORIGINAL ARTICLES

- The Amsterdam Infant Ventilator and the Ayre T-Piece in Mechanical Ventilation. *Bruno J. Urban and Stanley W. Weitzner* 423
- The Effects of Lidocaine on Canine Cerebral Metabolism and Circulation Related to the Electroencephalogram. *Takefumi Sakabe, Tsuyoshi Maekawa, Toshizo Ishikawa, and Hiroshi Takeshita* 433
- The Dependence of *d*-Tubocurarine-induced Hypotension on Alveolar Concentration of Halothane, Dose of *d*-Tubocurarine, and Nitrous Oxide. *William L. Munger, Ronald D. Miller, and Wendell C. Stevens* 442
- Inhibition by Halothane of Glucose-stimulated Insulin Secretion in Isolated Pieces of Rat Pancreas. *Ronald Gingerich, Peter H. Wright, and Raymond R. Paradise* 449
- Trace Anesthetic Effects on Perceptual, Cognitive, and Motor Skills. *David L. Bruce, Mary Jean Bach, and Jack Arbit* 453
- A Comparative Evaluation of Ketamine Anesthesia in Children and Adults. *David R. Sussman* 459
- Sympathoadrenal and Hemodynamic Effects of Isoflurane, Halothane, and Cyclopropane in Dogs. *Lawrence B. Perry, Russell A. Van Dyke, and Richard A. Theye* 465

REVIEW ARTICLE

- Prostaglandins—Basic and Clinical Considerations. *Ronald L. Katz and Gail J. Katz* 471

LABORATORY NOTE

- Enhancement of Ganglionic Muscarinic Activity by Gallamine. *Robert W. Gardier, Marie-France Ganansia, August L. Delaunois, and William Hamelburg* 494

CLINICAL WORKSHOP

- A Simple Technique of Endotracheal-tube Fixation. *Halappa N. Konchigeri and John Homi* 498
- Extradural Pressures in the Parturient Patient. *Michael W. Galbert and Gertie F. Marx* 499
- The Inflation-catheter Technique for Ventilation during Bronchoscopy. *John S. Gillick* 503

(Continued from page 2)

CONTENTS

The Relationship of Ketamine Requirement to Age in Pediatric Patients. <i>Charles H. Lockhart and William L. Nelson</i>	507
Pulsus Alternans as a Complication of Anesthesia. <i>Robert C. Brown</i>	509
Evaluation of a Disposable Humidifier. <i>Duke B. Weeks</i>	511
Hereditary Methemoglobinemia as a Cause of Cyanosis during Anesthesia. <i>Ronald A. Gabel and H. Franklin Bunn</i>	516

CORRESPONDENCE

Potencies of Fentanyl and Morphine. *M. Keeri-Szanto*, 518;
Alexander Romagnoli, 519

THE ANESTHESIOLOGIST'S BOOKSHELF 520

Books Received, 521

LITERATURE BRIEFS 522

Drugs and Their Use, 422, 448—Neonatology, 452—Obstetrics,
 458—Paraphernalia, 464—Masticulation, 519

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.

ANESAV is a code word ("coden") used by the Chemical Abstract Service to identify the journal.