

Prevention of Post-Spinal Anesthetic Shivering in TUR-P by Nalbuphine Hydrochloride

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The effectiveness of intravenous nalbuphine hydrochloride for prevention of post-spinal anesthetic shivering was studied in seventy-five patients scheduled for elective TUR-P. The patients were divided in three groups by random. Group A were not given any premedication drug. Group B were given 0.1 mg/kg. nalbuphine HCl intravenously and group C were given intravenous midazolam or diazepam 5-10 mg. Both nalbuphine HCl and benzodiazepines significantly reduced the incidence of post-spinal shivering. There were no untoward effect produced by each drug.

Key words : Spinal anesthesia, shivering, nalbuphine HCl, benzodiazepines.