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Oral Presentation

CPR, Airway Management and Anesthesia in Children Injured in Road Accidents

Alireza Mahdavi*

Anesthesiology and Intensive Care Department, Shahid Beheshti University of Medical Sciences, Tehran, Iran

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Abstract

Many of injured children will require surgical treatment with involvement of the anesthesiologist. The anesthesia providers may have to take care of pediatric patients on following occasions:

- 1. Initial stabilization in the emergency department
- 2. Providing sedation and monitoring for imaging
- 3. Preoperative management of emergent surgical procedures such as laparotomy or craniotomy
- 4. Management of semi elective surgeries after initial stabilization such as long bone fracture fixations
- 5. Intensive care unit management of these patients
- 6. Pain control during hospitalization, especially using regional analgesia

Therefore, anesthesia providers should be familiar with the principles of management of pediatric trauma as well as with age-related specific anatomical and physiological aspects of trauma care.

- Anesthetic management
- Preoperative evaluation and management
- Airway assessment and management
- Intraoperative management
- Intraoperative fluid management
- Temperature control
- Emergence and postoperative period.

Keywords: Sedation, Pediatric, Anesthesiologist.

*Corresponding Author: Alireza Mahdavi

E-mail: alirezamahdavi78@yahoo.com