



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 12 June 2018

19:30 – 21:00 (1½ hours)

Paper IIB

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**

Please read the attached paper “The Effect of Patient Portals on Quality Outcomes and Its Implications to Meaningful Use: A Systematic Review” by Kruse, Bolton and Freriks (2015). Only the part of the paper relevant for this examination question is reproduced.

Although the paper talks about patient portals in the context of the American healthcare system, its findings and conclusions can be relevant to Hong Kong. Recently, the Electronic Health Record (eHR) project team under the Food and Health Bureau of the HKSAR Government is conducting consultation with healthcare providers and community users on the feasibility of development patient portals in the eHR. There were significant concerns among doctors.

- a. Identify six (6) positive effects of patient portals as described in the systematic review by the authors of this paper (12 marks) and postulate possible reasons (which may or may not be mentioned in the paper extract) for each of the positive effects. (24 marks)
- b. Identify two (2) barriers as described in the paper that may affect utilization of patient portals (4 marks), and postulate possible reasons for each. (8 marks)
- c. Identify two other (2) findings as described in the paper that may affect the effectiveness of the patient portals program in achieving its goals (4 marks). Postulate possible reasons for each (8 marks), and explain how they negatively affect the program’s goals (8 marks).

- d. Define “internal validity” as the term is used in the paper. (2 marks)
- e. Given what the authors wrote in the section Bias, Validity and Reliability with respect to the studies that they had reviewed, comment on the value of the findings in this paper in relation to considerations in implementing a patient portals project. (15 marks)
- f. In the introduction, the paper mentions some contextual elements associated with the launching of patient portals in the United States. List and discuss three (3) elements that Hong Kong can consider if we want to launch a successful patient portals project. (15 marks)

END OF PAPER