

Effect of abnormal protection on coronary artery disease in patients with liver cirrhosis

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Abstract

AIM: To probe into the effect of abnormal protection on coronary artery disease (CAD) in patients with liver cirrhosis (LC).

METHODS: Fifty two cases of LC associated with diabetes mellitus (DM) and 63 cases of simple DM were compared prospectively. Blood biochemistry, blood viscosity and ECG were examined carefully every

three months, and the three-year morbidities CAD in both groups were monitored dynamically.

RESULTS: There were significant decreases in blood biochemistry and viscosity in LC group as compared with those in control ($P < 0.05$ or 0.01), and there was a more significant decrease in ST-T abnormality rate in LC group than in the simple DM group ($P < 0.05$). As a result, the three-year morbidity of CAD in LC group was 64% lower than in the control 1 group.

CONCLUSION: There is truly an abnormal protection against CAD in patients with LC.

Key words: Liver cirrhosis; Coronary disease; Blood glucose; Blood viscosity; Hemorheology; Estrogens

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