

When A Child With A Chronic Condition Needs Surgery

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- I. Session Summary
The importance of pre-operative evaluation and preparation of children scheduled for surgery has long been recognized. Less well documented is the science relating to pre-operative preparation and evaluation of children with chronic conditions and/or special needs who not only face the risks associated with anesthesia and surgery, but also the additional risk related to the chronic condition. This session will enable PNP's to incorporate the emerging science of pre-operative evaluation and preparation of children with chronic conditions into their practice.

- II. Objectives:
 - A. Discuss the goals of preoperative evaluation and preparation.
 - B. Describe the risks and management of selected childhood chronic conditions in preparation for anesthesia and surgery.
 - C. Identify areas for future research.

- III. Pre-operative Evaluations
 - A. Goals
 1. Evaluate the child's health status
 2. Formulate a plan of care
 3. Communicate patient management issues effectively
 4. Initiate an anesthetic plan
 - B. Outcomes
 1. Introduce the child & family to the process; answer questions
 2. Psychological preparation
 3. Discuss pain management
 4. Establish trust

- IV. History
 - A. Medical
 - B. Surgical
 - C. Allergies
 - D. Medications & herbal products
 - E. Family

- V. Physical
 - A. Airway
 - B. ASA status

- VI. Psychological Preparation
- VII. Family Teaching
 - A. Process
 - A. Fasting
- VIII. Chronic Conditions & Surgery Risks & Management
 - A. Asthma
 - B. Bronchopulmonary Dysplasia
 - C. Cerebral Palsy
 - D. Cystic Fibrosis
 - E. Developmental Delay
 - F. Diabetes
 - G. Down's Syndrome
 - H. Duchenne Type Muscular Dystrophy
 - I. Former Preterm Infant
 - J. Obesity
 - K. Obstructive Sleep Apnea
 - L. Seizure Disorder
 - M. Sickle Cell Disease
- VIII. Post-operative
 - A. Goals
 - B. Family
 - C. Child – behavior
- IX. Conclusions/Questions and Answers

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