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Exertional rhabdomyolysis and heat stroke: Beware of volatile anesthetic sedation

Karel Heytens, Jan De Bleecker, Walter Verbrugghe, Jonathan Baets, Luc Heytens

Abstract

In view of the enormous popularity of mass sporting events such as half-marathons, the number of patients with exertional rhabdomyolysis or exercise-induced heat stroke admitted to intensive care units (ICUs) has increased over the last decade. Because these patients have been reported to be at risk for malignant hyperthermia (MH) during general anesthesia, the intensive care community should bear in mind that the same risk of life-threatening rhabdomyolysis is present when these patients are admitted to an ICU, and volatile anesthetic sedation is chosen as the sedative technique. As illustrated by the three case studies we elaborate upon, a thorough diagnostic work-up is needed to

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sue breakdown (**rhabdomyolysis**, tumour lysis, haemolysis), metabolic **Beware** of pronouncing death in a hypothermic patient, as cold forms of HS: clas- sic non-exertion heat stroke (CHS) occurring dur- tal muscles to **volatile anaesthetics** and depolaris- Provide **sedation** (neuromuscular paralysis if needed) and ...

European Resuscitation Council Guidelines for Resuscitation 2015 ...ercguidelines.elsevierresource.com/european-resuscitation-council-guidelines-resuscit... ▾

作者: A Truhlář - 2015 - 被引用次数: 50 - 相关文章

The first line treatment for acute asthma is **inhaled** beta-2 agonists while intravenous In severe cases (serum potassium $<2.5 \text{ mmol L}^{-1}$), **rhabdomyolysis**, **Beware** of diagnosing death in a hypothermic patient because hypothermia itself **Exertional heat stroke** (EHS) occurs during strenuous physical exercise in high ...

European Resuscitation Council Guidelines for Resuscitation 2010 ...resuscitation-guidelines.articleinmotion.com/article/S0300...7/fulltext ▾ [翻译此页](#)

作者: J Soar - 被引用次数: 537 - 相关文章

2010年10月19日 - Local **anaesthetics** ... Definition; **Heat stroke** In severe cases (K^+ $< 2.5 \text{ mmol l}^{-1}$), **rhabdomyolysis**, ascending paralysis and respiratory ...

[PDF] Anaesthesia for Medical Studentswww.si.mahidol.ac.th/anesth/rd/sullivan.pdf ▾

sedation. Used infrequently. Achieved with high doses of drop- eridol with a opioid (such as fentanyl) ... Intravenous Anaesthetics or **Inhaled Anaesthetic** Gases,

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作者: J Thomas - 2013 - 被引用次数: 15 - 相关文章

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缺少字词: **beware volatile anesthetic sedation**

The relationship between exertional heat illness, exertional ... - NCBI

www.ncbi.nlm.nih.gov/pubmed/19617585 ▾ [翻译此页](#)

作者: JF Capacchione - 2009 - 被引用次数: 93 - 相关文章

2009年7月17日 - Exertional **heat illness, exertional rhabdomyolysis**, and malignant ... MH in association with **anesthesia**, and not for exertional **heat illness** or ...
缺少字词: **beware volatile sedation**

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2016年1月4日 - classified as either **exertional** or "classic"/non-**exertional**. Other factors can ... **Beware** delay by CT. ... Watch for **rhabdomyolysis**, kidney injury. ... [Pediatric aspects of treating and preventing **heat stroke**.] **anesthetic** needle, before the larger one (a skin nick is sometimes

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Exercise-Induced Rhabdomyolysis and Stress-Induced Malignant ...

<https://www.hindawi.com/journals/tswj/2013/531465/> ▾ 翻译此页

作者: A Carsana - 2013 - 被引用次数: 19 - 相关文章

2013年1月16日 - **Exertional rhabdomyolysis** (ER) and stress-induced malignant ... during general anesthesia, induced by commonly used **volatile anesthetics** and/or the "malignant hyperthermia," "exercise," "**heat stress**," "stress-induced ...

缺少字词: **beware sedation**

Malignant Hyperthermia - Advances in Anesthesia

[www.advancesinanesesthesia.com/article/S0737-6146\(15\)00008-8/fulltext?](http://www.advancesinanesesthesia.com/article/S0737-6146(15)00008-8/fulltext?)... - 翻译此页

2015年9月11日 - When exposed to known triggers, **volatile anesthetics**, or the depolarizing neuromuscular ... of individuals who experience severe exertional **heat stroke** or **exertional**