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Evaluation of knowledge, attitude and perception of healthcare professionals towards pharmacovigilance and (Adverse Drug Reaction reporting) ADR reporting in South India

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Reporting Adverse Drug Reactions spontaneously is considered as a corner stone of pharmacovigilance. However, its success depends on co-operative and motivated health care professionals. Under reporting of the Adverse Drug Reaction by the healthcare professionals is a common problem. The current prospective, cross sectional, observational, questionnaire based, interventional study was designed to assess the awareness of Pharmacovigilance and ADR reporting, and to evaluate the impact of an educational intervention. A validated (pilot study) self-administered (KAP) Knowledge, attitude, perception survey questionnaire was used in the study. This prospective knowledge attitude practice (KAP) questionnaire study, of 6 month duration included a total of 225 (90%) participants out of 250. An interactive educational intervention was designed for all participants of pre-KAP questionnaire survey. The impact of effectiveness of educational intervention among the pharmacy students was evaluated by means of post-KAP questionnaire survey. The paired t-test and chi-square test in GraphPad InStat was used for statistical calculation. The overall response rates between pre intervention and post intervention was statistically significant ($P < 0.001$) shows effectiveness of educational intervention for improving awareness of pharmacovigilance and ADR reporting among the participants. The study concluded that imparting the knowledge and awareness of Pharmacovigilance among the healthcare professionals' means of continuous educational intervention would bring up updated knowledge and practice in drug safety and rational use.

Biography

Suresh C received his degree in Bachelor of Pharmacy from Jawaharlal Nehru Technological University Anantapur (JNTUA) in the year of 2012. Currently he is pursuing Doctor of Pharmacy (PharmD) post baccalaureate degree in Raghavendra Institute of Pharmaceutical Education and Research (RIPER), Anantapuramu, Andhra Pradesh. He is a member of various professional organizations like ISPOR - India Andhra Pradesh chapter. He is an active participant and acted as student volunteer in organizing committee of ISPOR - India Andhra Pradesh chapter.

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