

عنوان مقاله:

Clinical Experiences of the Adaptive Support Ventilation Mode in Cardiac Surgery Patients

محل انتشار:

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خلاصه مقاله:

Introduction: The Adaptive Support Ventilation (ASV) mode is one of the most advanced ventilation modes. Examining the available scientific texts which analyze the various results of applying this mode, would improve the cardiac surgery patients' conditions undergoing this mode. This study has been accomplished in order to recognize clinical experiences in using this mode in cardiac surgery patients. **Design & setting:** In this systematic review data banks such as PubMed, Science Direct, High Wire, Ovid and ProQuest and the Google Scholar searching motor were used. The chosen articles were limited to English language ones. Also the chosen articles were from 1994 to the end of 2013. The used key words were cardiac surgery, ASV, weaning, ICU and clinical experiences. **Participants & Interventions:** Based on the relation between the papers and the question of the study and the expert's opinion of the research group, the related papers have been chosen and analyzed. **Measurements and Main Results:** Among 105 papers which were found at the end of searching in the data banks, 8 completely related papers were chosen. The only variable that had commonly been considered in all of them was the patients' disconnection time from the mechanical ventilator. The other four variables included intubation time, patients' ICU and hospital stay, sedative requirements and numbers of ABGs. **Conclusions:** The results indicate that ASV is a user friendly ventilation mode and can decrease both patients' ICU & hospital stay and health care expenses due to the decreased intubation time. Related studies to this research are limited so this means more considerations in this background are suggested.

کلمات کلیدی:

Adaptive Support Ventilation mode; cardiac surgery; clinical experiences

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