

论文

加味黄芪建中汤抗大白鼠实验性胃溃疡作用的研究

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摘要:

本文对加味黄芪建中汤的抗大白鼠胃黏膜糜烂胃窦炎...建中汤煎剂给大白鼠皮下注射10克/公斤,可防止幽门结扎所致胃溃疡的发生;还能抑制胃液分泌、减少游离酸和总酸度;并使胃液pH值上升。但灌胃给药25克/公斤则不能防止溃疡的发生。建中汤煎剂对鸽子正颌运动都有抑制作用,并在一定程度上能对抗乙酰胆碱和毛果云香碱所致的肠痉挛。建中汤煎剂给小白鼠皮下注射的LD50为48±7.2克/公斤。

关键词:

THE EFFECT OF CHIAN-CHUNG-TANG, A CHINESE HERB RECIPE, UPON SHAY RAT ULCERATION

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Abstract:

The Chian-Chung-Tang has been used clinically for treatment of gastric ulceration. It is composed of Hedysarum polybotrys, Cinnamom carsia, Paeonia lactiflora Gly- cyrrhiza uralensis, Angelica sinensis, Rhizoma Zingiberis, Fructus Zizyphi jujubae, and Saccharum Grannorum. 1. The induction rate of Shay rat ulceration together with the quantity of gastric secretion, free acidity, and total acidity was markedly decreased by Chian-Chung-Tang given subcutaneously, but the same effect was not found, when the drug was given orally. 2. The movement of the stomach of the pigeon as well as the movement of the intestine of the rabbit in situ and that of rabbit and rat in vitro was depressed by the drug. 3. The drug was also found to antagonize the effect of pilocarpine and prostigmine upon the movement of intestine of rabbit in situ, and that by acetylcholine and pilocarpine upon the movement of intestine of rabbit and rat in vitro. 4. The LD50 of Chian-Chung-Tang in mice was found to be 48g/kg given subcutaneously.

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