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SIMILARName of Journal: *World Journal of Cardiology*

ESPS Manuscript NO: 30720

Manuscript Type: Original Article

*Retrospective Cohort Study*

Blood conservation pediatric cardiac surgery in all ages and complexity levels

Mohsen Karimi, Jill M Sullivan, Carrie Linthicum, Anil Mathew

**ABSTRACT**

**AIM:** To demonstrate the feasibility of blood conservation methods and practice across all ages and risk categories in congenital cardiac surgery.

**METHODS:** We retrospectively analyzed a collected database of 356 patients who underwent cardiac surgery using cardiopulmonary bypass from 2010-2015. The patients were grouped into blood conservation (n = 138) and non-conservation (n = 218) groups

**Match Overview**

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### Blood Conservation in Pediatric Cardiac Surgery - Wiley Online Library

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2005年11月1日 - surgery. These strategies will vary depending on patient **age** and type of surgery. The goal of them **all**, however, is the same, namely to minimize exposure to ... serum lactate **levels**, increased total body water) was worse in the lower Hct group.13 ... **Blood Conservation** Methods in **Pediatric Cardiac Surgery**.

### [PDF] Perioperative Blood Transfusion and Blood Conservation in Cardiac ...

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作者: VA Ferraris - 2007 - 被引用次数: 652 - 相关文章

The Society of Thoracic **Surgeons Blood Conservation** Guideline Task Force: ... **level** of evidence, recommendations were made regarding ... of risk: (1) advanced **age**, (2) low preoperative red blood cell ... patients who should receive **all** available preoperative and ..... loopathies, patients scheduled for **complex** procedures.

### Blood conservation operations in pediatric cardiac patients: a ... - NCBI

[www.ncbi.nlm.nih.gov/pubmed/23201105](http://www.ncbi.nlm.nih.gov/pubmed/23201105) ▾ 翻译此页

作者: M Karimi - 2013 - 被引用次数: 16 - 相关文章

2012年11月30日 - **Blood conservation** operations in **pediatric** cardiac patients: a paradigm shift of blood use. ... (1)Department of Surgery, Division of **Pediatric Cardiothoracic Surgery**, Georgia ... There were no statistical differences in **age**, sex, weight, and preoperative or postoperative hemoglobin **levels** in the BV groups.

### [PDF] Congenital Heart Center Outcomes - NewYork-Presbyterian

[www.nyp.org/documents/pediatrics/Outcomes-Congenital-Heart-Center.pdf](http://www.nyp.org/documents/pediatrics/Outcomes-Congenital-Heart-Center.pdf) ▾ 翻译此页

lowest mortality rate in New York State for **pediatric heart surgery**, and one of ... to the treatment of **complex** heart conditions in children of **all ages** - from ... surgeons, intensivists and laboratory



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作者: SP Singh - 2016

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[https://www.scahq.org/files/STS-SCA\\_Transfusion\\_Guideline.pdf](https://www.scahq.org/files/STS-SCA_Transfusion_Guideline.pdf) ▼作者: VA Ferraris - 2007 - 被引用次数: 666 - [相关文章](#)

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### [PDF] Blood Conservation in Pediatric Cardiac Surgery - Finnanest

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### Strategies for blood conservation in pediatric cardiac surgery - NCBI

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作者: SP Singh - 2016

The number of children undergoing **complex** surgeries for congenital heart ... CHALLENGES FOR **BLOOD CONSERVATION IN PEDIATRIC AGE GROUP** ... The strategies for conserving blood in children undergoing **cardiac surgery** are listed in Table 1. .... Due to its anti-inflammatory effect, there is a decrease in the **level** of ...

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323. **Blood Conservation in Pediatric Cardiac Surgery**. William C. Oliver, Jr. Bleeding and ... less than 2 years of **age** and neonates. Excessive ... lity, and costs. A **blood conservation** strategy is be- ... **complexity** of surgery, hypothermic circulatory arrest, and ... (TEG), platelet count, and fibrinogen **level**, PT and. APTT can be ...

### [PDF] Perioperative Blood Transfusion and Blood Conservation in Cardiac ...

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