

经皮穴位电刺激辅助全麻对老年 胃肠道手术患者的效用研究

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摘 要:目的 研究 TEAS 辅助全麻对老年胃肠道手术患者的影响。方法 按标准选取 90 例样本, 均分为 T 组和 Q 组, 两组均进行常规全身麻醉, T 组在此基础上加用 TEAS 法, 记录并比较两组患者 5 个不同时间段内静脉血中 β -EP、Cor、Glu 水平及手术前后七氟烷的吸入浓度及术后苏醒时间和不良反应发生情况。结果 T 组患者在进行 β -EP 水平比 Q 组明显升高 ($P < 0.05$), Cor、Glu 水平较平稳, 而 Q 组升高较明显, T 组麻醉药物用量较 Q 组少, 且术后苏醒时间短, 不良反应少, 差异较显著。结论 对老年患者进行腹腔镜下胃肠道手术时, 采用 TEAS 辅助全麻可有效调动机体自身的镇痛机制, 减少麻醉药物用量, 有效避免不良反应的发生, 整体缩短了术后苏醒时间, 加快了恢复速度, 目前是老年人手术的最佳选择。

关键词: TEAS; 全身麻醉; 老年; 胃肠手术; 效用

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Research on the Effect of TEAS – assisted General Anesthesia on Elderly Patients with Gastrointestinal Surgery

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Abstract Objective: To research into the effect of TEAS – assisted general anesthesia on elderly patients with gastrointestinal surgery. **Method:** According to the standard, 90 samples were selected and divided into group T and group Q. Both groups underwent general anesthesia, and TEAS method was applied to T group additionally. The levels of β -EP, Cor, Glu in venous blood in 5 different time periods, the inhalation concentration of sevoflurane before and after surgery, the recovery time and adverse reactions were recorded and compared between two groups **Conclusion:** The level of β -EP in group T was significantly higher than that in group Q ($P < 0.05$), the level of Cor and Glu was relatively stable in group T, while the increase in group Q was more obvious. The amount of anesthetic used in group T was less than that in group Q, and there was a shorter recovery time and fewer adverse reactions, the difference is more significant. **Conclusion:** For elderly patients undergoing gastrointestinal surgery, the use of TEAS – assisted general anesthesia can effectively mobilize the body's own analgesic mechanism to reduce the amount of anesthetic drugs, effectively prevent the occurrence of adverse reactions, shorten recovery time overall and speed up the recovery, so it is currently the best choice for elderly patients undergoing such surgery.

Key words TEAS; general anesthesia; elderly; gastrointestinal surgery; effect

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