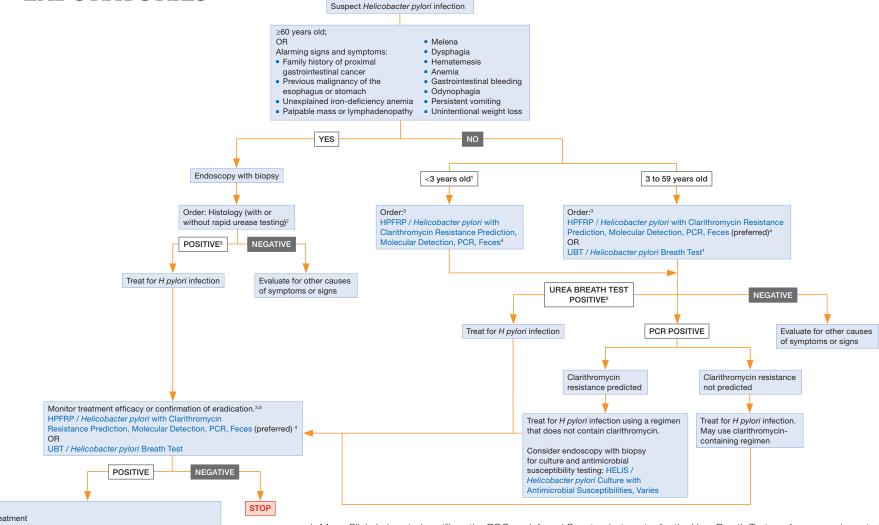


Helicobacter pylori Diagnostic Algorithm



- Consider:
- Repeat treatment
- Repeat endoscopy
- HELIS / Helicobacter pylori Culture with Antimicrobial

Susceptibilities, Varies for culture from GI biopsy and antimicrobial susceptibility testing of isolated organism OR submit isolated organism for ZMMLS / Antimicrobial Susceptibility, Aerobic Bacteria, MIC, Varies



- 1. Mayo Clinic Laboratories utilizes the POCone Infrared Spectrophotometer for the Urea Breath Test; performance characteristics for this instrument have not been established for persons under age 3. For patients 3 to 17 years, age, weight and height **must be included** in test request for appropriate result interpretation.
- 2. Consider HELIS / Helicobacter pylori Culture with Antimicrobial Susceptibilities, Varies.
- 3. Proton pump inhibitors, antisecretory drugs and antibiotics should be discontinued for at least 2 weeks prior to assessment for *H pylori* using a noninvasive test.
- 4. HPFRP / Helicobacter pylori with Clarithromycin Resistance Prediction, Molecular Detection, PCR, Feces has equivalent accuracy to fecal antigen testing for H pylori detection and predicts clarithromycin susceptibility or resistance in H pylori if detected. Although, fecal antigen testing is available elsewhere, Mayo Clinic providers prefer and recommend the use of molecular testing for the detection of H pylori.
- 5. Consider HPFRP / Helicobacter pylori with Clarithromycin Resistance Prediction, Molecular Detection, PCR, Feces to assess for clarithromycin susceptibility if HELIS / Helicobacter pylori Culture with Antimicrobial Susceptibilities, Varies is not done.
- 6. Confirmation of eradication testing should not be ordered until 4 or more weeks after cessation of treatment.