

MPN-5

Nursing management in the department of surgical treatment of complex cardiac rhythm disturbances and cardiac pacing

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Background:

The range of surgical interventions for the treatment of different types of rhythm disturbances is constantly expanding. Except catheter ablations and pacemaker and ICD implantations we implemented video assisted thoracoscopic (VATS) technology such as sympathectomy and pacemaker implantation in hybrid operation room. Each new method requires correction of the nurse preparation plan and it is important to manage the nursing care in the most efficient way.

Objective:

The aim of this work is to describe our basic nurse approach to the preparation of the child for surgical intervention, nurse care during procedure and the algorithm of nurse anesthesia plan.

Methods:

We describe the most significant steps which we use for preoperative preparation of the operating room and the preparation of the special surgical instruments and anesthetic equipment. In this topic we focus on the details of these stages in pediatric patients. We describe the peculiarities of the nursing approach at the main stage of surgical intervention in pediatric patients.

Results:

We demonstrated our own approach of nursing in various surgical interventions which we used to cure different heart rhythm disorders including life-threatening arrhythmias in children.

Conclusion:

Our approach in preparing for surgery, the features of surgical nursing at the main stage shorten the time of surgical procedure and reduces the risks of postoperative complications.