

Clinical and experimental research on weile jiaonang for peptic ulcer

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Abstract

AIM: To observe the therapeutic effect of weile jiaonang (WLJN) for peptic ulcer (PU) and its toxicity to animals, and to find out the nontoxic Chinese medicines in replacing those chemical medicines with side effect.

METHODS: Five hundred and forty patients with PU were divided into three groups, therapeutic group by WLJN, control group taking famotidine and combined group with WLJN and famotidine. One hundred and eighty patients in each group were studied. The diagnosis of 540 patients with PU is in accordance with the basis

provided by the National Scientific Congress of Digestive System Disease convened in Hangzhou, 1978. The study followed the criterion provided by this Congress.

RESULTS: Total effective rate in therapeutic group was 93.3%, and 93.3% in control group. Combined group achieved a total effective rate of 100%. For all three groups, there was no significant difference statistically, but the control group appeared obvious side effects. The result of acute toxic experiments on white mice showed that there no death and toxic side effect even the highest dosage was given, which was equivalent to 120 times to the dosage of patients. The result of chronic toxic experiment showed there was no obvious pathologic change in three dosed groups. The tails of mice in dosed groups were more smooth delicate and cleaner than those in control group.

CONCLUSION: Through observation in clinic and experimental animal, it is proved that weile jiaonang is particularly effective and safe Chinese patent drug against PU.

Key words: Peptic ulcer/diagnosis; Peptic ulcer/therapy

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