

An overview on significance of pharmacovigilance study

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Pharmacovigilance is defined as the pharmacological science involving in the detection, estimation, understanding and prevention of adverse effects, mostly in case of long term and short term side effects of medicines. The major objective of study of pharmacovigilance is to identifying new information about hazards associated with medicines preventing harm to patients. It also explains the product's pharmacological or toxicological properties and the mechanism how it produces adverse drug reactions, identification and quantification of previously unrecognized adverse drug reactions and also to monitoring the safety of a product throughout the duration of its use. It also explains the detection of significant drug-drug interactions between new products and co therapy with agents already established on the market. In conclusion, the study of pharmacovigilance is intended to improve the patient care and safety, public health, estimation of benefit, harm, effectiveness and risk of medicines, promotes understanding, education and clinical training.

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