

Clinical and experimental study on treatment of retention enema for chronic non-specific ulcerative colitis with quick-acting kuijie powder

Qin-Han Zhou, Shu-Ling Gu, Jun Yu

Qin-Han Zhou, Xuzhou Guangci Hospital, Xuzhou 221400, Jiangsu Province, China

Shu-Ling Gu, Xuzhou Medical College, Xuzhou 221005, Jiangsu Province, China

Jun Yu, Xuzhou Hospital of Traditional Chinese Medicine, Xuzhou 221009, Jiangsu Province, China

Author contributions: All authors contributed equally to the work.

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Correspondence to: Qin-Han Zhou, Xuzhou Guangci Hospital, Xuzhou 221400, Jiangsu Province, China

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Abstract

AIM: To study the clinical effect and mechanism of retention enema with quick acting Kuijie powder (QAKJP) in treating chronic non-specific ulcerative colitis (CUC).

METHODS: A treatment group of 156 patients treated with QAKJP

and a control group of 78 patients treated with sulfasalazine orally were established randomly and their scores of main symptoms and signs were measured and compared before and after treatment. Animal experiments were conducted at the same time.

RESULTS: The total effective rate in the treatment and control group was 98.7% and 70.5% respectively, the clinical cure rate was 78.2% and 6.4% and the recurrence rate 5.3% and 20.0% respectively. The effectiveness of the treatment group was markedly superior to that of the control group, $P < 0.01$. Experimental study showed QAKJP could rapidly alleviate the congestion and edema of intestinal mucosa, promote the healing of ulcer, inhibit spasm of colon and had significant antidiarrheal action and antagonistic effect against allergic mediator histamine.

CONCLUSION: Retention enema with QAKJP has good effect on CUC, with low recurrence rate and no toxic or side effect.

Key words: Colitis, ulcerative/therapy; Enema; Quick-acting kuijiesan

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