

JOURNAL OF PERIANESTHESIA NURSING

August 2019
Volume 34 • Number 4

www.jopan.org

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The purpose of this systematic review and meta-analysis was to identify randomized controlled trials that compare the efficacy of mirtazapine versus placebo or ondansetron in reducing PONV. This meta-analysis suggests that mirtazapine reduces PONV overall versus placebo.

- Laboratory Monitoring and Transfusion Guidelines to Influence Care in Patients Undergoing Multilevel Spinal Fusion Surgery 691
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The purpose of this preimplementation and postimplementation project was to determine whether the use of the modified Northwestern high risk spine protocol in patients undergoing multilevel spinal fusion surgery would result in improved transfusion practices.



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- Effects of Vibration and Cold Application on Pain and Anxiety During Intravenous Catheterization 701
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The purpose of this randomized controlled study was to determine the effects of vibration and cold gel pack application on pain and anxiety levels of patients undergoing intravenous catheterization.

- The Effect of Text Messaging on Medication Adherence After Outpatient Knee Arthroscopy: A Randomized Controlled Trial 710
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The purpose of this randomized controlled trial was to examine if text message reminders can increase postoperative adherence to treatment with acetaminophen among outpatients undergoing arthroscopic knee surgery.

- Nurses' Indications for Administration of Perioperative Intravenous Fluid Therapy—A Prospective, Descriptive, Single-Center Cohort Study 717
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The purpose of this study was to examine whether nurse anesthetists and postanesthesia nurses' administration of intravenous fluid therapy during surgery and in the postanesthesia care unit (PACU) is based on evidence, and secondarily to investigate if providing indications for intravenous fluid administration changed nursing practice.

- Nursing Perceptions and Workload Impact of a Standardized Emergence Delirium Assessment Scale in a Postanesthesia Care Unit 729
Jennifer M. Woelfel, Charles A. Vacchiano, Carolee West, and J. Frank Titcb

Emergence delirium is nearly 1.5 times more common among military than nonmilitary patients. This quality improvement project assesses the feasibility of adopting a population-specific scale, the Emergence Delirium in the Wounded Warrior (ED-WW) Tool.

- Implementation of an Obstructive Sleep Apnea Protocol in the Postanesthesia Care Unit for Patients Undergoing Spinal Fusion Surgery 739
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- Comparison of the Effectiveness of Two Different Methods of Decreasing Pain During Phlebotomy in Children: A Randomized Controlled Trial 749
Şeyda Binay, Elif Bilsin, Gülçin Ö. Gerçeker, Ayşe Kabraman, and Hatice Bal-Yılmaz

The purpose of this randomized controlled trial was to examine the effect of the applications of external cold and vibration and blowing soap bubbles during phlebotomy in children aged between 3 and 6 years. Children were divided into three groups: external cold and vibration group, blowing soap bubbles group, and control group.

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Selda Ögüt and Gülten Sucu Dağ

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Dimitrios P. Korkolis, Ioannis Kaklamanos, Tasoula Siskou, and
Evangelos A. Konstantinou*

The purpose of this prospective cross-correlation study was to determine the perception of postoperative pain intensity between nurses and oncology patients undergoing major abdominal surgery.

Low-Dose Ketamine Infusion to Decrease Postoperative Delirium for
Spinal Fusion Patients 779
*Sarah S. Plyler, Virginia C. Muckler, J. Frank Titch, Dhanesh K. Gupta, and
Andi N. Rice*

The primary aim of this preimplementation and postimplementation project was to decrease the incidence of postoperative delirium after spine surgery. A reduced dose ketamine protocol was implemented for adult patients undergoing elective spinal fusion surgery.

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Antonio Córdoba-Fernández, Jesús González-Benítez, and Adrián Lobo-Martín

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Reed S. Halterman, Mohamed Gaber, Mubammad S. T. Janjua, Gerard T. Hogan, and Sarah M. I. Cartwright

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