CONTENTS

Editorial Opinion

What Are You? .......................................................... 1
Vallire D. Hooper

Continuing Education

Perianesthetic Implications and Considerations for Myasthenia Gravis . 4
Virginia C. Muckler, Jennifer M. O’Brien, Stephen E. Matson, and Andi N. Rice

Patients with myasthenia gravis (MG) present with unique risks when undergoing surgery and anesthesia. This continuing education article presents an overview of the impact of MG on the anesthesia trajectory as well as perianesthesia assessment and management recommendations.

Care of the Patient With a Peripheral Nerve Block ................. 16
Oluwatobi O. Hunter, T. Edward Kim, Edward R. Mariano, and T. Kyle Harrison

Perianesthesia nurses play a critical role in the insertion of and ongoing management of patients with peripheral nerve blocks (PNB). This continuing education article provides an overview of the common complications and management of patients with PNBs.

Reimagine Health Care Leadership, Challenges and Opportunities in the 21st Century ........................................................... 27
Esther Lee, JoAnn Daugberty, and Thomas Hamelin

Nursing leadership is the lynchpin underlying nursing satisfaction, retention, and high-quality patient outcomes. This continuing education article provides an overview of human capital management, digital technology, and cost control issues impacting nursing leadership on a daily basis.

Original Articles

Perianesthesia Nurses’ Survey of Their Knowledge and Practice With Obstructive Sleep Apnea ............................................. 39
Andrea M. Erwin, Kim A. Noble, June Marshall, and Susan Cooper

Despite numerous guidelines and recommendations regarding the perianesthetic management of the patient with obstructive sleep apnea (OSA), practice remains inconsistent across the country. This descriptive survey study examined perianesthesia nurses’ knowledge and current practice associated with OSA. Recommendations for education and policy implications are provided.
Using the Electronic Medical Record to Improve Preoperative Identification of Patients at Risk for Obstructive Sleep Apnea .......... 51

Allison B. Stubberud, Richard E. Moon, Brett T. Morgan, and Victoria M. Goode

Recognition of obstructive sleep apnea (OSA) in the preoperative period is critical to the effective management and mitigation of complications. This best practice article describes the implementation of an electronic OSA universal screening process to include an overview of education and evaluation processes.

Utilization of the STOP-Bang Questionnaire as a Standardized Screening Tool for Obstructive Sleep Apnea in Veteran Administration Surgical Patients ............................................................. 60

Kaitlyn E. Bazemore, Michelle Barker, Brett T. Morgan, and Victoria Goode

Obstructive sleep apnea (OSA) impacts an estimated 20% of the adult surgical population. This best practice article describes the implementation of a standardized OSA screening process at a Veteran Administration hospital. Implementation processes and associated outcomes are described.

Preoperative Screening for Obstructive Sleep Apnea and Outcomes in PACU ............................................................... 66

Jill Setaro, Ruth Reinsel, and Dana Brun

Evidence suggests that implementation of clinical practice guidelines should improve patient outcomes in the obstructive sleep apnea (OSA) population. This evidence-based practice project retrospectively examines the impact of an OSA clinical guideline implementation on patient outcome, with a particular focus on extended patient monitoring times.

Preoperative Risk Assessment to Guide Prophylaxis and Reduce the Incidence of Postoperative Nausea and Vomiting ................. 74

John Stephenson Thomas, Ingrid K. Maple, William Norcross, and Virginia C. Muckler

Preoperative determination of postoperative nausea and vomiting (PONV) risk is critical to effective patient management. This quality improvement project describes the implementation of a PONV screening protocol in a gynecological surgical population. Incidence of PONV and prophylactic antiemetic administration pre- and postimplementation are compared.

Cancellation of Surgeries: Integrative Review .......................... 86

Narmeen Al Talalwah and Kimberly H. McIltrot

Surgery cancellations can have significant impacts on surgical schedules and patient satisfaction. This integrative review examines the evidence to determine the most common reasons identified for surgical cancellations. Results indicate that most cancellations are avoidable.

Elective Surgery Cancellations During the Time Between Scheduling and Operation .............................................................. 97

Elina Turunen, Merja Miettinen, Leena Setälä, and Katri Vehviläinen-Julkunen

Day of surgery cancellations are a common indicator of surgical services efficiency, yet the causes of these cancellations are not well elucidated. This study examines reasons, frequencies, and timing of elective surgery cancellations that occur between scheduling and time of surgery.
The Effect of a Parental Visitation Program on Emergence Delirium Among Postoperative Children in the PACU

WooYoung In, Young Man Kim, Hee Soon Kim, SeoHee Hong, YuRi Sub, Yerin Cha, Naeun Kim, JongWon Kim, HyunJi Kang, HyoEun Kwon, YangSoo Kim, and Wyunkon Park

Emergence delirium remains a common postanesthesia care unit complication for the pediatric patient. This quasi-experimental study examines the effects of a parental visitation program on incidence of emergence delirium in a South Korean pediatric population.

