

29th International Conference on **Pediatric Nursing & Healthcare**
&
31st World Congress on **Advanced Nursing Practice**
August 16-17, 2018 | Madrid, Spain

The effect of perioperative warming measures for major abdominal surgery on postoperative hypothermia

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Aim: The aim of the study was to determine the effect of perioperative warming measures for major abdominal surgery on postoperative hypothermia.

Setting: The current study was conducted in operating room at Emergency Hospital of Menoufia University, Menoufia Governorate.

Subjects: A purposive sample consists of 100 adult patients undergoing major abdominal surgery were randomly divided and assigned alternatively into two equal groups; 50 for each group.

Tools: Three tools were used for data collection. Structured interview questionnaire, knowledge assessment sheet, perioperative assessment sheet, and shivering scale.

Results: There was a highly significant difference between study and control groups regarding mean perioperative temperature at all times of interval of measurements $p < 0.001$. Also there was a highly significant difference between study and control groups concerning postoperative shivering $P < 0.001$.

Conclusions: Usage of perioperative warming measures for major abdominal surgery has a positive effect on the prevention of postoperative hypothermia and shivering.

Recommendations: All staff of surgical nurses should be encouraged to be familiar with perioperative warming measures and use these measures in order to maintain perioperative normothermia and prevent postoperative hypothermia.

Biography

Amal sayed Shehata Occupation: Professor at the Department of Medical surgical nursing and the Under Secretary for Community Service and Environmental Development. Assistant Professor, Department of Nursing & Nursing, Faculty of Nursing, Menoufia University, 2010, Professor, Department of Medical Surgery, College of Nursing, Menoufia University, 28/9/2015 Acting as the Vice Dean for Community Services and Environmental Development from the academic year 2010 to 2015. Head of the Department of Nursing Health of Adults Faculty of Nursing University of Menoufia from 2011 until 2013, Vice Dean for Community Services and Environmental Development from 5/10/2015 until.

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