Pediatrics Research Directory

Perinatal/Neonatal Case Presentation

Hyperbaric oxygen in treatment of neonatal arterial thromboembolism of lower extremities J Wiebers1, I Purdy1, M Lieber2 and V Milisavljevic1

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Abstract

Arterial thromboembolism (TE) in the absence of current or recent history of a central catheter is a rare condition in newborn period. We report a case of severe lower extremities arterial TE of unclear etiology in a full-term neonate. By adding hyperbaric oxygenation to thrombolytic and antithrombotic therapy, we achieved improved perfusion of the upper leg tissues, preserving the knee and enabling below-the-knee amputation.

Keywords:

hyperbaric oxygen, thromboembolism in newborn

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