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# 生化汤对血液流变学、血栓形成及微循环作用 的实验研究

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中文摘要:目的: 观察生化汤对正常大鼠血液流变学、血栓形成及子宫微循环的影响,探讨其效应及作用方式。 方法：采用肾上腺素联合冰浴造成血瘀模型观察其血液流变学和血管内皮功能;采用实验性大鼠静脉血栓模型检测血栓湿重和干重;采用胶原蛋白-肾上腺素诱发小鼠体内血栓形成模型观察其偏瘫形成及死亡率;采用子宫韧带微循环模型观察其对微循环的影响。 结果：生化汤可降低模型大鼠的血液黏稠度;对模型动物的血栓形成可降低形成率;对大鼠子宫微循环具有一定的促进作用。 结论：生化汤具有良好的活血化瘀、抗血栓形成及促进微循环作用。

中文关键词:生化汤 血液流变学 血栓形成 微循环

## Effects of Shenghua decoction on hemorheology, thrombosis and microcirculation

**Abstract:**Objective : To investigate the effects of Shenghua decoction on hemorheology, thrombosis and microcirculation, and explore its approach and mechanism. Method : The main hemorheological indexes and endothelial function were detected in acute stress blood stasis rats. The thrombus wet weight and thrombus dry weight were measured in the rat model of venous thrombosis, and the inhibitory rates in the formation of venous thrombosis were calculated. The number of paralysis or dead after 1-15 min was calculated in mice, induced by tail intravenous injection of a mixture of collagen and Epinephrine. Blood flow and the across netting were also determined on capillary vessel of uterus microcirculation. Result : Shenghua decoction reduce blood viscidity of the rats, reduce the thrombosis of the murine, and promote the microcirculation of the uterus in rats. Conclusion : Shenghua decoction has the ability of blood-activating and stasis-eliminating. It also has an anti-thrombotic effect and can promote microcirculation.

**keywords:**Shenghua decoction hemorheology thrombosis microcirculation

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