Perspectives of healthcare professionals on reasons of medication errors occurrence: A cross-sectional study

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Background: Patient safety is a central concern of current health-care delivery systems, and several recent studies initiated by the Institute of Medicine have reported the high incidence of Medication Errors (MEs). Unfortunately, identification and reporting are often far less than complete. The objective was to evaluate healthcare professionals’ perspective on reasons of MEs occurrence and what are the most common reasons for under reporting them at King Abdulaziz Medical City (KAMC) in Riyadh.

Method: Cross-sectional study was conducted at KAMC in Riyadh. Two self-administered paper-based surveys were used to collect information.

Result: The response rate was 82%. The study cohort was composed of 62 (42.18%) pharmacists, 45 (30.61%) physicians, and 40 (27.21%) nurses. Healthcare Professionals Perception towards Contributing Factors of MEs Occurrence results showed a significant difference in the perception of healthcare professionals (physicians, pharmacists, and nurses) with respect to the underlying factors of MEs. The main differences were limited to the interruption while writing the order, clarity of physicians order, caring for many patients using same medications, no double checking of the doses, double checking is not efficient (p=<0.0001), lack of information about medication (p=0.0007), hospital computer system (p=0.0004), and knowledge of allergies (p=0.018).

Biography
Menyfah Q Al Anazi is a Pharmacist currently working at the Drug Policy and Economic Center of Ministry of National Guard – Health Affairs. She has completed Clinical Pharmacy Practice since 2007, and is certificated in Clinical Research Coordinator since 2009. She has been awarded Plaque of Recognition Best Third Research Abstract category of the 9th Resident’s Day (Oral Presentation) and participated in many researches.

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