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Development of clinical pharmacy services at King Khalid University Hospital and its impact on the quality of healthcare provided

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Clinical pharmacy is a unique service provided by the leading pharmacy departments in the United States. The concept of clinical pharmacy evolved after the significant increase in number of pharmaceuticals in the market and the increasing potential of drug interactions. However, the clinical pharmacists are not merely the individuals who advise on the drug interactions. There are number of functions which include but not limited to; design of appropriate drug therapy, pharmacokinetics assessment and evaluation to optimize drug therapy, drug information dissemination to the physicians and other healthcare providers and participate as toxicology consultant in poison management. At King Khalid University Hospital (KKUH), the first clinical pharmacy services program began in 1983. The aim of this study is to evaluate the impact of our clinical pharmacy program on the patients' care as well as its perception by the medical staff that came from different parts of the World. Our clinical pharmacists were asked to record any suggestions or interventions in the form. The forms were all collected at the end of each day and entered into a database for analysis. Each intervention was analyzed in order to assess the merit of the action in terms of the therapeutic, financial and direct cost impact. The study showed a positive impact on the patients' care as well as on the economy of drugs prescribing. Meanwhile, the service was very much appreciated by the medical staff as well as other healthcare providers.

Biography

Abdulaziz A Saddique has a Bachelor of Pharmacy Degree from King Saud University and Doctorate degree in Clinical Pharmacy from the University of Minnesota. He is a Certified Clinical Toxicologist and Clinical Pharmacy Specialist in Intensive Care, also is a Certified Professional in Health Care Quality (CPHQ), California, USA and Certified Six Sigma Master Black Belt. He is a member of King Abdulaziz Quality Award, Committee, and Healthcare Standards Committee Ministry of Health. He published seven books on Quality Management, Pharmacy, and Toxicology and more than 100 papers in national and international journals.

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