

超大剂量盐酸羟考酮缓释片与硫酸吗啡缓释片治疗重度癌痛对相关血清指标影响的对比研究

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Title: Comparative study on the effect of large dose of oxycodone hydrochloride prolonged-release tablets and morphine sulfate sustained-release tablets for the treatment of severe cancer pain related serum indexes

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摘要: 目的: 探讨超大剂量盐酸羟考酮缓释片与硫酸吗啡缓释片治疗重度癌痛对相关血清指标的影响, 为临床癌痛诊治提供参考。方法: 选取我院于2015年10月至2017年10月收治的192例癌痛患者为研究对象, 以住院号单双随机分成2组, 其中对照组96例给予硫酸吗啡缓释片治疗, 试验组96例给予盐酸羟考酮缓释片治疗。对比两组治疗前后疼痛积分改善情况、血清指标及临床疗效。结果: 两组治疗后疼痛积分均优于治疗前, 血清指标P物质、 β -内啡肽、5-羟色胺均改善明显, 且试验组各疼痛积分及血清学指标均优于对照组($P < 0.05$); 试验组治愈率29.17%、总有效率91.67%, 对照组治愈率14.58%、总有效率72.92%, 试验组优于对照组($P < 0.05$)。结论: 与硫酸吗啡缓释片对比, 超大剂量盐酸羟考酮缓释片治疗重度癌痛, 可有效改善患者疼痛积分, 促进其血清学指标恢复正常, 有利于治疗。

Abstract: Objective: To explore the effect of hyperdosing oxycodone hydrochloride prolonged-release tablets and morphine sulfate sustained-release tablets on the serum index of severe cancer pain, providing reference for the diagnosis and treatment of clinical cancer pain. Methods: A total of 192 cases of cancer pain treated in our hospital from October 2015 to October 2017 were selected as study subjects, and randomly divided into two groups, including 96 cases of the control group receiving morphine sulfate sustained-release tablets, and 96 cases of the experimental group receiving oxycodone hydrochloride prolonged-release tablets. The improvement of pain score, serological index and clinical efficacy were compared between the two groups before and after treatment. Results: After treatment, the pain scores of the two groups were superior to those of the control group, and the serum markers of substance P, β -endorphins and 5-hydroxytryptamine were significantly improved, and the pain scores and serum indexes of the experimental group were superior to those of the control group ($P < 0.05$). The cure rate of the experimental group was 29.17%, the total effective rate was 91.67%, the cure rate of the control group was 14.58%, and the total effective rate was 72.92%, the experimental group was better than the control group ($P < 0.05$). Conclusion: Compared with morphine sulfate sustained-release tablets, oxycodone hydrochloride prolonged-release tablets can effectively improve the pain score of patients, promote the recovery of their serologic indexes and facilitate the treatment effect.

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