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Safety of high alert medications' quality improvement project 2018

Aim: To review the safety process of HAMs in chemotherapy intrathecal procedure room and to improve compliance of independent double check practice (performance) before administration of intrathecal chemotherapies and documentation).

Significance of the Problem: Safety of high alert medication is an international patient safety goal. Independent double check against five rights of high alert medicine before administration and its documentation. Safety of HAM is a patients' safety concern, impacting patient's health. Joint commission standards addressed High Alert Medications' (HAMs) issue in Medication Management and uses (MMU) and elaborated that HAMs related error causes sentinel event, prolong hospital stays, increase suffering and cost burden for patients/families as well as organization.

Methodology: Three months retrospect charts of 68 patients who received IT reviewed (43 Adult and 25 Pediatrics) pre and post implementation. Independent double check compliance Pediatric was 44% and adult independent double check compliance was 84%.

Results: After implementation the post intervention audit results of pediatric patient chart were 100% compliant and adult patients chart review was 93% compliant. Improvement will be followed to achieve bench mark of 100% compliance for adult patients as well.

Conclusion: Independent double check is a paramount safety ensuring process and must be carried out before administration of high alert medication as recommended by Institute for Safe Medication Practices (ISMP) At our hospital, strategies of ISMP are implemented and monitored across the hospital where HAMs' are handled. In particular, chemo bay till the gains to achieve 100% compliance for chemo adult patients as well. An improvement project followed by Plan, Do Check, Act (PDCA) cycle for chemo pediatric patients is continuously monitored for sustainability.

Biography

Gulzareen Emmanuel has completed her Bachelor's Degree from Agha Khan University nursing education Karachi Pakistan. Her Field Of Study Elective is Nursing Education and Management at clinical setting. She is presently working as Assistant Director Nursing (Ambulatory Services) at Shaukat Khanum Memorial Cancer Hospital Lahore, Pakistan.

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