Change of serum gastrin family and serum, tissue oxidative stress indexes of patients with atrophic gastritis

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View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: To study the change situation of serum gastrin family and serum, tissue oxidative stress indexes of patients with atrophic gastritis. Methods: A total of 68 patients with atrophic gastritis in our hospital from July 2012 to March 2014 were selected as observation group, 68 healthy persons with physical examination at the same time were the control group, then the serum gastrin and serum, tissue oxidative stress indexes of two groups were respectively analyzed and compared, then the detection results of observation group with different severity degree and location were compared too. Results: The serum GAS and CKK of observation group were all higher than those of control group, serum MTL was lower than that of control group, serum and tissue content of SOD and CAT were all lower than those of control group, serum content and tissue content of MDA were higher than those of control group, and the detection results of observation group with different severity degree all had significant differences, all $P<0.05$, while the detection results of observation group with different location had no significant differences, all $P>0.05$. Conclusion: The change of serum gastrin family and serum, tissue oxidative stress indexes of patients with atrophic gastritis are great, and the influence of disease severity degree for those indexes are great too.

[KEY WORDS] Atrophic gastritis; Serum; Gastrin family; Tissue; Oxidative stress