



G-CSF 与GM-CSF 联合用药治疗化疗后骨髓抑制的比较

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Comparison between Combination of G-CSF and GM-CSF in Patients With Arrest of Bone Marrow Caused by Chemotherapy

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摘要

目的 了解联合应用G-CSF和GM-CSF治疗Ⅱ度及以上化疗后骨髓抑制的可行性和安全性以及不良反应。方法84例确诊的恶性肿瘤化疗后出现Ⅱ度及以上骨髓抑制的患者,随机单盲分为G-CSF组(G组:n=28,G-CSF150μg/d皮下注射),GM-CSF组(GM组:n=28,GM-CSF150μg/d皮下注射),联合用药组(G/GM组:n=28,G-CSF75μg/d和GM-CSF75μg/d皮下注射)。观察:(1)用CSF后WBC恢复正常所需天数;(2)停用CSF48h后WBC计数;(3)停用CSF48h后PLT计数;(4)不良反应发生率。结果 三组患者用药后均能有效提升白细胞。在WBC恢复正常天数上GM组明显长于G组和G/GM组(P<0.05);停药48h后WBC计数GM组和G/GM组明显高于G组(P<0.05);停用CSF48h后PLT计数GM组和G/GM组明显高于G组(P<0.05)。三组不良反应发生率接近,组间比较无显著性差异。结论 G-CSF和GM-CSF联合用药能安全、有效地治疗化疗后骨髓抑制,可避免单独用药的弊端,是化疗后骨髓抑制的有效治疗方法。

关键词: 集落刺激因子 化疗 联合治疗 骨髓抑制

Abstract: Objective To investigate the safety, feasibility and adverse reaction of combination of G-CSF and GM-CSF in patients with II degree and above arrest of bone marrow caused by chemotherapy. Methods 84 patients with definite malignant tumor and II degree and above arrest of bone marrow caused by chemotherapy were enrolled into a single-blinded and random study: G-CSF group (G group, n = 28, G-CSF 150μg/d subcutaneous injection), GM-CSF: group (GM group: n = 28, GM-CSF 150 μg/d subcutaneous injection), combination drugs group (G/ GM group, n = 28, GM-CSF 75 μg/d and GM-CSF 75 μg/d subcutaneous injection). Observation items: (1) the days of WBC normalization after CSF application; (2) WBC count after 48 hours withdrawal of CSF; (3) PLT count after 48 hours withdrawal of CSF; (4) incidence rate of adverse reaction. Results Leukocyte count in three groups increased. The days of WBC normalization in GM group were longer than that in G group and G/ GM group (P < 0.05). WBC count after 48 hours withdrawal of CSF in GM group and G/ GM group was obviously more than that in G group (P < 0.05). Incidence rate of adverse reaction in three groups was approximate and there was no significant difference between groups. Conclusion Combination of G-CSF and GM-CSF was an effective and safe treatment to be applied in patients with arrest of bone marrow caused by chemotherapy, and it could reduce the defect of single application.

Key words: Colony stimulating factor (CSF) Chemotherapy Combined treatment Arrest of bone marrow

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- [1] 廖家华;林焕新;孙健;孙蕊;郭灵; . 多西紫杉醇在荷人鼻咽癌裸小鼠的时间化疗研究[J]. 肿瘤防治研究, 2012, 39(1): 18-22.
- [2] 童皖宁;张军;卓安山;曹玉书 . 伽玛刀联合培美曲塞/卡铂同步治疗局部晚期非小细胞肺癌的临床观察[J]. 肿瘤防治研究, 2012, 39(1): 81-84.
- [3] 张金标;郑 航;尤长宣;何本夫;罗荣城. 肿瘤标志物CEA和CYFRA21-1在晚期肺癌中的临床价值[J]. 肿瘤防治研究, 2012, 39(1): 98-99.
- [4] 穆晓峰;王迎选;俞立权;宁健;曹京旭;史铭;付淑云;宋薇;李韧 . 血清CA19-9、CEA、CA125动态变化在判断胰腺癌同期化疗患者疗效及预后中的应用[J]. 肿瘤防治研究, 2011, 38(9): 1038-1041.
- [5] 阿迪力·萨来;帕提古力·阿尔西丁;刘翼;张国庆;庞作良 . 新辅助化疗对局部晚期非小细胞肺癌术后生存率的影响 [J]. 肿瘤防治研究, 2011, 38(9): 1058-1061.
- [6] 曾凡玉;谭文勇;徐姣珍;魏来;徐红斌;胡德胜 . 63例 I ~III期肾细胞癌患者术后辅助治疗疗效及预后因素分析[J]. 肿瘤防治研究, 2011, 38(9): 1062-1065.
- [7] 金立亭;原俊;温固. 乳腺癌术中植入缓释氟尿嘧啶间质化疗的临床研究[J]. 肿瘤防治研究, 2011, 38(9): 1076-1077.
- [8] 吴新红;冯尧军;潘翠萍;许娟;钟伟;邵军;马彪 . 乳腺癌患者新辅助化疗前后HER-2表达的变化[J]. 肿瘤防治研究, 2011, 38(8): 930-932.
- [9] 王秋明;林英城;林雯;王鸿彪;林文熙;林穗玲 . 吉西他滨联合顺铂一线治疗晚期NSCLC的疗效及相关因素分析[J]. 肿瘤防治研究, 2011, 38(8): 940-943.
- [10] 武海松;邢磊;袁野 . 改良FOLFOX方案时辰化疗治疗晚期胃肠癌的临床观察[J]. 肿瘤防治研究, 2011, 38(8): 944-946.
- [11] 王居峰;张艳玲;刘文静;侯新芳;李克;徐淑宁 . 伊立替康联合顺铂二线治疗晚期胃癌[J]. 肿瘤防治研究, 2011, 38(7): 817-819.
- [12] 许涛;景红霞;曹风军;李林均;邓守恒;雷金华;俞远东;陈萍. 局部晚期非小细胞肺癌三维适形放疗加培美曲塞卡铂同期化疗的疗效分析 [J]. 肿瘤防治研究, 2011, 38(7): 848-849.
- [13] 于卫卫;王华庆;钱正子;崔秀珍;郝希山 . 原发纵隔大B细胞淋巴瘤的临床特征及治疗分析[J]. 肿瘤防治研究, 2011, 38(6): 647-650.
- [14] 张明川;梅同华;厉明;李长毅;盛伟利;李胜;谢华 . 持续小剂量化疗对A549肺癌生长及VE-Cadherin的影响[J]. 肿瘤防治研究, 2011, 38(6): 624-627.
- [15] 张梅春;赵子文;曾军;刘朝晖 . 康艾注射液辅助化疗对晚期非小细胞肺癌患者血清VEGF表达的干预作用[J]. 肿瘤防治研究, 2011, 38(5): 545-547.

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