

自制气囊对俯卧位全麻手术患者头面部皮肤状况的影响

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摘要:目的 探讨自制气囊在俯卧位全麻手术患者头面部压疮预防中的作用。方法 选择2014年1—12月于上海交通大学附属第六人民医院南院施行全身麻醉后俯卧位手术的患者60例,随机分成观察组和对照组各30例。两组患者行全身麻醉后,对照组直接将患者头面部固定于敷有软垫的传统马蹄形支架上;观察组在此基础上在支架上方及两侧增加气囊应用。比较两组患者术中1 h、2 h、3 h头面部皮肤红斑、压痕情况,以及术后1 h头面部疼痛不适感。**结果** 术中1 h、2 h、3 h,观察组患者皮肤压痕、红斑发生率及术后1 h疼痛不适感均低于对照组(P 均 <0.05)。**结论** 输液袋自制气囊对俯卧位全身麻醉手术患者头面部压疮预防有显著作用。

关键词:手术;俯卧位;全身麻醉;气囊;压疮

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Effect of self-made gasbag head and face skin in patients with prone positional operation after general anesthesia (South Campus of Shanghai Sixth People's Hospital, Shanghai Jiao Tong University, Shanghai 201499, China)

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Abstract: Objective To analyze the effect of gasbag made of infusionbag head and face skin in the patients with prone positional operation after general anesthesia. **Methods** From January to December 2014, a total of 60 patients undergoing prone positional operation after general anesthesia were chosen from South Campus of Shanghai Sixth People's Hospital, Shanghai Jiao Tong University. They were randomly divided into the experimental group and control group (30 cases in each group). The traditional horseshoe-shaped cushion was used to fix head and face in the control group. The gasbag made of infusionbag was added to the top and two sides of the bracket in the experimental group. The patients' skin indentation and redness at 1 h, 2 h and 3 h during operation and pain at 1 h after operation were recorded. **Results** Compared with the control group, the experimental group had less skin indentation and redness at 1 h, 2 h and 3 h during operation, and less pain at 1 h after operation ($P < 0.05$). **Conclusion** The gasbag made of infusionbag can effectively prevent the pressure ulcer of head and face in the patients with prone positional operation after general anesthesia, which has applicative value in clinic.

Key Words: Operation; Prone position; General anesthesia; Gasbag; Pressure ulcer

俯卧位是脊柱、颅脑外科手术中最常用的体位,具有切口不易偏离中线、视野暴露充分、便于医师操作等

优点。但此体位可造成患者生理学的改变,易导致循环、呼吸障碍,神经损伤和皮肤压疮等并发症。颈椎后路手术因其手术部位的特殊性,在手术时需要用头架来支撑患者的头面部,手术中患者面部受压时间长,术中又较难变换位置,颈部的手术操作也可间接造成面部的压力,稍微不慎后果十分严重^[1]。其中以头面部发生皮肤压力性溃疡及眼部并发症较多且严重^[2]。因

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