

中药水蛭素对微循环及体液免疫的影响

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中文摘要: 目的研究中药水蛭素的作用机制, 为临床提供理论依据。方法分别取小鼠44只、48只, 随机分成4组, 每组11只、12只。模型对照组给予生理盐水, 阳性对照组给予活化丹, 实验组分别给予不同剂量的中药水蛭素。连续灌胃用药5天、8天, 小鼠尾静脉注射垂体后叶素使血流速度减慢, 腹腔注射绵羊红细胞 (SRBC) 进行免疫。取血、离心处理后, 显微视像循环仪测定小鼠耳廓动脉的血流变化, 分光光度计测定HC50值。结果中药水蛭素能加快小鼠耳廓的血流速度, 提高小鼠血清溶血素抗体的水平。结论中药水蛭素具有促进微循环的作用, 同时对小鼠的体液免疫具有显著的影响。

中文关键词: [中药水蛭素](#) [微循环](#) [体液免疫](#)

Effect of the CMH on Microcirculation and Humoral Immune

Abstract: Objective To study the effects of the CMH on microcirculation and humoral immune, provide an academic basis for clinical treatment. Methods Forty-four and forty-eight mice were divided into four groups. Every group have eleven or twelve. Physiological saline was used in model control group, activation boluses in positive group, and different doses of the CMH in experimental group. Drugs were intragastrically administered to mice continuing five and eight days, injected hypophysin via tail vein to slowed down the speed of blood stream, and injected sheep red blood cell (SRBC) through abdominal cavity for immunity mice. Finally, the change of arteriolar blood stream speed on the mice auricle WAS determined with micro video cycle system and HC50 was determined with spectrophotometer after process of collecting blood and decentralization. Results CMH could speed up the arteriolar blood stream, and raise the level of the antibody. Conclusion CMH can improve microcirculation, simultaneously, it has remarkable effect to the humoral immune of mice.

keywords: [CMH](#) [Microcirculatory](#) [Humoral immune](#)

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