https://doi.org/10.22516/25007440.1475

Supplement

Presentation of the Clinical Practice Guideline for the Diagnosis and Treatment of Helicobacter Pylori Infection in Adults: 2025 Update

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OPEN ACCESS

Citation:
Páramo-Hernández D. Presentation of the Clinical Practice Guideline for the Diagnosis and Treatment of Helicobacter Pylori Infection in Adults: 2025 Update. Revista. colomb. Gastroenterol. 2025;40(Supl 4):1-2. https://doi.org/10.22516/25007440.1475

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Received: 06/10/2025
Accepted: 07/10/2025

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With this volume, Revista Colombiana de Gastroenterología celebrates 40 years of continuous publication and editorial work. For this reason, the 2024–2025 Board of Directors of the Colombian Association of Gastroenterology, chaired by Dr. Diego Mauricio Aponte Martín, together with the Journal's Editorial Committee, have decided to commemorate this milestone through the publication of three supplements containing updated versions of the most relevant clinical practice guidelines.

In this supplement, we present the *Clinical Practice Guideline for the Diagnosis and Treatment of Helicobacter pylori Infection in Adults: 2025 Update*. This initiative and work proposal originated from the Association's presidency and brought together a Clinical Practice Guideline Committee led by Drs. Luis Carlos Sabbagh, William Otero Regino, Raúl Cañadas, Juan David Linares, Alejandro Concha Mejía, and Diego Aponte.

Given the epidemiological importance of this infection and its health consequences, the Guideline focused on recommendations concerning the selection of diagnostic, treatment, and follow-up methods for adults over 18 years of age with *Helicobacter pylori* infection. It was led by Dr. William Otero and developed under strict methodological standards with the support of epidemiology experts from Universidad CES, along with the collaboration of subject matter experts, gastroenterologists, and professionals from related fields. We used the GRADE methodology and evidence-to-decision (EtD) frameworks, based on systematic searches of international guidelines, systematic reviews, and meta-analyses published between 2015 and 2024. The final consensus was reached through a multidisciplinary panel of experts, considering factors such as applicability, resources, and equity within the Colombian health system. Based on the Methodological Guide for the *Adoption and Adaptation of Evidence-Based Clinical Practice Guidelines* (2017), developed by the *Colombian Ministry of Health and Social Protection* and the *Institute for Technological Health Assessment* (IETS)[(1)], we adopted and adapted an evidence-based methodological approach for the Clinical Practice Guidelines (CPGs).

Accordingly, we adopted recommendations from existing guidelines when these aligned with the national context, taking into account time and resource limitations for the development of a *de novo* CPG, and recognizing that this guideline constitutes an update of the 2015 version[(2)].

Undoubtedly, this document serves as a key reference for consultation, implementation, and adoption by health professionals, public and private health institutions, health administrators, insurers, and policymakers who seek the support and guidance provided by this updated clinical practice guideline.

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