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Assessment of drug related problems in geriatrics with polypharmacy

Sushma Muchukota, Manjuladevi A S, Y P Reddy and Mohanraj Rathinavelu
Raghavendra Institute of Pharmaceutical Education and Research (RIPER), India

Drug related problems are an essential term in the world of pharmaceutical care. Other terms can be used for the same concept, such as medication errors, but this term is different from drug related problems. The fact that the elderly take more medications for the treatment of several diseases makes them more susceptible to the occurrence of adverse reactions. The errors refer to the mistakes in the process that could lead to problems. Drug related problems can originate when prescribing, dispensing or taking/administering medicines. The aim of this study was to analyze the drug related problems and usage of drugs among geriatric patients living at old age homes. The results of study shows that males (59.33%) are more affected with chronic diseases than females (41.67%). Drug related problems due to drug interactions (62) followed by drug overdose (54). Most of the interventions for inappropriate drug contraindications, Adverse Drug Reactions were rectified and improved (100%) followed by other problems. The study concluded that pharmacist can prevent clinical drug related problems by making a suitable intervention.

Biography

Sushma Muchukota currently a student pursuing Doctor of Pharmacy Program in Raghavendra Institute of Pharmaceutical Education & Research (RIPER) affiliated to Jawaharlal Nehru Technological University Anantapur (JNTUA) Anantapuramu, Andhra Pradesh. She is an active student member of ISPOR - India (International Society for Pharmacoeconomics & Outcome Research, Andhra Pradesh - Regional chapter) and student volunteer in organizing various conferences and workshop in relation to ISPOR, and published nearly 04 research and review study in national and international journals to her credit. She has presented nearly 6 poster and oral presentations till date. She is well versed in interpreting selected laboratory results of specific disease states, skilled in prescription analysis & expertise in patient counseling.

sushma.banthi@gmail.com