Helicobacter pylori recurrence after eradication in Latin America: Implications for gastric cancer prevention

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Abstract

Aim: To estimate H. pylori recurrence rate in Latin America, a region with a significant H. pylori prevalence and gastric cancer burden.

Methods: PubMed, LILACS, SciELO, Cochrane databases and abstracts from relevant meetings were reviewed. Information collected included: participants’ characteristics, recruitment strategy, diagnostic modality, treatment arms, follow-up and recurrence rates. Recurrence was calculated using 100-patients-year rates, and data were pooled using a random effects model. The I² statistic assessed between study heterogeneity. Meta-regression analyses evaluated for effect modifying variables.

Results: Literature search yielded 168 articles. 12 studies involving 4,848 patients from 9 countries met inclusion criteria. 432 reinfections were recorded in 5,487 person-years of follow-up. Pooled analysis showed a recurrence rate of 7.9 cases per 100 person-years.
Implications of Helicobacter pylori Infection for Stomach Cancer
www.scielo.br/scielo.php?script=sci_arttext&pid=S0102...

Risk of Recurrent Helicobacter pylori Infection 1 Year After...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3697926/

Increased Helicobacter pylori-associated Gastric Cancer Risk in the...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3697926/
Implications of Helicobacter pylori infection for stomach cancer...
www.scielo.br/scielo.php?script=sci_arttext&pid=S0102...
作者：KJ Goodman - 1997 - 被引用次数：9 - 相关文章
Key words: Helicobacter pylori; Prevention; Stomach; Cancer; Epidemiology... low socioeconomic status who are most at risk of gastric cancer; eradication trials... of elevated antibody levels for some months after clearance (Kosunen et al., 1992;... of the urea breath tests has been conducted in Latin American populations;...

Risk of Recurrent Helicobacter pylori Infection 1 Year After...
https://www.ncbi.nlm.nih.gov > NCBI > Literature > PubMed Central (PMC) - 翻译此页
作者：DR Morgan - 2013 - 被引用次数：61 - 相关文章
Gastric adenocarcinoma is the second leading cause of cancer death... Statistical Considerations...
Latin America Helicobacter pylori Eradication Trial Profile...... Impact of H pylori eradication on gastric cancer prevention: endoscopic results...

Biomarkers of Helicobacter pylori-associated gastric cancer - NCBI
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3928163/ - 翻译此页
作者：Cl. Cooke - 2013 - 被引用次数：13 - 相关文章