Piloting Medication Histories in a Pediatric Postanesthesia Care Unit

Nathan Lake, Humaira Nawer, and Deborah Wagner

Identification of discrepancies between home and inpatient medications is crucial to the prevention of medication errors. This evidence-based practice project describes the implementation of a medication reconciliation project in a pediatric postanesthesia care unit.

Postoperative Pain Management Among Native and Non-native Israeli Citizens—Data From the European PAIN-OUT Registry

Silviu Brill, Haggai Sharon, Anat Yafe, Shoshana Hazan, and Lior Dayan

This retrospective, case-controlled study examined postoperative pain management among native and immigrant Israeli postoperative patients. Opioid consumption, composite pain scores, side effects, and emotional scores are compared.

Literature Review: Assessment of Opioid-related Sedation and the Pasero Opioid Sedation Scale

Katherine R. Hall and Angela Y. Stanley

Opioid-related sedation remains a common complication in the PACU and extended postoperative period. This literature review evaluates the usefulness of the Pasero Opioid Sedation Scale in the clinical setting.

Administration of Oral Acetaminophen to Reduce Costs for the Hysterectomy Patient at a Community Hospital

Kristin M. Blonk, Ashley Davenport, Brett Morgan, and Virginia C. Muckler

Acetaminophen is well recognized as a viable agent in a multimodal pain management protocol. This quality improvement study describes the implementation of an oral acetaminophen protocol for hysterectomy surgery patients. Costs and analgesic impacts were examined.

Difficult Airways: Key Factors for Successful Management

Marius Dabija, Fredrik Fedog, Asa Engström, and Silje Gustafsson

Difficult airway management provides challenges for both experienced and novice anesthesia providers. This qualitative observational study describes the anesthesia provider’s experience of difficult airway management. Key factors to success are also explored.

Developing a Guideline for Endotracheal Suctioning of Adults With Artificial Airways in the Perianesthesia Setting in China

Jiale Hu, Leilei Yu, Lili Jiang, Weijun Yuan, Weitwei Bian, Yuelai Yang, and Hong Ruan

The decision to provide endotracheal suctioning may be driven by instinct as opposed to evidence-based indicators. This article described the development and implementation of an evidence-based endotracheal suctioning protocol in a post-anesthesia care unit in China.
Development and Psychometric Exploration of the Anesthesia Surrendering Instrument .......................................................... 169
Andreas Liebenhagen, Anna Forsberg, and Jimmie Kristensson

The patient experience of anesthesia induction has yet to be well described in the literature. This instrumental cross-sectional design explores the content validity of an instrument designed to measure the anesthesia surrender experience. Common themes are identified and next steps are explored.

Local Anesthetic Systemic Toxicity (LAST): Designing an Educational Effort for Nurses That Will Last ........................................ 180
Wendy Ferguson, Carlana Coogle, Joshua Leppert, and Tamara Odom-Maryon

Local anesthetic systemic toxicity (LAST) is an uncommon but life-threatening complication requiring early recognition and rapid intervention. This evidence-based practice article describes the implementation of an educational program designed to enhance nurses' recognition of this rapidly evolving complication.

Implementation of Enhanced Recovery After Surgery in a Community Hospital: An Evidence-Based Approach ........................................ 188
Michele Persico, David Miller, Cassandra Way, Marsba Williamson, Kate O'Keefe, Dennis Strnatko, and Fay Wright

Enhanced recovery after surgery (ERAS) protocols are rapidly emerging as strategies to safely enhance rapid recovery and discharge in surgical patients. This evidence-based practice article describes the implementation of an ERAS protocol in a community hospital. Length of stay and hospital readmission rates are reported.

Perianesthesia Measurement During Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy Procedure: A Case Report and Review of the Literature ............................................ 198
Dan Li, Richard Henker, and Fei Zhang

Cytoreductive surgery and hyperthermic intraperitoneal chemotherapy may be procedures that are unfamiliar to many postanesthesia care unit nurses. This case study report provides a description of the procedure and explores perianesthesia nursing responsibilities during the recovery period.

EBP: Evidence to Practice
Nurses Reduce Epidural-Related Urinary Retention and Postpartum Hemorrhages .......................................................... 206
Jill Downey, Donna Kruse, and Donna J. Plonczynski

Calendar of Events .............................................................. 210

Informatics and Health Information Technology
Expanding Perianesthesia Practice With Connected Care ............ 211
Matthew D. Byrne

Research News
Postoperative Warming of Children With Hypothermia ............. 216
Mary W. Stewart