

## SINGAPORE MEDICAL COUNCIL CATEGORY 3B CME PROGRAMME

(Code SMJ 201705A)

	True	False
1. <i>Helicobacter pylori</i> ( <i>H. pylori</i> ) infection is a cause of peptic ulcer disease and gastric cancer.	<input type="checkbox"/>	<input type="checkbox"/>
2. <i>H. pylori</i> infection is a cause of gastro-oesophageal reflux disease.	<input type="checkbox"/>	<input type="checkbox"/>
3. A 'test-and-treat' strategy can be applied to all patients.	<input type="checkbox"/>	<input type="checkbox"/>
4. <i>H. pylori</i> serology is useful for diagnosis and post-treatment follow-up.	<input type="checkbox"/>	<input type="checkbox"/>
5. Stool antigen is useful to diagnose active <i>H. pylori</i> infection in children.	<input type="checkbox"/>	<input type="checkbox"/>
6. The carbon urea breath test may be falsely negative if the patient is taking proton pump inhibitors.	<input type="checkbox"/>	<input type="checkbox"/>
7. For confirmation of cure, the carbon urea breath test is repeated two weeks after the end of antibiotic treatment.	<input type="checkbox"/>	<input type="checkbox"/>
8. Potent acid suppression is important for successful <i>H. pylori</i> therapy.	<input type="checkbox"/>	<input type="checkbox"/>
9. A treatment compliance rate of less than 80% has been shown to decrease treatment efficacy.	<input type="checkbox"/>	<input type="checkbox"/>
10. There has been an increase in <i>H. pylori</i> antibiotic resistance rates and this may affect treatment efficacy.	<input type="checkbox"/>	<input type="checkbox"/>
11. Empiric first line <i>H. pylori</i> therapies should generally be for two weeks.	<input type="checkbox"/>	<input type="checkbox"/>
12. Clarithromycin-containing triple therapy is obsolete in Singapore and should never be prescribed.	<input type="checkbox"/>	<input type="checkbox"/>
13. For patients with an allergy to amoxicillin, substitution of amoxicillin with metronidazole in a triple therapy regimen will not reduce treatment efficacy.	<input type="checkbox"/>	<input type="checkbox"/>
14. The effect of metronidazole resistance can be overcome with a higher dose and longer treatment duration when used in context of bismuth-based quadruple therapy.	<input type="checkbox"/>	<input type="checkbox"/>
15. Local studies have shown that the efficacy of sequential therapy is superior to that of triple therapy.	<input type="checkbox"/>	<input type="checkbox"/>
16. In regions with a high clarithromycin resistance rate of 20%, suitable empiric first-line therapies include bismuth-based quadruple therapy and concomitant therapy.	<input type="checkbox"/>	<input type="checkbox"/>
17. The addition of bismuth to standard triple therapy may increase treatment efficacy, as it can help overcome the effect of clarithromycin resistance.	<input type="checkbox"/>	<input type="checkbox"/>
18. In the context of failed first-line therapy using triple therapy, empiric two-week bismuth-based quadruple therapy can be prescribed.	<input type="checkbox"/>	<input type="checkbox"/>
19. Antibiotic susceptibility testing can be considered after failure of empiric first-line therapy if gastroscopy is being planned.	<input type="checkbox"/>	<input type="checkbox"/>
20. Antibiotic susceptibility testing should be performed after failure of empiric second-line therapies.	<input type="checkbox"/>	<input type="checkbox"/>

### Doctor's particulars:

Name in full : \_\_\_\_\_  
MCR number : \_\_\_\_\_ Specialty: \_\_\_\_\_  
Email address : \_\_\_\_\_

### SUBMISSION INSTRUCTIONS:

(1) Visit the SMJ website: <http://www.smj.org.sg/current-issue> and select the appropriate set of questions. (2) Provide your name, email address and MCR number. (3) Select your answers and click "Submit".

### RESULTS:

(1) Answers will be published online in the SMJ July 2017 issue. (2) The MCR numbers of successful candidates will be posted online at the SMJ website by 30 June 2017. (3) Passing mark is 60%. No mark will be deducted for incorrect answers. (4) The SMJ editorial office will submit the list of successful candidates to the Singapore Medical Council. (5) One CME point is awarded for successful candidates.

**Deadline for submission: (May 2017 SMJ 3B CME programme): 12 noon, 23 June 2017.**