

CONTENTS

EDITORIAL VIEWS

- Use of Alpha- and Beta-Bungarotoxins for the Study of Neuromuscular
Transmission. 309
C. Chiung Chang

ORIGINAL ARTICLES

- Interactions of Neuromuscular Effects of Edrophonium, Alpha-Bungarotoxin,
and Beta-Bungarotoxin. 311
Chingmuh Lee, Elaine Yang, and Ronald L. Katz
- Interactions of Ketamine with Vasoactive Amines at Normothermia and Hypo-
thermia in the Isolated Rabbit Heart. 315
Gary E. Hill, K. C. Wong, C. Lynn Shaw, Craig R. Senter, and Richard A. Blatnick
- Left Ventricular Function in Conscious Man and during Halothane Anesthesia. 320
H. Sonntag, U. Donath, W. Hillebrand, R. G. Merin, and J. Radke
- Proliferation of Smooth Endoplasmic Reticulum and Induction of Microsomal
Drug-metabolizing Enzymes after Ether or Halothane. 325
William T. Ross, Jr., and Robert R. Cardell, Jr.
- Microvascular Responses to Norepinephrine and Vasopressin during Halothane
Anesthesia in the Rat. 332
*Takashi Yamaki, Silvio Baez, Samuel M. Feldman, Phyllis M. Gootman, and
Louis R. Orkin*
- Comparative Penetration of Glycopyrrolate and Atropine across the Blood-Brain
and Placental Barriers in Anesthetized Dogs. 339
Anthony G. Proakis and Gladys B. Harris
- Impact of Nitrous Oxide on the Circulation during Enflurane Anesthesia in Man. 345
*N. Ty Smith, Roderick K. Calverley, Cedric Prys-Roberts, E. I. Eger, II, and
Clyde W. Jones*
- Neurologic Activity of Infants Following Anesthesia for Cesarean Section. 350
*Arno I. Hollmen, Riiitta Jouppila, Maila Koivisto, Leena Maatta, Raimo Pihlajaniemi,
Matti Puukka, and Pekka Rantakyla*

SPECIAL ARTICLE

- Intermolecular Interactions and Anesthesia. 357
C. Sandorfy

CLINICAL REPORTS

- Differential Effects of *d*-Tubocurarine on Inspiratory Muscles and Two Peripheral
Muscle Groups in Anesthetized Man. 360
Michael L. Wymore and John H. Eisele
- A Hazard of Double-orifice Epidural Catheters. 362
C. F. Ward, Robert Osborne, Jonathan L. Benumof, and Lawrence J. Saidman
- Blachly Bite Blok® for Edentulous Patients. 364
Robert W. Loehning
- An Unusual Cardiovascular Response to PEEP. 365
Young D. Kim, Dennis F. Devereux, and Thomas E. Macnamara
- Responses to Atropine, Glycopyrrolate, and Riopan of Gastric Fluid pH and
Volume in Adult Patients. 367
Robert K. Stoelting

(Continued on page 6)

CONTENTS

(Continued from page 4)

Wolff–Parkinson–White Syndrome during Anesthesia.	369
<i>P. J. A. van der Starre</i>	
Manipulation of the Pulmonary-artery Catheter after Placement: Maintenance of Sterility.	373
<i>Ercument A. Kopman and Joseph G. Sandza, Jr.</i>	
Uvular Edema, a Rare Complication of Endotracheal Intubation.	374
<i>R. Ravindran and S. Priddy</i>	
Iatrogenic Benign Hyperthermia in Children.	375
<i>John G. Fraser</i>	
Bacteremia, Spinal Anesthesia, and Development of Meningitis.	376
<i>Ronald S. Berman and John H. Eisele</i>	
Wrist Circumference Predicts the Risk of Radial-arterial Occlusion after Cannulation.	377
<i>Robert F. Bedford</i>	
Evaluation of Selective Bronchial Suctioning Techniques Used for Infants and Children.	379
<i>M. R. Salem, A. Y. Wong, M. Mathrubhutham, J. Ramilio, H. K. Jacobs, and E. J. Bennett</i>	
CORRESPONDENCE	
Further Facts about Neuromuscular Blockades by Nitrogen Mustard and by Thio-Tepa.	381
<i>E. H. Colhoun and B. J. Rylett</i>	
Esophageal Stethoscopes Not Hazardous.	382
<i>Desmond F. McLaughlin</i>	
<i>Alan Jay Schwartz and John J. Downes</i>	
Medical Gas Line Installations in Hospitals.	383
<i>John Hedley-Whyte</i>	
Evaluation of Left Ventricular Function.	383
<i>Greg T. Sprissler and Terence O'Connor</i>	
<i>J. W. Flacke, W. E. Flacke, and G. D. Williams</i>	
General Anesthesia by Dentists Unacceptable.	384
<i>Desmond F. McLaughlin</i>	
<i>Sanford L. Klein, Harry Wollman, and C. Walter Cohen</i>	
Paternal Fractured Skull as a Complication of Obstetric Anesthesia.	386
<i>Jay S. DeVore and Rajkumari Asrani</i>	
Bupivacaine-induced Seizure in Obstetrics.	386
<i>Jay S. DeVore and Rajkumari Asrani</i>	
Sterilization of Anesthetic Apparatus.	387
<i>William C. Beck</i>	
<i>B. Bryan Roberts</i>	
<i>Albert D. Warshauer</i>	
<i>Gary C. du Moulin and Albert J. Saubermann</i>	
BOOK REVIEWS	390
