

论著

祛风息痛丸对大鼠佐剂性关节炎的治疗作用

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摘要 目的 观察祛风息痛丸对佐剂性关节炎的治疗作用, 为其临床治疗类风湿性关节炎提供实验依据。方法 建立佐剂性关节炎大鼠模型, 采用玻璃容器法测定大鼠原发性和继发性足爪肿胀度。采用酶联免疫吸附试验测定血清白细胞介素1(IL-1)和肿瘤坏死因子 α (TNF α)含量。结果 祛风息痛丸0.26, 0.78 和2.34 g·kg⁻¹连续灌胃3 d显著抑制佐剂性关节炎大鼠原发性足爪肿胀, 对致炎后18 h的肿胀抑制率分别为21.4%, 36.8%和65.0%。同剂量祛风息痛丸连续灌胃30 d对佐剂性关节炎大鼠继发性即非致炎侧关节肿胀具有明显的抑制作用, 并可明显降低多发性关节炎病变评分, 中、大剂量可明显降低血清IL-1和TNF α 含量。结论 祛风息痛丸对实验性佐剂性关节炎具有治疗作用。

关键词 [祛风息痛丸](#) [治疗应用](#) [关节炎, 实验性](#)

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Therapeutic effect of Qufeng Xitong Wan on adjuvant arthritis in rats

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Abstract

AIM To investigate the therapeutic effect of Qufeng Xitong Wan (QFXTW) on rheumatoid arthritis. **METHODS** The rat model of adjuvant arthritis (AA) was established. The primary and secondary swelling extent in hind paws was detected by using volume testing method and the serum levels of interleukin-1(IL-1) and tumor necrosis factor- α (TNF α) were measured with enzyme linked immunosorbent assay. **RESULTS** In AA rats, QFXTW 0.26, 0.78 and 2.34 g·kg⁻¹ (ig) for 3 d obviously inhibited the right paw swelling, the primary inflammation, and the swelling inhibition rates were 21.4%, 36.8% and 65.0%, respectively. QFXTW at the same doses (ig) for 30 d suppressed the left paw swelling, the secondary inflammation, and reduced the scores of polyarticular arthritis markedly. QFXTW 0.78 and 2.34 g·kg⁻¹ also decreased the serum levels of IL-1 and TNF α . **CONCLUSION** QFXTW has therapeutic effect on experimental AA in rats.

Key words [Qufeng Xitong Wan](#) [therapeutic use](#) [arthritis](#) [experimental](#)

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