



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

Part I Examination

Friday 2 June 2023

10:30 – 13:00 (2½ hours)

Paper IIA

Candidates must answer all parts of these 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: Finkelstein, A., Zhou, A., Taubman, S., & Doyle, J. (2020). Health care hotspotting—a randomized, controlled trial. *New England Journal of Medicine*, 382(2), 152-162., please answer the following questions. [Total 100 marks]

1. What is the approach referred to as 'hotspotting' in Camden Core Model? What are the key characteristics of the Camden Core Model? What are the main differences between previous care-transition programs and the Camden Core Model? How is the Camden Core Model compared with similar programs in Hong Kong under the Hospital Authority? [25 marks]
2. What is the aim of the randomized controlled trial examined in the article and how are the study subjects and the control group being selected? What are the primary and secondary outcomes being measured? How does the Camden Care Model compare with other care transition programs? [20 marks]
3. On the implementation of the program, based on the results in Table 2, please comment on the engagement and extent of achievement of the medical and social goals within the program. [15 marks]

QUESTION CONTINUES

4. The Hospital Authority (HA) considers the probability of hospital unplanned readmission within 28 days for identifying the “high risk” patients. If the highly intensive Camden Core Model were introduced in HA, how would it affect the probability of unplanned readmission within 28 days? [5 marks]

5. What are some of the challenges with the superutilizer program and limitation of the study aimed at medically and socially complex populations, and how would these challenges affect the measurement of primary and secondary outcomes in the study? [15 marks]

6. The authors point to the issue of regression to the mean in observational or before and after studies. Please explain the observation and how would a randomized controlled study address the issue? [15 marks]

7. What are the implications of the study on post-discharge care? [5 marks]

END OF PAPER

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