

CONTENTS

EDITORIAL VIEWS

- CPPB and Vasopressin Secretion. *Walter H. Moran, Jr.* 501
High-frequency Electrical Equipment in Hospitals. *John M. R. Bruner* 504

SPECIAL REPORT

- Statement Regarding the Role of Methoxyflurane in the Production of Renal Dysfunction. *Committee on Anesthesia, National Academy of Sciences-National Research Council* 505

ORIGINAL ARTICLES

- Plasma Antidiuretic Hormone and Urinary Output during Continuous Positive-pressure Breathing in Dogs. *Robert A. Baratz, Daniel M. Philbin, and Richard W. Patterson* 510
Circulatory Effects of Peridural Block: II. Effects of Epinephrine. *John J. Bonica, Toshio Akamatsu, Peter U. Berges, Ken-ichi Morikawa, and William F. Kennedy, Jr.* 514
Diazepam Prevents Local Anesthetic Seizures. *Rudolph H. de Jong and James E. Heavner* 523
Chronic Exposure to Methoxyflurane: A Possible Occupational Hazard to Anesthesiologists. *Thomas H. Corbett and Gwendolyn L. Ball* 532
Pharmacokinetic Aspects of Intravenous Regional Anesthesia. *Geoffrey T. Tucker and Robert A. Boas* 538
Clinical Neuromuscular Pharmacology of Pancuronium. *Ronald L. Katz* 550
The Effect of Halothane on the Contractility of Atria from Starved Rats. *Kye-Chang Ko and Raymond R. Paradise* 557
Myocardial Function and Metabolism in the Methoxyflurane-depressed Canine Heart. *Robert G. Merin and Harold H. Borgstedt* 562

LABORATORY NOTE

- Vapor Pressure Tables. *Rudolph H. de Jong* 569

CLINICAL WORKSHOP

- Nonslapping, Nonkinking Airway Connections for Respiratory Care. *Bela Eross* 571
Clinical Implications of the Effect of Halothane on Depressed Rat Bone Marrow. *David L. Bruce and John A. Koepke* 573
A Variable-deadspace Device for Use with the Engström Respirator. *Stojan Jeretin and Tadeusz Wandycz* 576
Flash Fire in a Reducing Valve. *Joseph M. Garfield, Gary W. Allen, Paul Silverstein, and Max K. Mendenhall* 578

CORRESPONDENCE

- The Spinal-needle Director. *T. S. Morley, 580; Anthony J. DiGiovanni, 580*
Calculation of Blood O₂. *C. Prys-Roberts, P. Foëx, and C. E. W. Hahn, 581; Richard A. Theye, 582*
Instrumentation in Operating Rooms. *Selma Calmes, 583; Charles Lomanto, 583*

THE ANESTHESIOLOGIST'S BOOKSHELF

585

LITERATURE BRIEFS

587

- Drugs and Their Actions, 509, 513, 522, 531, 537, 556, 568—Obstetrics and Pediatrics, 570, 579, 584, 586

INDEX TO VOLUME 34

589