

혈당정탕(血糖情湯)이 당뇨유발 흰쥐의 혈당 및 혈청 콜레스테롤에 미치는 영향

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It is well known that Hyuldangjung-Tang produce a prominently hypoglycemic effect in patients with diabetes mellitus.

The present study was carried out to investigate the glucoregulatory effects of Hyuldangjung-Tang in streptozotocin-induced diabetic rats. Plasma levels of glucose, catecholamines and β -endorphin and serum levels of insulin were measured in streptozotocin-induced diabetic rats orally receiving extracts of Hyuldangjung-Tang, for 1 day, 3 days and 5 days respectively.

These results suggest that Water Extract Group and Methanol Extract Group produce the hypoglycemic effects and some effects on plasma levels of stress-related hormones which regulate secretion of insulin and restore decreased insulin levels in streptozotocin-induced diabetic rats.

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