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Observational Study

Endothelin-1 activation in pediatric patients undergoing surgical coarctation of the aorta repair

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Abstract

Aim: To determine endothelin-1 (ET-1) concentration before and after surgical coarctectomy and evaluate its association with left ventricular geometric change.

Methods: A prospective, cohort study of 24 patients aged 2 days to 10 years with coarctation of the aorta undergoing surgical repair. A sub-cohort of patients with age <1 month was classified as "neonates". Echocardiograms were performed just prior to

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Repair of coarctation of the aorta in infants weighing less than 2 ...

<https://www.ncbi.nlm.nih.gov/pubmed/16798207> - 翻译此页

作者 : CD Sudarshan - 2006 - 被引用次数 : 59 - 相关文章

(1)Cardiac Surgery Unit, Royal Children's Hospital, Parkville, Victoria, ... reviewed our experience in aortic coarctation repair on infants weighing less than 2 kg to evaluate the results and assess the rate of recoarctation in this group of patients.

缺少字词 : endothelin activation undergoing

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缺少字词 : endothelia

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<https://www.ncbi.nlm.nih.gov/pubmed/23850909> - 翻译此页

作者 : MI Brown - 2013 - 被引用次数 : 78 - 相关文章

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Optimal management of renal artery fibromuscular dysplasia

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28 Jul 2014 ... Results of open surgery for fibromuscular dysplasia in adults ... This triggers mechanisms such as increased production of endothelin-1, local activation of the ... 5%–12% of pediatric patients with FMD undergoing open surgery.9,78,88 ... of hypertension in children after thoracic aortic coarctation and renal ...

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缺少字词: **endothelin activation**

[PDF] Evaluation of Endothelin-1 and Von Willebrand Factor as Biomarkers ... applications.emro.who.int/imemrf/...j_Pediatrics/2005_19_2_271.pdf ▼ 翻译此页

作者: MA El-Fatah - 2005 - 相关文章

Biomarkers of Pulmonary Hypertension in **Children** with Congenital ... This study was done to delineate the role of **endothelin-1** (ET-1) and von Willebrand factor (VWF) in the ... **activation** of ET-1 system has been demonstrated in ... VSD + **coarctation of aorta** **patients undergoing** cardiac **surgery** in the presence of.

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cardiothoracicsurgery.wustl.edu/en/Pediatric/Coarctation-of-Aorta ▼ 翻译此页

In **patients** with **coarctation of the aorta**, the body develops alternative pathways ... About 50% of the **children** who **undergo** coarctation **repair** are treated within the first ... Chylothorax happens in about 1-2% of cases; if