

Cardioversion Medical or Electrical Cardioversion in Non-benign Supraventricular tachycardia in the NICU, when is time to act?

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Abstract

Within the range of alterations that may occur in the perinatal period, we find the phenomenon known as arrhythmias: that is, lack in the regulation or alteration of the frequency of heartbeats or a variety of rhythm disturbances, Considering mostly benign and transient in the pediatric patient can be documented in 1 in 1000 children frequency that varies in the newborn of 1 - 10% on the first days of extrauterine life.

In critically ill newborns hospitalized in the Neonatal Intensive Care Units, arrhythmias increase their mortality. Being very frequent their presence mainly type supraventricular tachycardia. The objective In this presentation, is to identify disturbance of the rhythm type Supraventricular tachycardia, which requires treatment,? And when it is necessary to use electrical cardioversion.

We will present Cases, follow-up and review of the literature. We must to remember: in the neonatal group, their natural history differs from other age groups, as previously mentioned, supraventricular tachycardias that are mostly benign and occur in susceptible patients, but we should keep in mind that when it is not possible to reverse the rhythm disorder with conservative and /or pharmacological management, and finding the patient with hemodynamic instability, the use of electrical cardioversion should be assessed, with an electrocardiographic record, and evaluation by pediatric cardiology should be carried out, as well as follow-up and chronic treatment to this patients.

Biography:

Dr. Maria Bertha Romo Almanza, completed her postgraduate degree in Neonatology at the National Institute of Perinatology, in Mexico City, completing this specialty at 30 years edge (2009), previously she has a specialty in Pediatrics at the Children's Hospital in Saltillo Coahuila. currently she is Chief in charge in Neonatology Intensive Care Unit at the Guadalupe Victoria Maternity and Child Hospital of Atizapan de Zaragoza, Mexico. Previously she was Chief in charge in NICU at Star Médica Luna Parc Cuautitlan Izcalli, where he continues his private practice. She has published articles in international Journals.

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