

In this issue

Research Article

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Safe Labor Analgesia with Vaginal Submucosal Injection and Pudendal Nerve Block

Published On: July 12, 2016 | Pages: 001 - 013

Author(s): Kazuo Maeda*, Masaji Utsu, Yuichiro Kato, Kei Takehara

Aims: As old paracervical block using Kobak needle (Atom Medical, Tokyo, Japan) abandoned developing fetal bradycardia, new safe vaginal submucosal anesthesia was tried to safely remove labor pain. ...

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Paediatric Analgesia during Inguino-Scrotal Surgery- A Pilot Study

Published On: January 02, 2016 | Pages: 001 - 003

Author(s): Brendan Stern*, Manisha Shah, Kumavel Veerappan, Shirley Chan

Introduction: There are many different analgesic methods used for children undergoing inguino-scrotal surgery. Research suggests that caudal analgesia reduces the need for postoperative pain relief in these children compared with regional techniques but may increase the risk of motor block and urinary retention. This can be problematic given that these procedures are ...

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Review Article

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Oxidative Stress and Opioids

Published On: December 30, 2016 | Pages: 020 - 029

Author(s): Janka Vašková*, Ladislav Koan and Ladislav Vaško

In recent years, research has shown the involvement of free radicals in the development of the pain that accompanies many pathological conditions. In the treatment of acute and chronic pain, the most effective therapies are natural and synthetic opioid alkaloids. Their metabolism in itself may contribute to the formation of free radicals and thus affect body system lo ...

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Case Report

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Elderly Dementia Patient with Recurrent Respiratory Failure due to the Abuse of a Fentanyl Patch: A Case Report

Published On: December 29, 2016 | Pages: 018 - 019

Author(s): Yuki Tateno*

I experienced the case of an elderly patient with dementia who had recurrent respiratory failure due to the abuse of a transdermal fentanyl patch. Opioids have been recently used in patients with moderate-to-severe chronic non-cancer pain and in those with cancer pain in palliative care [1]. ...

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Oxygen-Ozone Treatment in Bisphosphonate Related Osteonecrosis of the Jaw: A Case Report

Published On: October 17, 2016 | Pages: 014 - 017

Author(s): Cicconetti A*, Passaretti A, Zuccarini F, Tordiglione P, Araimo Morselli FSM, Imperiale C, Miracolo G

The bisphosphonate related osteonecrosis of the jaws (BRONJ) is defined as a drug-adverse reaction that involves the maxillary bones. ...

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Emergent Cervical Decompression in a Child with MURCS Association

Published On: March 18, 2016 | Pages: 004 - 005

Author(s): Claude Abdallah*, Leanne Foster

This case report describes an unusual presentation and anesthesia management of a rare genetic association. The MURCS association, a variant of Mayer-Rokitansky-Küster-Hauser syndrome is a rare (1/4500-1/50,000) congenital syndrome, of unknown etiology, consisting of mullerian duct (MU) aplasia, renal (R) aplasia, and cervicothoracic somite (CS) dysplasia. ...

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Editorial

Brain Stimulation and General Anesthesia

Published On: March 24, 2016 | Pages: 006 - 006

Author(s): Carvalho Carmona*, Maria Jose

The use of brain stimulation either without drugs at all or with ones that are currently obsolete for the promotion of general anesthesia [1]. Furthermore, different intensities and time durations of stimulation were reported, making it difficult to compare between studies. ...

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Mini Review

Advanced Techniques to Study Anesthetic Effects on the Nervous System

Published On: April 27, 2016 | Pages: 007 - 010

Author(s): Cheng Wang*

Recently, there has been increased interest and concern regarding the safety of anesthetics on the long-term impairment of the central nervous system (CNS). The field of anesthesia-related toxicology, therefore, has engaged multiple scientific

disciplines in attempt to identify the basic characteristics of the anesthetic agents that produce harmful acute and/o ...

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