

3rd International Conference and Exhibition on Pharmacovigilance & Clinical Trials

October 27-29, 2014 Hyderabad International Convention Centre, India

Retrospective analysis of hospital admissions due to cutaneous Adverse Drug Reactions in a tertiary care center

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Objective: Adverse Drug Reactions are a constraint to successful outcome of Pharmacotherapy. ADRs can result in serious implications like Morbidity & Mortality which in most of the cases can be prevented. This study analyses the Hospital admissions due to ADRs.

Methods: This retrospective study analyzes the admissions of ADRs as the chief presenting symptoms in Sri Ramachandra Medical College & Hospital in the time period of 9 years (year 2004 to year 2012). In the span of 9 years 42 cases which comprised of 31 females and 11 males were admitted with a wide spectrum of presenting symptoms which pointed out to be ADRs.

Results: Among the admitted cases the presenting symptoms which indicated ADRs were generalized maculopapular rash, generalized reddish scaly lesion angioedema, urticaria and Pityriasis rosacea. The drugs were found out to be combinations of NSAIDs with antiepileptic, combination of NSAIDs with antibiotics and antiepileptics alone sharing the top spot of causative agents, other agents being antipsychotics, hormones, retinoid, herbal agents, Antibiotics, NSAID, Antitubercular drugs.

Conclusion: From the study it is significant that skin lesions are the commonest clinical manifestations of the ADR and it is the reason for admission. As this is a retrospective study, further studies are required to claim its validity.

Biography

C Vasanthi after MBBS had completed MD Pharmacology in 2003 and almost 12 years of experience as a PG teacher in Sri Ramachandra Medical College. She has been guiding the postgraduates and has about 7 papers in reputed journals. She is the Member Secretary of Pharmacovigilance Centre of Sri Ramachandra Medical college and member of Institutional Ethical Committee for Clinical trials.

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