

CONTENTS

EDITORIAL VIEWS	
Anesthesia and the Lung.	107
John F. Nunn High-frequency Positive-pressure Ventilation (HFPPV): What Role in Ventilatory Insufficiency? Robert R. Kirby	109
OBITUARY	
Stuart C. Cullen William K. Hamilton and C. Philip Larson, Jr.	111
ORIGINAL ARTICLES	
Altered Distribution of Pulmonary Ventilation and Blood Flow Following Induction of Inhalational Anesthesia.	113
Ronald Dueck, Iven Young, Jack Clausen, and Peter D. Wagner	
Effect of Dantrolene on Neuromuscular Block by d-Tubocurarine and Subsequent Antagonism by Neostigmine in the Rabbit. E. H. Flewellen, T. E. Nelson, and D. E. Bee	126
Use of a Pulmonary-artery Catheter for Detection and Treatment of Venous Air Embolism: A Prospective Study in Man.	131
Wayne K. Marshall and Robert F. Bedford	
Postoperative Respiratory Care: A Controlled Trial of Early and Late Extubation Following Coronary-artery Bypass Grafting.	135
Arthur L. Quasha, Nancy Loeber, Thomas W. Feeley, Daniel J. Ullyot, and Michael F. Roizen	
Comparison of Ventilatory Patterns in the Treatment of Freshwater Near-drowning in Dogs.	142
Robert E. Bergquist, Mark M. Vogelhut, Jerome H. Modell, Stacy J. Sloan, and Bruce C. Ruiz	
A Bioassay of a Water-soluble Benzodiazepine Against Sodium Thiopental.	149
Frank H. Sarnquist, William D. Mathers, John Brock-Utne, Barbara Carr, Carol Canup, and Colin R. Brown	
Rebound Hypertension after Sodium Nitroprusside Prevented by Saralasin in Rats. Thomas J. Delaney and Edward D. Miller, Jr.	154

CONTENTS

(Continued from page 6)

SPECIAL ARTICLE	
Anesthetic Pollution in the Operating Room: A Notice to Operating Room Personnel.	157
John H. Lecky	
CLINICAL REPORTS	
High-frequency Positive-pressure Ventilation in Management of a Patient with Bronchopleural Fistula.	160
Graziano C. Carlon, Cole Ray, Jr., Miroslav Klain, and Patricia M. McCormack	
Respiratory Responses to Surgical Stimulation during Enflurane Anesthesia. Morton Rosenberg, Ray Tobias, Denis Bourke, and Vijaylakshmi Kamat	163
Subdural Hematomas after Lumbar Dural Puncture. Jerry D. Edelman and Daniel W. Wingard	166
Continuous Positive Airway Pressure in Hemidiaphragmatic Paralysis. James L. Robotham, Bradley E. Chipps, and Dennis W. Shermeta	167
Serum Potassium Levels Following Transfusion of Frozen Erythrocytes. Tadikonda L. K. Rao, Mali Mathru, M. R. Salem, and Adel A. El-Etr	170
Immediate Hemodynamic and Pulmonary Changes Following Pulmonary Thromboembolism.	173
Dennis T. Mangano	
Intraoperative Diagnosis of a Gastrobronchial Fistula. Arthur L. Quasha and Peter C. Pairolero	175
High-frequency Jet Ventilation for Laryngoscopy. Maciej Babinski, R. Brian Smith, and Miroslav Klain	178
Immunoglobulin E Fluctuation in Thiopental Anaphylaxis. Mark S. Etter, Martin Helrich, and Colin F. Mackenzie	181
CORRESPONDENCE	
Defect in a T-fitting Connection.	184
Martin I. Gold and Stanley Muravchick M. F. Riccio	

CONTENTS

(Continued from page 8)

Clinical Testing for Neuromuscular Blockade Correlates with Train-of-four. David J. Cullen Jørgen Viby-Mogensen, Bent Chraemmer Jørgensen, and Helle Ørding	185
Ventilator Hazard Revealed. Marin Ciobanu and James A. Meyer	186
Faulty Temperature Probe. James W. Chapin and Margaret Moravec	187
Phlebitis vs. Cutaneous Vasodilatation. A. R. Hunter David C. G. Stark and Raymond Miller	188
Monitor of Sensory Level during Epidural or Spinal Anesthesia. Pedro A. Andrade and Jaime A. Wikinski	189
Moisture-proofing the Beckman D2® Oxygen Analyzer. Kenneth P. Bandy and Jay S. Finch	190
An Anesthesiology Liaison Service. Seymour Schotz	190
Audio vs. Visual Oxygen Alarm. D. J. Steward, D. A. Pelton, and W. M. Brummitt	192
A Sterile Cover for Repositioning a Pulmonary-artery Catheter. Graham W. Erceg	193
Origin of the Balloon Technique as an Epidural-space Indicator. Carlos C. Castaños	193
Bain PEEP. Hernando Y. Arandia Graham W. Erceg	193
BOOK REVIEWS Books Received, 198	195

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.