

CONTENTS

EDITORIAL VIEWS

- Anaphylactoid Reactions and Histamine Release by Barbiturate Induction Agents:
Clinical Relevance and Patho-mechanisms. 351
W. Lorenz and A. Doenicke

ORIGINAL ARTICLES

- Thiobarbiturate-induced Histamine Release in Human Skin Mast Cells. 353
Carol A. Hirshman, Robert A. Edelstein, J. Mark Ebertz, and Jon M. Hanifin
- Effect of Halothane on Renal Hemodynamics during Normovolemia and Acute Hemorrhagic Hypovolemia. 357
Lawrence L. Priano and Bettina Marrone
- Neurotoxicity of Intrathecal Local Anesthetics in Rabbits. 364
L. Brian Ready, Michael H. Plumer, Richard H. Haschke, Everett Austin, and S. Mark Sumi
- Cerebral Functional, Metabolic, and Hemodynamic Effects of Etomidate in Dogs. 371
Leslie Newberg Milde, James H. Milde, and John D. Michenfelder
- Bicitra® (Sodium Citrate) and Metoclopramide in Outpatient Anesthesia for Prophylaxis against Aspiration Pneumonitis. 378
Laxmaiah Manchikanti, J. Blane Grow, Jerry A. Colliver, Clyde H. Hadley, and Leonard J. Hohlbein
- Toxicity and Resuscitation in Lidocaine- or Bupivacaine-infused Cats. 385
H. S. Chadwick
- Local Application of ¹³³Xenon for Measurement of Regional Cerebral Blood Flow (rCBF) during Halothane, Enflurane, and Isoflurane Anesthesia in Humans. 391
Christina Eintrei, Waclaw Leszniewski, and Christer Carlsson
- Regional Blood Flow and Cerebral Metabolic Changes during Alcohol Withdrawal and Following Midazolam Therapy. 395
L. Michael Newman, William E. Hoffman, David J. Miletich, Ronald F. Albrecht, Chris Prekezes, and Susan Anderson
- Ventilatory Response to CO₂ Following Axillary Blockade with Bupivacaine. 401
Isabelle Negre, Thierry Labaille, Kamran Samii, and Yvonne Noviant

CONTENTS

(Continued from page 3)

Responses of Recurrent Laryngeal, Hypoglossal, and Phrenic Nerves to Increasing Depths of Anesthesia with Halothane or Enflurane in Vagotomized Cats.	404
<i>Takashi Nishino, Testuo Kohchi, Toshihide Yonezawa, and Yoshiyuki Honda</i>	
Redistribution of Lidocaine and Bupivacaine after Intrathecal Injection in Mice.	410
<i>Claes Post, Jacob Freedman, Carl-Henrik Ramsay, and Agnetha Bonnevier</i>	
Sensitivity of End-tidal Nitrogen in Venous Air Embolism Detection in Dogs.	418
<i>J. Matjasko, P. Petrozza, and C. F. Mackenzie</i>	
REVIEW ARTICLE	
Unexplained Hepatitis Following Halothane.	424
<i>Jeremy G. L. Stock and Leo Strunin</i>	
CLINICAL REPORTS	
Tactile and Visual Evaluation of the Response to Train-of-four Nerve Stimulation.	440
<i>Jørgen Viby-Mogensen, Niels Henrik Jensen, Jens Engbaek, Helle Ørding, Lene Theil Skovgaard, and Bent Chraemmer-Jørgensen</i>	
Cricoid Compression is Effective in Obliterating the Esophageal Lumen in the Presence of a Nasogastric Tube.	443
<i>M. R. Salem, N. J. Joseph, H. J. Heyman, B. Belani, R. Paulissian, and T. P. Ferrara</i>	
Bupivacaine in Children: Pharmacokinetics Following Caudal Anesthesia.	447
<i>Claude Ecoffey, Joelle Desparmet, Martine Maury, Alain Berdeaux, Jean-François Giudicelli, and Claude Saint-Maurice</i>	
Platelet Alpha-adrenergic Receptors Are Not Down-regulated during Cardiopulmonary Bypass.	449
<i>Jonathan R. Zucker and David W. Amory</i>	
Elective Coronary Bypass Surgery without Pulmonary Artery Catheter Monitoring.	451
<i>G. Bashein, Paul W. Johnson, Kathryn B. Davis, and Tom D. Ivey</i>	
Chylothorax Following Celiac Plexus Block.	454
<i>Perry G. Fine and Constantine Bubela</i>	
Two-stage Fiberoptic Nasotracheal Intubation in Infants: A New Approach to Difficult Pediatric Intubation.	457
<i>P. Berthelsen, S. Prytz, and E. Jacobsen</i>	

(Continued on page 7)

CONTENTS

(Continued from page 5)

CORRESPONDENCE

Heel Sores in Association with Prolonged Epidural Analgesia. <i>Charles E. Pither, Craig J. Hartrick, and Prithvi P. Raj</i>	459
An Even Simpler Way to Determine Drug Infusion Rates. <i>E. P. McKiernan</i>	459
A Caution on Vecuronium Priming. <i>Mitchel Sosis</i>	460
Concerning the Acceptability of Awareness during Surgery. <i>J. A. Aldrete and A. J. Wright</i>	460
Health Experiences of Operating Room Personnel. <i>Jay B. Brodsky and Ellis N. Cohen</i>	461
Reply. <i>Richard I. Mazze and John H. Lecky</i>	463
Can Traditional Intubation Be Modified? <i>Simon Gurmarnik</i>	464
Airway Obstruction with Esophageal Monitors in a Patient with Double Aortic Arch. <i>S. S. Moorthy, Kenneth A. Haselby, and Karl D. Stein</i>	465
BOOK REVIEW	466
CLASSIFIED ADS	37
INDEX TO ADVERTISERS	88

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.

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