PHARMACOVIGILANCE: A CARE OF MEDICINES IN RELATION WITH SAFETY

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ABSTRACT

Pharmacovigilance (PV) is science of pharmacological studies such as detection, assessment, understanding and prevention of adverse drug effects of medicines for long and short time. The aim of the PV is to improve the patient care, public health and safety, assessment of benefit, harm, effectiveness and risk of medicines and promote understanding, education and clinical training related to medicines. Two of software are used for the PV which helps the patients, doctors and manufacturers in the medical world viz. PV Works and PV Works (Vet). PV software minimizes the risk of adverse events (ADR) by using genetic profiles, maintain regulatory compliance and improve operational efficiency, determines the benefit-risk ratio quickly and makes accurate determinations as to whether a product is safe or not. Global information can be easily shared by means of this software. In PV we have to report the ADR observed in the medicines. Any health care professionals can report the ADR.

KEY WORDS: Pharmacovigilance, safety, medicines, ADR.