

痰瘀同治方含药血清的药效强度与采血时间的关系

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中文摘要:目的:探讨痰瘀同治方含药血清(TY TZ)的药效强度与采血时间的关系。方法:用两种不同的方案(TY TZ 78.0 g · kg⁻¹每日灌胃给药2次,持续5日和仅1次灌胃给药)制备痰瘀同治方的含药血清,分别在末次给药后0.5,1,1.5,2,3 h采血,应用MTT比色法检测不同方案制备的痰瘀同治方含药血清对人脐静脉内皮细胞(HUVECs)增殖作用的影响,并测定各组血清中基质细胞衍生因子(SDF-1)的含量,观察各组间的差异。结果:各组合药血清同空白血清比较,都能促进细胞增殖,且存在时间依赖;血清中SDF-1含量,同空白血清比较,差异有统计学意义。两种不同的给药方案相比,细胞增殖能力差异无统计学意义;血清中SDF-1含量差异有统计学意义。结论:在本实验条件下,制备含药血清不必拘泥于传统的"通法",制备方案可根据具体实验情况而定。

中文关键词:[痰瘀同治方](#) [中药血清药理学](#) [时效关系](#) [细胞增殖](#)

Time-effect of Serum Containing Formula of Tanyu Tongzhi

Abstract:Objective: To study the time-effect of serum containing the formula of Tanyu Tongzhi (TYTZ). Method: Serum containing TYTZ was obtained in 2 ways: administration was twice and once, respectively, a day or for 5 days. The blood was collected at 0.5, 1, 1.5, 2, 3 h after last administration. The influence of the serum containing TYTZ on cell proliferation was detected with MTT colorimetric method, the stromal cell-derived factor-1(SDF-1) content in the different serum was detected with the kit. Result: Compared with blank serum, the serum containing medicine could promote cell proliferation, which showed time-dependent. There was significant difference in SDF-1 content between the serum containing medicine and blank serum. While there was no significant difference in cell proliferation between the two ways of obtaining serum. And there was a significant difference in SDF-1 content between the two ways. Conclusion: In the conditions of this experiment, preparing serum need not to be constrained to the 'general principles', but depends on the specific experiment.


keywords: [Tanyu Tongzhi](#) [Chinese medicine serum pharmacology](#) [time-effect relationship](#) [cell proliferation](#).

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