



Dyspepsia Clinical Guidelines

Definition

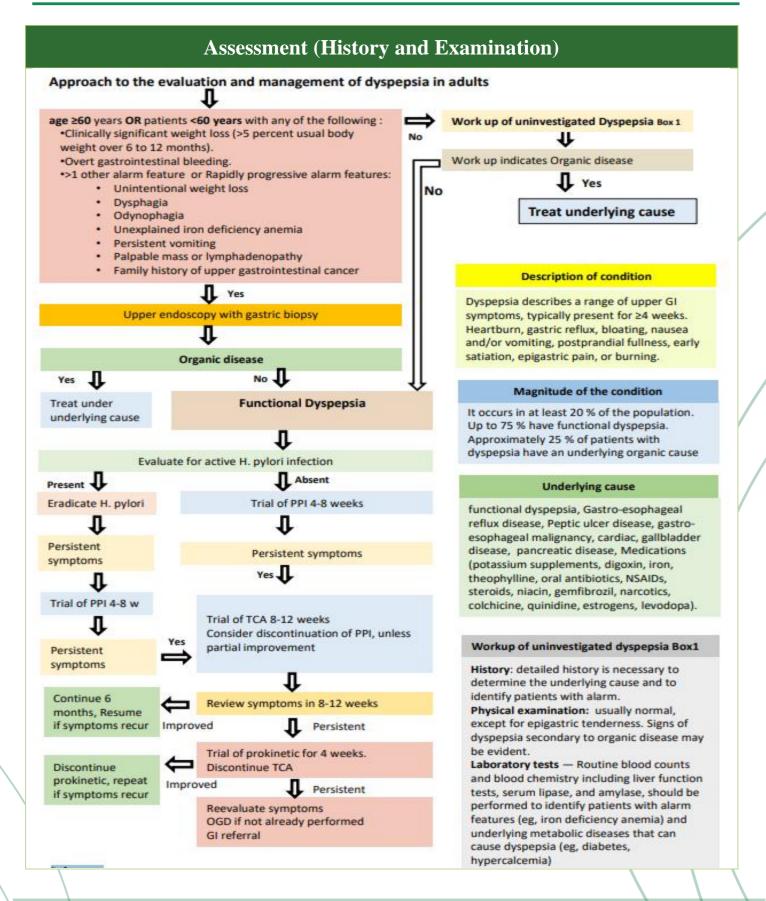
Dyspepsia describes a range of upper GI symptoms, typically present for ≥4 weeks. Heartburn, gastric reflux, bloating, nausea and/or vomiting, postprandial fullness, early satiation, epigastric pain, or burning.















cluster3Riyadh







Management

How to test for H Pylori

urea (13C) breath test OR Stool Antigen test (SAT) be used for evaluation of active infection
Tests should not be performed within 2 weeks of treatment with a proton pump inhibitor or within 4 weeks of antibacterial treatment, as this can lead to false negatives.

When to repeat test to confirm eradication? ROUTINE check for eradication is NOT recommended.

Confirm eradication if: stomach cancer, MALT lymphoma, Hx of PUD specially if bleeding and persistent symptoms after treatment.

Non-drug treatment

Lifestyle measures, such as healthy eating, weight loss, avoiding trigger foods, eating smaller meals, eating the evening meal 3–4 hours before going to bed, raising the head of the bed, Smoking cessation, and reducing alcohol consumption Assess the patient for stress and anxiety as these conditions may exacerbate symptoms

Treatment Regimens for H pylori

1st Line

Standard triple therapy: PPI, amoxicillin 1 g, and clarithromycin 500 mg (Biaxin) twice daily 7-10 day up to 14 days OR

PPI, clarithromycin 500 mg, and metronidazole 500 mg (Flagyl) twice daily 10-14 days **Sequential therapy:** PPI and amoxicillin 1 g twice daily, followed by PPI, clarithromycin 500 mg, and tinidazole 500 mg (Tindamax) or metronidazole 500 mg twice daily. 10 days (5 days each)

2nd line

Non-bismuth-based quadruple therapy (concomitant therapy):PPI, amoxicillin 1 g, clarithromycin 500 mg, and tinidazole 500 mg or metronidazole 500 mg twice daily for 10 days

Bismuth-based quadruple therapy: Bismuth subsalicylate 525 mg or subcitrate 300 mg, metronidazole 250 mg, and tetracycline 500 mg, four times daily; and PPI twice daily 10-14 days

 $\textbf{Levofloxacin-based triple therapy:} \ PPI \ and \ amoxicillin \ 1 \ g \ twice \ daily, and \ levofloxacin \ 500 \ mg \ (Levaquin) \ once \ daily \ 10 \ days$

Proton Pump Inhibitor (PPI)

Examples: esomeprazole, omeprazole, lansoprazole, Pantoprazole

Indications: for H pylori eradication use higher dose twice daily , prophylaxis of NSAIDs associated ulcer, PUD, dyspepsia

Side effects: Common: Abdominal pain; constipation; diarrhea; dizziness; dry mouth;; headache; insomnia; nausea; skin reactions; vomiting. Uncommon Arthralgia; bone fractures; confusion; depression; drowsiness; leucopenia; malaise; myalgia; paranesthesia; peripheral edema; thrombocytopenia; vertigo; vision disorders. Gynecomastia, taste alteration Safety Information: Hypomagnesaemia (more common after 1 year of treatment, but sometimes after 3 months of treatment, monitor especially if on digoxin); subacute cutaneous lupus erythematosus., risk of osteoporosis. Hepatic & Renal impairment: Use with caution. Pregnancy & breast feeding: can use omeprazole.

	Omeprazole	Lansoprazole	Pantoprazole	Esomeprazole
H pylori Eradication	20-40mg BID 10-14 days	30 mg bid 10-14 days	40 mg bid 10-14 days	20 mg bid for 10-14 days
Gastric ulcer	20-40 mg OD 8 weeks	30 mg od 8 weeks	40-80 mg od 8 weeks	20 mg od 4-8 weeks
Duodenal ulcer	20-40mg OD 4 weeks	30 mg od 4 weeks	40-80 mg od 4 weeks	
Prophylaxis with NSAIDs	20 mg od	15-30mg od	20 mg daily	20 mg daily
GERD	20 mg od 4 week 10-40 mg od for long term only if symptoms return	30mg od 4 weeks 15-30mg od for long term only if symptoms return	40 mg 4-8 weeks	20 mg daily 4-8 weeks for long term only if symptoms return
Functional dyspepsia	10 mg od 4 weeks	15 mg od 4 weeks	20 mg od 4 weeks	20 mg od 4 weeks
Esophagitis	40 mg od 8 weeks , longer if appropriate	30 mg od 8 weeks longer if appropriate	40mg od 8 weeks longer if appropriate	40mg od 8 weeks longer if appropriate









APPROVL					
	Name:	Position:	Signature:		
Prepared By:	Dr. Hajar Al Suma	FM Consultant			
Reviewed and Approved By:	Dr. Mansoor Allajhar Dr. Musa Althwayee Dr. Ahmed Al Zahrani Dr. Hajar Al Suma Dr. Ahlam Al Harbi	FM Consultants			

References.

- American College of Gastroenterology (ACG) Guidelines
- The Canadian Association of Gastroenterology (CAG) guidelines



cluster3Riyadh

