

CONTENTS

EDITORIAL VIEWS	
Hypertension and Anesthesia—Fifty Years On. *Cedric Prys-Roberts*	281
ORIGINAL ARTICLES	
Risks of General Anesthesia and Elective Operation in the Hypertensive Patient. Lee Goldman and Debra L. Caldera	285
Effects of Hypocarbia and Normocarbia on Cardiovascular Dynamics and Regional Circulation in the Hypothermic Dog.	293
Akito Ohmura, K. C. Wong, Dwayne R. Westenskow, and C. Lynn Shaw	
Cerebral Blood Flow and Oxygen Consumption in the Rat Brain during Extreme Hypercarbia.	299
Leif Berntman, Nils Dahlgren, and Bo K. Siesjö	
Chronic Exposure to Low Concentrations of Halothane-Nitrous Oxide: Lack of Carcinogenic Effect in the Rat.	306
W. B. Coate, Borge M. Ulland, and Trent R. Lewis	
Chronic Exposure to Low Concentrations of Halothane-Nitrous Oxide: Reproductive and Cytogenetic Effects in the Rat.	310
W. B. Coate, R. W. Kapp, Jr., and Trent R. Lewis	
Age-related Changes in Blood Pressure and Duration of Motor Block in Spinal Anesthesia.	319
Shuji Dohi, Hiroshi Naito, and Takeo Takahashi	
Indices of Myocardial Oxygenation during Coronary-artery Revascularization in Man with Morphine Versus Halothane Anesthesia.	324
James R. Kistner, Edward D. Miller, Jr., Carol L. Lake, and William T. Ross, Jr.	
Sites and Mechanisms of Action of Halothane on Skeletal Muscle Function in Vitro. Henry Rosenberg	331
PEEP and CPAP Following Open-heart Surgery in Infants and Children. Frank J. Colgan and Scott Stewart	336
Fentanyl Disposition in Cerebrospinal Fluid and Plasma and Its Relationship to Ventilatory Depression in the Dog. Carl C. Hug, Jr., and Michael R. Murphy	342
LABORATORY REPORT	
Porphyrin-inducing Activity of Alfaxolone and Alfadolone Acetate in Chick Embryo Liver Cells.	350
Peter W. F. Fischer, Aida Ferizovic, Ian R. Neilson, and Gerald S. Marks	
(Continued or	nage 6)

CONTENTS

(Continued from	n page 4)
CLINICAL REPORTS	
Safety Clip for Endotracheal Tubes.	353
William F. Malloy, Alan Van Poznak, and Joseph F. Artusio, Jr.	
Water Intoxication after 15 Minutes of Transurethral Resection of the Prostate. Barbara J. Hurlbert and Daniel W. Wingard	355
An Anesthesia Circuit Monitor.	356
Robert Forest and Yves Lamarche	330
Air Embolization during Percutaneous Swan-Ganz Catheter Placement. Thomas J. Conahan, III	360
A Simplified Endotracheal Tube for Microlaryngoscopy, Laryngoscopy, and Bronchoscopy.	361
John B. Parmley, C. Austin Meng, John Adriani, and Norman R. Wolford	
Adjustment of Intracuff Pressure to Prevent Aspiration.	363
William N. Bernhard, James E. Cottrell, C. Sivakumaran, K. Patel, L. Yost, and H. Turndorf	
Innovar-induced Hypertensive Crises in Patients with Pheochromocytoma.	366
David A. Bittar	
A Potential Hazard Connected with the Resterilization and Reuse of Disposable Equipment.	370
T. K. Bryson, Lawrence J. Saidman, and William Nelson	
Two Approaches to Cannulation of a Child's Internal Jugular Vein. Charles J. Coté, David R. Jobes, Alan Jay Schwartz, and Norig Ellison	371
CORRESPONDENCE	
Another Technique for Insertion of Nasogastric Tubes. Donald A. Mundy	374
Mechanical Aberrations with Pulmonary-artery Catheters. Rama M. Guntupalli	374
BOOK REVIEWS	375
Books Received, 380	3,3

GUIDE TO AUTHORS

The Guide for Authors is published in the January and July issues. Please refer to the Guide for the preparation of any material for submission to ANESTHESIOLOGY.