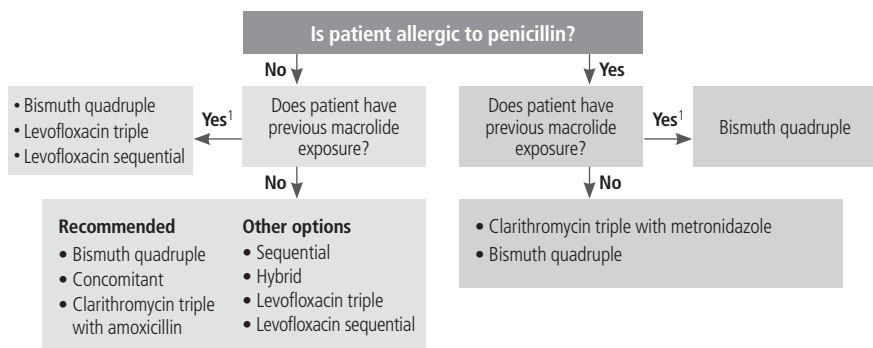


H. PYLORI INFECTION TREATMENT GUIDELINE



FIRST-LINE THERAPIES

Regimen	Drugs/Dosing	Duration (days)
RECOMMENDED		
Clarithromycin triple ²	PPI (standard or double dose twice daily) + clarithromycin (500mg twice daily) + amoxicillin (1g twice daily) OR metronidazole (500mg three times daily)	14
Bismuth quadruple ³	PPI (standard dose twice daily) + bismuth subcitrate (120–300mg 4 times daily) or subsalicylate (300mg 4 times daily) + tetracycline (500mg 4 times daily) + metronidazole (250mg 4 times daily or 500mg 3–4 times daily)	10–14
Concomitant ⁴	PPI (standard dose twice daily) + clarithromycin (500mg twice daily) + amoxicillin (1g twice daily) + nitroimidazole ⁵ (500mg twice daily)	10–14
SUGGESTED		
Sequential ⁴	PPI (standard dose twice daily) + amoxicillin (1g twice daily) THEN	5–7
	PPI + clarithromycin (500mg twice daily) + nitroimidazole ⁵ (500mg twice daily)	5–7
Hybrid ⁴	PPI (standard dose twice daily) + amoxicillin (1g twice daily) THEN	7
	PPI + amoxicillin + clarithromycin (500mg twice daily) + nitroimidazole ⁵ (500mg twice daily)	7
Levofloxacin triple ⁴	PPI (standard dose twice daily) + levofloxacin (500mg daily) + amoxicillin (1g twice daily)	10–14
Levofloxacin sequential ⁴	PPI (standard or double dose twice daily) + amoxicillin (1g twice daily) THEN	5–7
	PPI + levofloxacin (500mg daily) + nitroimidazole ⁵ (500mg twice daily)	5–7
LOAD ⁴	Levofloxacin (250mg daily) + omeprazole (double dose daily) + nitazoxanide (500mg twice daily) + doxycycline (100mg daily)	7–10

NOTES

Key: PPI = proton pump inhibitor; **LOAD** = levofloxacin + omeprazole + Alinia + doxycycline

¹ Includes patients in regions where clarithromycin resistance is known to be >15%.

² Several PPIs (eg, Prilosec, Nexium, Prevacid, Aciphex) in combination with clarithromycin and amoxicillin have achieved FDA approval. FDA-approved combination products include Omeclamox-Pak (omeprazole/amoxicillin/clarithromycin) and Prevpac (lansoprazole/amoxicillin/clarithromycin). PPI + clarithromycin + metronidazole is not an FDA-approved regimen.

³ Not an FDA-approved regimen if prescribed separately. Pylera (bismuth subcitrate/tetracycline/metronidazole) combined with omeprazole for 10 days is FDA-approved.

⁴ Not an FDA-approved regimen.

⁵ Metronidazole or tinidazole.

For FDA-approved regimens, see drug monographs at www.eMPR.com or contact company for full drug labeling.

REFERENCES

Chey WD, Leontiadis GI, Howde CW, et al. ACG Clinical Guideline: Treatment of *Helicobacter pylori* Infection.

Am J Gastroenterol 2017; 112:212-238; doi:10.1038/ajg.2016.563; published online 10 January 2017.

(Rev. 3/2018)