

# Helicobacter pylori: Review and Update: Review Questions

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The questions below are based on the article "*Helicobacter pylori*: Review and Update," which begins on page 23 of this issue. Choose the single best answer for each question.

- 1. Increased prevalence of *H. pylori* infection is NOT associated with which of the following characteristics?**
  - A) Fecal-oral exposure during childhood
  - B) Female sex
  - C) Increasing age
  - D) Low socioeconomic status during childhood
- 2. Which of the following terms accurately describes the *H. pylori* organism?**
  - A) Cytotoxic protein-associated
  - B) Gram-positive
  - C) Intracellular
  - D) Nonmotile
- 3. Which of the following is NOT a histologic change associated with *H. pylori* infection?**
  - A) Atrophy of mucosal glands in longstanding infection
  - B) Intense eosinophilic aggregation
  - C) Lymphocytic proliferation in the stroma
  - D) Neutrophilic infiltration of mucosal glands
- 4. Which of the following characterizations does NOT pertain to nonulcer dyspepsia?**
  - A) Altered gastric emptying and fundic compliance may cause the disorder
  - B) The disorder is associated with altered visceral sensation
  - C) Eradication of *H. pylori* infection is usually curative of the disorder
  - D) Increased levels of serotonin may play a role in the disorder
- 5. Which of the following statements is NOT accurate regarding the diagnosis of *H. pylori* infection?**
  - A) Breath tests and stool tests can aid in diagnosis
  - B) Culture can be problematic and unreliable as a diagnostic tool
  - C) Histology is the "gold standard" of diagnosis
  - D) Serology should be a first-line diagnostic tool in low-prevalence areas
- 6. Which of the following statements regarding management of *H. pylori* infection is most accurate?**
  - A) Cure rates of 60% to 70% are acceptable
  - B) Monotherapy is comparable to multidrug therapy
  - C) Multiple acceptable treatment regimens exist
  - D) Proton pump inhibitors administered to infected patients work by inhibiting the action of antibiotics
- 7. Which of the following statements is NOT accurate regarding development of a vaccine for *H. pylori* infection?**
  - A) Antibiotic agents are likely to provide primary protective immunity
  - B) Interleukins 4 and 10 are key to providing protective immunity
  - C) The optimal route of administration has yet to be identified
  - D) Oral vaccines can induce postimmunization gastritis
- 8. Which of the following disorders does NOT yet have an established, accepted association with *H. pylori* infection?**
  - A) Gastric adenocarcinoma
  - B) Gastric mucosa-associated lymphoid tissue lymphoma
  - C) Gastritis
  - D) Iron-deficiency anemia

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For answers, see page 54.

## *Answers to Review Questions*

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Answers to the review questions asked on page 50. The article on *Helicobacter pylori* begins on page 23.

1. (B) Female sex
2. (A) Cytotoxic protein-associated
3. (B) Intense eosinophilic aggregation
4. (C) Eradication of *H. pylori* infection is usually curative of the disorder
5. (D) Serology should be a first-line diagnostic tool in low-prevalence areas
6. (C) Multiple acceptable treatment regimens exist
7. (A) Antibiotic agents are likely to provide primary protective immunity
8. (D) Iron-deficiency anemia

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