

NATIONAL PHARMACOVIGILANCE PROGRAMME IN RAJASTHAN

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Introduction: Voluntary reporting of adverse drug reaction (ADR) started In Rajasthan few years ago and 157 ADRs have been reported to ADR reporting centre this year but only 4 case reported with anesthetic drugs. Nurses and paramedical workers are the key persons to report drug reactions resulting from over-the counter (OTC) and prescription drugs. They form an important part of the reporting team in Rajasthan. Hence, it is necessary to train them in appropriate manner to make them acquainted with ADR reporting system for improvement of quality of reports as per CDCSO guidelines from those departments shows poor reporting.

Aim: To assess the impact of 'training and sensitization session' on the knowledge of nurses and paramedical workers regarding ADR reporting as per CDCSO guidelines and increase awareness of National Pharmacovigilance programme

Study Design: Interventional study

Methods: The knowledge of nurses and paramedical workers were assessed using predesigned and pretested semi-structured questionnaire and entered into the MS excel spread sheet. After sensitization and training session knowledge was reassessed after one month using the same tool. Data thus collected was analysed by using Non parametric techniques/methods. The training was imparted to 184 nurses and paramedical workers in different batches of size about 30 each.

Results: The results revealed improvement in knowledge of 76% - 95% of nurses and paramedical workers and statistically significant impact of training and sensitization session.

Conclusions: Nurses and paramedical workers who record signs and symptoms of the patients and responsible to administer drugs play an important role for detection of suspected ADRs and their knowledge status matters a lot for quality reporting as per Central Drugs Standard Control Organisation guidelines.