

POOR CORRELATION BETWEEN ANTI-TTG IGG AND MUCOSAL RECOVERY IN THE IGA-DEFICIENT COELIAC

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In IgA-deficient coeliac disease patients, decline in anti-TTG IgG following a gluten-free diet does not correlate with mucosal healing on duodenal histology.

KEY POINTS

- In a retrospective study of 19 IgA-deficient coeliac disease patients, only 21.4% of those with normalised duodenal histology after gluten elimination had concurrent normalisation of anti-TTG IgG.
- Among patients reporting adherence to a gluten-free diet, 40%, 25% and 25% normalized their IgG anti-TTG levels at 1, 3 and 5 years respectively.
- The authors conclude that persistently positive IgG anti-TTG does not signify ongoing gluten ingestion and that histologic recovery can reassure physicians irrespective of anti-TTG titre.
- This material is relevant to gastroenterologists managing IgA-deficient coeliac disease patients and interpreting anti-TTG IgG serology during follow-up.

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