Perioperative shivering

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Abstract
Shivering is one of sequelae of perioperative hypothermia. To understand mechanism of shivering, it is important to understand physiology of thermoregulation during general anaesthesia and neuroaxial anaesthesia. Several drugs as cholinomimetics, Biogenic monoamines peptides, Antieptic agents, cations and NMDA receptor antagonists have modulates effect on shivering. Meperidine still has an unique effects as antishivering drugs. Management of Shivering includes perioperative control of hypothermia and use of antishivering drugs. Also, Amino acids containing solutions have antishivering effects.

Keywords
Thermoregulation, perioperative shivering, hypothermia, Antishering drugs, Management of shivering,