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A survey on knowledge of Adverse Drug Reactions among doctor of pharmacy students

A Nagesh¹, R Sucharitha¹, T Swathi¹ and K Vasudev²

¹Vaagdevi College of Pharmacy, India

²Kakatiya Medical College, India

Adverse Drug Reactions (ADRs) are one of the major problems associated with medicines. The aim of the current study is to check the knowledge and awareness regarding Adverse Drug Reaction and its reporting among Doctor of Pharmacy (PharmD) students. A cross-sectional survey was conducted at Vaagdevi College of Pharmacy in Warangal. The awareness program was open to all the years of PharmD II, III, IV, V and VI. The study contains 10 questions which were prepared using various standard references and it was administered to each student to answer in a time period of 10 minutes. It contains questions like definition, safety reporting, pharmacovigilance started program, number of ADR monitoring centers present, location of pharmacovigilance national coordinating center, card used for reporting ADR, drugs recently banned in India, basic principles of rational use of medicines, reporting of ADR, epidemiology of ADR. A total of 150 students were actively participated in this survey. Out of 150 students 100 (66.67%) students were participated. Among them PharmD II year 18 (18%), III year 24 (24%), IV year 20 (20%), V year 21 (21%), VI year 17 (17%) are involved. Question regarding rational drug use was answered maximum by 78 (78%) of students. Next to it question regarding presence of national coordinating centre present was answered by 70 (70%). 87 (87%) students were answered incorrectly about epidemiology of ADR. Final years were answered 70 % correctly. Second years were answered correctly of with a least 56%.

Biography

A Nagesh has completed his Doctor of Pharmacy at the age of 27 years from Kakatiya University and stood university topper. He has published more than 10 papers in reputed journals. His areas of interests include pharmacovigilance, drug safety and patient education.

nagesh.adla@gmail.com