

Case Report

Celiac disease as a potential cause of liver enzyme dysfunction

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Abstract

Celiac disease is one of the most common cause of malabsorption syndrome. The symptom of this disease associated secondary to malabsorptive problems. Celiac can be accompanied with liver enzyme dysfunction with various extra intestinal findings. This case was a 27-year old man presented with abnormal liver function test over period of 1 year. He did not have another symptom such as diarrhea, weight loss or skin lesion. In medical examination, there was no ascites, peripheral edema or jaundice. Diagnostic re-examination of the patient include serology tests and Viral hepatitis, Wilson disease and auto immune responses showed to be normal. Abdominal and biliary sonography had normal results. Liver biopsy revealed no sign of any pathology, but duodenal biopsy and serologic findings were compatible by Celiac disease. The symptom improved on a gluten-free diet and his liver enzyme function tests became normal subsequently.

Keywords: Spro celiac disease, Liver test dysfunction, Gluten

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