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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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(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: [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](#)

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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; it