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Pharmacovigilance: A worldwide master key for drug safety monitoring

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Pharmacovigilance is like a sunshade to describe the processes for monitoring and evaluating ADRs and it is a key component of effective drug regulatory systems, clinical practice and public health programmes. The number of adverse drug reactions (ADRs) reported resulted in an increase in the volume of data handled, and to understand the pharmacovigilance, a high level of expertise is required to rapidly detect drug risks as well as to defend the product against in an appropriate removal. The current global network of pharmacovigilance centers, coordinated by the Uppsala Monitoring Centre, would be strengthened by an independent system of review. This would consider litigious and important drug safety issues that have the potential to affect public health adversely beyond national boundaries. Recently, pharmacovigilance has been confined, mainly to detect adverse drug events that were previously either unknown or poorly understood. Pharmacovigilance is an important and integral part of clinical research and these days it is growing in many countries. Today many pharmacovigilance centers are working for drug safety monitoring in this global pitch, however, at the turn of the millennium pharmacovigilance faces major challenges in the aspect of better safety and monitoring of drugs. In this review we will discuss about drug safety, worldwide pharmacovigilance centers and their role, benefits and challenges of pharmacovigilance and its future consideration in healthcare sectors.

Biography

Eedhara Brahmani has been pursuing the Doctor of Pharmacy (Pharm-D) 4th Year at the age of 22 year in Talla Padmavathi College of Pharmacy, Kakatiya University, Warangal, Andhra Pradesh, India. She has presented more than 10 review articles at various national conferences like Indian Pharmaceutical Congress in the year 2009-12, Indian Student Congress in the year 2011. She was awarded the 2nd prize in a national seminar on pharmaceutics and 1st prize in a national seminar held on biological sciences. She is about to complete her diploma in pharmacovigilance at Medvasity, Hyderabad.

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