

8th World Congress on

HEALTHCARE & MEDICAL TOURISM

November 17-18, 2016 | Dubai UAE

DETECTING ADVERSE DRUG EVENTS USING INFORMATION TECHNOLOGY: IDENTIFYING KNOWLEDGE, ATTITUDE, PRACTICES & BARRIERS TO ADVERSE DRUG REACTION (ADR) REPORTING IN A SECONDARY HOSPITAL

Shireen Mohammad^o, Nadia Mohammad^o, Hina Mahboob^o, Arjumand Sohaila^o, Rahila Meghani^o, Kashif Sajwani^o, Adnan Khan^o and Rozina Shazad(s)^o^oAga Khan Hospital for Women, Pakistan

Introduction: Healthcare professional's knowledge and attitudes to ADR and its reporting play vital role to report any cases of ADR. Positive attitudes may favor ADR reporting by healthcare professionals. This project was aimed to investigate the attitudes towards and ways to improve ADR reporting among healthcare professionals working at Aga Khan Hospital for Women Garden. Based on Incident reporting analysis it was identified that only 7 ADRs were reported in 2014 & 2015. However, based on the random spot check as well as through ADR trigger tool file audit it was identified that ADR is a critical issue & not being reported.

Methodology: Retrospective Study was done for 6 months from Oct, 2015 to March 2016. For the implementation of this project six sigma DMAIC methodology was implemented. Data was measured by filling questionnaire regarding knowledge & attitude of health care workers. Once the data was gathered it was analyzed & further worked on it to improve & control the process with the help of information technology.

Results: ADR reporting form was modified, CMEs were arranged to train all HODs, staffs, Customized IHI ADR trigger tool was developed as well as pharmacist was trained to conduct MR reviews for sustainability, spot checks by HODs to check compliance was done. Pre Project compliance in staff knowledge= 40% Post project compliance in staff knowledge= 94%

Conclusion: Culture of openness should be ensured by regular training and re-enforcement of guidelines for medication management & ADR reporting among health care personnel.

Biography

Shireen Mohammad has done Diploma in Nursing from AKUH, Pakistan. After completing her Diploma in Nursing and serving AKUH in 1993. She re-joined The Aga Khan Hospital for Women, Garden in 2012 as Quality Improvement patient safety officer. In addition to her quality responsibilities she has special interest in quality projects. She has published abstract in ISQUA and IHI and presented quality projects in Brazil on Reducing Surgical Site Infection Rate in Cesarean Cases and Streamlining Reporting System of Critical Neonatal Bilirubin Results in October, 2014. She is also BLS Instructor, member of AKU and CPSP CPR committee, JCIA taskforce committee, Risk management committee and organizer & Secretary of Quality improvement committee.

shireen.mohammad@aku.edu

Notes: