

Sedation & Analgesia in Mechanical Ventilated Children

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Why do we need sedation?

Goals of Procedural Sedation

- * Guard the patient's safety and welfare
- * Minimize physical discomfort or pain
- * Minimize negative psychological responses to treatment
- * Control behavior

Goals of Sedation in Mechanical Ventilated Child

- * Guard the patient's safety and welfare
- * Minimize physical discomfort or pain
- * Minimize negative psychological responses to treatment
- * Control behavior
- * Patient-ventilator synchrony
- * Prevent unplanned extubation

SYSTEMATIC REVIEW

Risk factors of ventilator-associated pneumonia in pediatric intensive care unit: a systematic review and meta-analysis

Bo Liu*, Song-Qin Li*, Su-Ming Zhang, Ping Xu, Xiang Zhang, Yan-Hong Zhang, Wen-Sen Chen, Wei-Hong Zhang

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- * Nine articles
- * Cohort study or case-control study
- * Critical PICU patients with mechanical ventilation for 48 h or more
- * Study outcome: risk factors of VAP

Liu B, et al. Journal of Thoracic disease. 2013