

CONTENTS

ORIGINAL ARTICLES

- Effects of Pharmacologic Alterations of Adrenergic Mechanisms by Cocaine, Tropolone, Aminophylline, and Ketamine on Epinephrine-induced Arrhythmias during Halothane-Nitrous Oxide Anesthesia. *Douglas E. Koehntop, Ji-Chia Liao, and Frederick H. Van Bergen* 83
- Kinetic Analysis of the AH8165-Receptor Interaction at the Mammalian Neuromuscular Junction. *B. E. Waud* 94
- Thiopental Inhibition of Tumor Immunity. *Peter G. Duncan, Bruce F. Cullen, and Larry Ray-Keil* 97
- Cultured Neuroblastoma Cells and Halothane: Effects on Cell Growth and Macromolecular Synthesis. *Alvin Telser and Robert E. Hinkley* 102
- General Anesthetics and Regional Hypoxic Pulmonary Vasoconstriction. *James Mathers, Jonathan L. Benumof, and Eric A. Wahrenbrock* 111
- Treatment of Diffuse Metastatic Cancer Pain by Instillation of Alcohol into the Sella Turcica. *Jordan Katz and Allan B. Levin* 115
- Lithium Carbonate and Neuromuscular Blocking Agents. *Gary E. Hill, K. C. Wong, and Michael R. Hodges* 122

MEDICAL INTELLIGENCE

- Perioperative Management of the Pacemaker Patient. *Arthur B. Simon* 127

SPECIAL ARTICLE

- Obstetric Anesthesia and Concepts of Placental Transport: A Historical Review of the Nineteenth Century. *Donald Caton* 132

LABORATORY REPORTS

- Control of Breathing Using an Extracorporeal Membrane Lung. *Theodor Kolobow, Luciano Gattinoni, Timothy A. Tomlinson, and Joseph E. Pierce* 138
- Autoregulation of Renal Blood Flow during Halothane Anesthesia. *R. D. Bastron, F. M. Perkins, and J. L. Pyne* 142

CLINICAL REPORTS

- Management of Cesarean Section in a Patient with Idiopathic Thrombocytopenic Purpura. *James P. Angiulo, James T. Temple, James J. Corrigan, Jr., and Jorge H. Galindo* 145
- Broken-needle Complication with a Disposable Spinal Introducer. *Marlene Eng and Rod A. Zorotovich* 147

CONTENTS

(Continued from page 4)

Partial Recovery from Pancuronium Neuromuscular Blockade Following Hydrocortisone Administration. <i>Elsie F. Meyers</i>	148
Modification of Nitrous Oxide-induced Intracranial Hypertension by Prior Induction of Anesthesia. <i>John R. Phirman and Harvey M. Shapiro</i>	150
Potential Pulmonary Barotrauma When Venting Anesthetic Gases to Suction. <i>Nigel E. Sharrock and David E. Leith</i>	152
Hemodynamic Alterations and Rapid Diagnosis in a Case of Amniotic-fluid Embolus. <i>Raymond H. M. Schaerf, Teruel de Campo, and Joseph M. Civetta</i>	155
BOOK REVIEWS	158
LITERATURE BRIEFS	
Pulmonary Physiology, 121—Circulation, 126	

GUIDE TO AUTHORS

The Guide for Authors is published in the January and July issues. Authors unable to consult these issues may obtain copies from the Editor-in-Chief, C. Philip Larson, Jr., M.D., Department of Anesthesia, Stanford University School of Medicine, Stanford, California 94305.

ANESAV is a code word ("coden") used by the Chemical Abstract Service to identify the journal.
