



香港社會醫學學院
HONG KONG COLLEGE OF COMMUNITY MEDICINE
founder College of the Hong Kong Academy of Medicine
Incorporated with limited liability



ADMINISTRATIVE MEDICINE

Part I Examination

Tuesday 11 June 2019

15:30 – 18:00 (2½ hours)

Paper IIA

Candidates must answer all parts of this questions

Style, clear grammatical English and legibility will be taken into consideration by the Examiners. Answers should be written in a form appropriate to the audience specified in the question.

Weighting of marks for each part of the question is shown in parenthesis.

**DO NOT OPEN PAPER UNTIL THE
INVIGILATOR INSTRUCTS YOU TO BEGIN**

Referring to the article: Mehta, Shivan J., et al. "Effect of Financial Incentives on Patient Use of Mailed Colorectal Cancer Screening Tests: A Randomized Clinical Trial." *JAMA network open* 2.3 (2019): e191156-e191156., please answer the following questions.

1. What question is the study aimed to answer? What are the potential public health implications of the study? (10 marks)

2.

a. What are the main results of this randomized controlled trial with regards to change in overall completion rates of mailed fecal immunochemical test [FIT] for colorectal cancer screening at 2nd and 6th months?

b. What are the between group results of this randomized controlled trial with regards to FIT completion ration at (i) 2nd month and (ii) 6th month, according to intention to treat analysis?

(15 marks)

QUESTION CONTINUES

3. Discuss the implications of the trial's results on strategies for improving FIT completion rates. What would be the possible explanations for the findings? What future research would be recommended? (15 marks)

4. Comment on the internal validity of this publication and explain why. (25 marks)

5. Can the results be generalized to the situation in Hong Kong and why? (15 marks)

(20 marks for overall understanding and coherence of the answers)

END OF PAPER

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