

## CONTINUING MEDICAL EDUCATION ΣΥΝΕΧΙΖΟΜΕΝΗ ΙΑΤΡΙΚΗ ΕΚΠΑΙΔΕΥΣΗ

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### Gastroenterology-Endoscopy Quiz – Case 5

Female, 22 years old, visited the outpatient gastroenterology unit complaining for weakness, flatulence, occasionally soft stool and rarely diarrhea, all starting almost two years ago.

There were no abnormal findings from the physical examination. Laboratory results showed microcytic anemia (Hct 29%, WBC 4300/ $\mu$ L, MCV 78 fL, RDW 15,5, PLT 360.000/ $\mu$ L), Fe 20  $\mu$ g/dL, ferritin 4 ng/dL, B<sub>12</sub> 100 pg/mL, folic acid 4 ng/mL, Ca 9,2 mg/dL, TSH 1,8, ALT 32 U/L, AST 30 U/L. Stool cultures were negative and at the microscopic examination of the stool there were no white or red blood cells found.

An upper GI endoscopy was performed, which revealed diffuse erythema of the mucosa of the antrum. At visual inspection of the duodenum, duodenal folds with decreased height were found, with loss of villous pattern and micronodular appearance (figures 1 and 2).

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Figure 1



Figure 2