CONTENTS

EDITORIAL VIEWS	
Cyclopropane Anesthesia and Plasma Norepinephrine Levels. C. N. Gillis	1
Clinical Pharmacology of the Neuromuscular Junction. William L. Nastuk	:
Obstetrical Caudal Anesthesia: I. A Randomized Study Comparing 1% Mepivacaine with 1% Lidocaine plus Epinephrine. Ronald E.	Ì
Gunther and Jack Bauman Myocardial Metabolism in the Halothane-depressed Canine Heart.	5
Robert G. Merin	20
Cardiac Output and Postganglionic Sympathetic Activity during Acute Respiratory Alkalosis. Walter C. Moster, Charles E. Reier, Robert W. Gardier, and William Hamelberg	28
The Response of Newborns to Succinylcholine and d-Tubocurarine. Leonard F. Walts and John B. Dillon	35
Clinical Studies of the Interaction between d-Tubocurarine and Succinyl- choline. Leonard F. Walts and John B. Dillon	39
The Uptake and Release of Norepinephrine: Effects of Cyclopropane and Halothane. S. H. Ngai, Pedro M. Diaz, and Sidney Ozer	45
The Effects of Cyclopropane and Halothane on the Biosynthesis of Norepinephrine in Vivo: Conversion of ¹⁴ C-Tyrosine to Catecholamines. S. II. Ngai, N. II. Neff, and E. Costa	53
Application of Low-temperature Autoradiography to Studies of the Uptake and Metabolism of Volatile Anesthetics in the Mouse: II. Diethyl Ether. Ellis N. Cohen and Nancy Hood	61
The Effects of Nondepolarizing Relaxants and Anticholinesterases on the Neuromuscular Refractory Period of Anesthetized Man. Ralph A. Epstein, Stephen H. Jackson, and Steven R. Wyte	69
MEDICAL INTELLIGENCE	
Prenarcotic Doses of Barbiturates as an Aid in Localizing Diseased Brain Tissue. Mary A. B. Brazier	78
CLINICAL WORKSHOP	
A New Automatic Nonrebreathing Valve. Teizo Hirano and Takao Saito	84
Transcutaneous Doppler Measurement of Blood Pressure. Robert R. Kirby, William T. Kemmerer, and John L. Morgan	86
Methylphenidate for the Treatment of Hiccups during Anesthesia. George A. Gregory and Walter L. Way	89
A Fused Monitor Cable—Protection against Electrical Shock and Burns. Arnold St. J. Lee	91
Case Reports. Reversal of Chloral Hydrate-associated Cardiac Arrhythmia by a Beta-adrenergic Blocking Agent. Anthony J. Di-Gioranni	93
Malignant Hyperthermia during Anesthesia. Leonard S. Capizzi, Otto C. Phillips, and Leroy C. Harris, Jr.	97
LITERATURE BRIEFS	100
Drugs, 34, 52—Muscle, 60—Nervous System, 68—Obstetrics and Pediatrics, 83	