gutflix
GI learning, personalised

Summary

Immunodeficiency-associated enteropathy

Gerd Bouma

UEG Week Barcelona 2026 | Presentation

Paediatrics | Immunology | Small Intestine & Nutrition | Mechanisms & Personalised Medicine

October 19, 2026

Common variable immunodeficiency enteropathy presents a therapeutic dilemma requiring immune modulation in immunocompromised patients, with pathogenesis likely multifactorial and chronic norovirus potentially amplifying inflammation in some cases.

KEY POINTS

- CVID is the most common primary immunodeficiency, occurring in approximately 1 in 25,000 to 50,000 people, characterised by abnormal B-cell differentiation and impaired antibody production.
- CVID enteropathy manifests with various phenotypes including coeliac-like disease with villous atrophy and ulcerative disorders, and patients who develop enteropathy have a much higher chance of dying from the disease than those with only infectious symptoms.
- Molecular tetramer techniques can directly visualise gluten-specific T cells to confirm or exclude coeliac disease, which the speaker states is important because serology is unreliable in CVID patients with low immunoglobulin levels.
- The speaker presented a case of a 55-year-old male with CVID who developed severe enteropathy with norovirus detection; attempted treatments including oral immunoglobulins, remdesivir, vedolizumab, and tofacitinib were all without significant effect, leaving the patient dependent on total parenteral nutrition.
- Treatment follows IBD strategies but evidence is very limited; the speaker states vedolizumab is a viable option due to its favourable safety profile, while anti-TNF may increase infection risk and is linked to lymphoma.
- The speaker states haematopoietic stem cell transplantation is a potential option that may clear norovirus, though a published case series showed mortality exceeding 50 percent with no data specifically on enteropathy as an indication.

VIEW THIS CONTENT ON GUTFLIX

https://gutflix.eu/search/d/189d6f48-d150-11f1-8c20-daaa6dbee0a2

AI-generated summary

This summary was generated by an AI large language model based on the content transcript. It is for informational purposes only and should not be considered a substitute for clinical judgment. Always rely on your professional expertise and the full clinical context when making clinical decisions.