Research Article

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. ...

Paediatric Analgesia during Inguino-Scrotal Surgery- A Pilot Study

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

Author(s): Brendan Stern*, Manisha Shah, Kumarvel 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 ...

Oxidative Stress and Opioids
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 ...
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. ...

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. ...

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...