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Observational Study

Gluten immunogenic peptide excretion detects dietary transgressions in treated celiac disease patients

Costa AF *et al.* GIP excretion in treated CeD

Ana Florencia Costa, Emilia Sugai, María de la Paz Temprano, Sonia Isabel Niveloni, Horacio Vázquez, María Laura Moreno, Remedios Domínguez, Alba Muñoz-Suano, Edgardo Smecuol, Juan Pablo Stefanolo, Andrea F González, Angel Cebolla-Ramirez, Eduardo Mauriño, Elena F Verdú, Julio César Bai

Abstract

BACKGROUND

Life-long removal of gluten from the diet is currently the only way to manage celiac disease (CeD). Until now, no objective test has proven useful to objectively detect ingested gluten in clinical practice. Recently, tests that determine consumption of gluten by assessing excretion of gluten immunogenic peptides (GIP) in stool and urine have been developed. Their utility, in comparison with conventional dietary and analytical follow-up strategies, has not been fully established.

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