

THE DEPENDENCE OF THE LEVEL OF GLYCOPROTEIN TYPE 2 ON THE LEVEL OF ZONULIN IN CROHN'S DISEASE

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In 122 Crohn's disease patients with active ileocolitis, elevated fecal zonulin significantly correlated with elevated anti-GP2 antibodies, suggesting a relationship between intestinal permeability and pancreatic antibody responses.

KEY POINTS

- In 75.4% of patients with active Crohn's disease, fecal zonulin was elevated (mean 333.4 ± 16.9 ng/ml), indicating increased intestinal permeability.
- IgA anti-GP2 antibodies were elevated in 66.4% of patients (mean 43.4 ± 6.9 units/ml) and IgG anti-GP2 in 107 patients (mean 17.1 ± 1.3 units/ml).
- A high correlation ($r=0.760$, $p=0.010$) was found between fecal zonulin and IgA anti-GP2 concentrations, with moderate correlation ($r=0.490$, $p=0.023$) for IgG anti-GP2.
- The study examined 122 patients with ileocolitis during disease exacerbation, using ELISA methods to measure fecal zonulin and anti-GP2 antibodies.

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