CONTENTS

EDITORIAL VIEWS	
The AABB Reference Laboratories. Morten Grove-Rasmussen	491
ORIGINAL ARTICLES	
The Effect of Depth of Anesthesia on the Neuromuscular Refractory Period of Anesthetized Man. R. A. Epstein and S. H. Jackson	494
Nonspecific Stimulation of Drug Metabolism in Rats by Methoxyflurane. M. Lawrence Berman and Julius F. Bochantin	500
Circadian Variations in Anesthetic Requirement and Toxicity in Rats. Edwin S. Munson, Richard W. Martucci, and Robert El. Smith	507
Succinylcholine-induced Hyperkalemia in Dogs with Transected Sciatic Nerves or Spinal Cords. William A. Stone, Thomas P. Beach, and William Hamelberg	515
The Effects of Anesthesia and 100 Per Cent Oxygen on the Functional Residual Capacity of the Lungs. H. F. Don, M. Wahba, L. Cuadrado, and M. Kelkar	521
Pulmonary Extravascular Water Volume during Halothane-Oxygen Anesthesia in Dogs. Bryan E. Marshall and Melville Q. Wyche	530
The Effect of Succinylcholine on Canine Gastrocnemius-muscle Oxygen Consumption. Richard A. Theye	537
Resistance Breathing (Blow Bottles) and Sustained Hyperinflations in the Treatment of Atelectasis. Frank J. Colgan, Paul D. Mahoney, and Gary L. Fanning	543
PHARMACOLOGIC INTELLIGENCE Pharmacokinetics of Succinylcholine in Newborns. Gerhard Levy	551
CLINICAL WORKSHOP The Efficacy of Cricoid Pressure in Preventing Regurgitation of Gastric Contents. Gary L. Fanning	553
The Search for Better Anesthetic Agents: Clinical Investigation of Ethrane. H. W. Linde, V. E. Lamb, C. W. Quimby, Jr., J. Homi, and J. E. Eckenhoff	555
A Note on the Biotransformation of Fluroxene in Two Volunteers. David A. Blake and Helmut F. Cascorbi	560
A Ventilating Attachment for the Fiber-optic Bronchoscope. W. E. Spoerel	561
A Simply Constructed Automatic Pressure-relief Valve. George S. Linker, Duncan A. Holaday, and Bernard Waltuck	563
Case Report. Cardiac Arrest during IPPV in a Newborn with Tracheo- esophageal Fistula. Anis Baraka and Michel Slim	564
CORRESPONDENCE	
Eternal Vigilance. Richard J. Jones	566 567
Anesthetic Effects on Baroreceptor Reflexes. Henry L. Price Hazards of the Valved Y-piece. ASA Subcommittee on Standard- ization	567
THE ANESTHESIOLOGIST'S BOOKSHELF	568
LITERATURE BRIEFS	572
Drugs, 493, 520—Pediatrics, 536, 542	
INDEX TO VOLUME 32	577