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COMPARISON BETWEEN THE EFFECTS OF IRBESARTAN AND BENAZEPRIL ON ANG II, ALD, TNF α AND IL-6 AMONG THE ELDER PATIENTS WITH HEART FAILURE

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Objectives To study the effects of irbesartan and benazepril on Ang II, ALD, TNF α and IL-6 among the elder patients with heart failure.

Methods 92 patients with chronic heart failure were randomly divided into irbesartan treatment group and benazepril treatment group. Angiotonin II, aldosterone, TNF α and IL-6 were measured using radio-immunity before the therapies, after 3 months and 6 months.

Results TNF α and IL-6 were decreased significantly in both treatment groups ($p < 0.01$). In benazepril group, the level of Ang II was reduced at first and then increased ($p < 0.05$), as well as aldosterone. In irbesartan group, the level of Ang II was somewhat increased ($p > 0.05$), but the level of aldosterone was decreased significantly ($p < 0.01$), which is more obvious than that in benazepril group.

Conclusions The effects on improving neuroendocrine among chronic heart failure in irbesartan group were more significant than that in benazepril group.