

**Name of journal:** World Journal of Anesthesiology

**ESPS Manuscript NO:** 18987

**Manuscript Type:** MINIREVIEWS

#### Update in perioperative Anesthetic management of pheochromocytoma

Anju Gupta, Rakesh Garg, Nishkarsh Gupta

#### Abstract

Pheochromocytoma is a tumor that originates from either chromaffincells in <sup>3</sup>adrenal medulla or in other paraganglia tissues of the sympathetic nervous system. The perioperative management is quite challenging especially in view of hemodynamic fluctuations. Pheochromocytoma is challenging in view of the impact of excessive and depleted catecholamines in the perioperative period. It requires a through preoperative evaluation and optimization with meticulous intraoperative management. The postoperative period requires vigilance to prevent any untoward complication. In this review we review these concepts based on recent evidence for an optimal outcome.

**Key words:** Phaeochromocytoma, Anaesthesia, Surgery, Analgesia, Drugs.

**Core tip:** The paper is a comprehensive review of the most important pathophysiological and diagnostic issues, preoperative optimization, and anesthesia management of pheochromocytoma. It describes advanced imaging and biochemical

### Match Overview

1	<b>Internet</b> 125 words crawled on 22-May-2015 <a href="http://www.ajol.info">www.ajol.info</a>	4%
2	<b>CrossCheck</b> 122 words Kinney, M.A.O. "Perioperative management of pheochromocytoma", <i>Journal of Cardiothoracic and Vascular Anesthesia</i>	4%
3	<b>CrossCheck</b> 109 words C. Prys-Roberts. "Phaeochromocytoma--recent progress in its management", <i>British Journal of Anaesthesia</i> , 07/01/2	3%
4	<b>CrossCheck</b> 74 words Lord, M.S. "Perioperative Management of Pheochromocytoma: Focus on Magnesium, Clevidipine, and Vasopressin"	2%
5	<b>CrossCheck</b> 57 words Herbert Chen. "The North American Neuroendocrine Tumor Society Consensus Guideline for the Diagnosis and Man	2%
6	<b>Internet</b> 16 words crawled on 31-Jul-2010 <a href="http://lib.bioinfo.pl">lib.bioinfo.pl</a>	<1%

网页 新闻 图片 视频 地图 更多 ▾ 搜索工具

找到约 3,970,000 条结果 (用时 0.66 秒)

您是不是要找: [Update on Perioperative Anaesthetic management of Pheochromocytoma.](#)

### Recent advances in perioperative anesthetic management ...

[www.ncbi.nlm.nih.gov/pubmed/22762469](http://www.ncbi.nlm.nih.gov/pubmed/22762469) ▾ [翻译此页](#)

作者: A Douglas - 2012 - 被引用次数: 1 - [相关文章](#)

Curr Pharm Des. 2012;18(38):6298-307. Recent advances in **perioperative anesthetic management update** in the **perioperative** support of patients with septic ...

### Anaesthetic Management of Patients With Hip Fractures

[www.medscape.com/viewarticle/811737](http://www.medscape.com/viewarticle/811737) ▾ [翻译此页](#)

Patients with a hip fracture have a relatively high risk of **perioperative** morbidity ... What type of **anesthetic management** can improve outcomes? ... An **Update**.

### Perioperative Management of the Diabetic Patient

[emedicine.medscape.com/article/284451-overview](http://emedicine.medscape.com/article/284451-overview) ▾ [翻译此页](#)

**Perioperative Management** of the Diabetic Patient. Diabetes mellitus (DM) is an ...

**Updated:** Jun 10, 2013 ... A strong grasp of glucose insulin complexities and the effects of **anesthesia** and surgery are essential to optimizing outcomes.

[网页](#) [图片](#) [新闻](#) [视频](#) [购物](#) [更多 ▾](#) [搜索工具](#)

找到约 70,500 条结果 (用时 0.70 秒)

## Google 学术: Update in perioperative anesthetic management of pheochromocytoma

Perioperative management of pheochromocytoma - Kinney - 被引用次数: 190

... : a case report and review of anesthetic management - Dugas - 被引用次数: 45

Pheochromocytoma: an update on genetics and ... - Karagiannis - 被引用次数: 131

### [PDF] Anesthetic Management of Pheochromocytoma - Jaypee ...

[www.jaypeejournals.com/.../ShowText.aspx?...](http://www.jaypeejournals.com/.../ShowText.aspx?...) ▾ [翻译此页](#)

作者: DT Woodrum - 2010 - 被引用次数: 4 - [相关文章](#)

ABSTRACT. The anesthetic management of pheochromocytoma is complicated and challenging. However, preoperative pharmacologic preparation has.

### Anaesthetic management of pheochromocytoma - SlideShare

[www.slideshare.net/.../anaesthetic-management-of-pheochromo...](http://www.slideshare.net/.../anaesthetic-management-of-pheochromo...) ▾ [翻译此页](#)

2012年1月19日 - Anaesthetic Management Of Pheochromocytoma Mohd Faizal

Zainuddin ... and depletescatecholamine intraoperative management- close ...

### [PDF] Review Article Perioperative Management of ...

[www.jpma.org.pk/PdfDownload/1037.pdf](http://www.jpma.org.pk/PdfDownload/1037.pdf) ▾ [翻译此页](#)

作者: ... - 被引用次数: 45 - [相关文章](#)



Update in perioperative anesthetic management of pheochromocytoma



网页 图片 新闻 视频 更多 搜索工具

找到约 69,900 条结果 (用时 0.53 秒)

您是不是要找: Update on perioperative anesthetic management of pheochromocytoma

### Google 学术: Update in perioperative anesthetic management of pheochromocytoma

Perioperative management of pheochromocytoma - Kinney - 被引用次数: 193

... : a case report and review of anesthetic management - Dugas - 被引用次数: 45

Pheochromocytoma: an update on genetics and ... - Karagiannis - 被引用次数: 133

### Anaesthetic management of pheochromocytoma - SlideShare

www.slideshare.net/.../anaesthetic-management-of-pheochromo... 翻译此页

2012年1月19日 - Anaesthetic Management Of Pheochromocytoma Mohd Faizal

Zainuddin ... and depletescatecholamine intraoperative management- close ...

### [PDF] Review Article Perioperative Management of ...

www.jpma.org.pk/PdfDownload/1037.pdf 翻译此页

作者: A Ahmed - 被引用次数: 15 - 相关文章

Perioperative Management of Pheochromocytoma: Anaesthetic Implications. Aliya

Ahmed ... operative and postoperative anaesthetic management in the light of ...

### Implications and considerations during pheochromocytoma ...

www.ncbi.nlm.nih.gov > ... > PubMed Central (PMC) 翻译此页

作者: SJS Bajwa - 2011 - 被引用次数: 23 - 相关文章

Pheochromocytoma is a rare catecholamine secreting tumor arising commonly ...

preparation, intra-operative, and post-operative management of patients with