

Session 2. Quality Improvement

Unplanned ICU Administration: Characteristics and Outcome

Learning Objectives:

1. The prevalence of unplanned ICU admission after general anesthesia in the pediatric population ranges from 0.1% to 0.6%. The most common reason for unplanned ICU admissions is anesthesia-related, mainly due to perioperative respiratory adverse events.
2. The overall prevalence of unexpected ICU admissions after general anesthesia in our institution was 0.23%. Of these admissions, 19% were preventable and 33% were predictable, and most of the preventable admissions were for anesthesia-related events.
3. Meticulous preoperative risk assessment and planning as well as effective communication between all perioperative team members are keys to improving patient safety.

