Healthcare Providers' Perceptions towards Health Information Applications at King Abdul-Aziz Medical City, Saudi Arabia Abeer Al-Harbi Health & Hospital Administration department, College of Business Administration King Saud University (KSU) Riyadh, Saudi Arabia

Abstract– The purpose of this study was to assess the perceptions of healthcare providers towards health information technology applications in King Abdul-Aziz Medical City in terms of benefits, barriers, and motivations. As for drivers, healthcare providers generally would be motivated to use the IT applications by provision of new applications and training, contribution in change hospital's work procedures, and provision of technical support. A self-administered questionnaire was developed based on extended literature review and comprised 25 statements on a five- point Likert-scale. Keywords– Healthcare providers; Health Information Technology; Computerized Patient Record; King Abdul-Aziz Medical CitA sample size of 623 was drawn from a population of 7493 healthcare providers using convenience random sampling method. Results indicate that the majority of healthcare providers use KAMC health information applications. The majority of healthcare providers perceived that the applications are valuable and beneficial. The study population consists of all healthcare providers working at KAMC. Finally, there were significant differences in the perceptions with respect to gender, occupation, and training. However, healthcare providers were split over the barriers to HIT use in KAMC. Also, there were many barriers identified by healthcare providers. These were insufficient number of computers, frequent system down, and the use of computerized systems is time consuming. 377 were returned, giving a response rate of 60.5%.