

3rd International Conference and Exhibition on Pharmacovigilance & Clinical Trials

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

Pharmacovigilance: A contemporary view

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Pharmacovigilance deals with the study of detection, assessment, understanding and prevention of adverse reactions to medicines (i.e. Adverse Drug Reactions or ADRs). As per WHO norms ADR is response of a drug which is noxious and unintended, and which occurs at doses normally used in humans for the prophylaxis, diagnosis, or therapy of disease, or for the modification of physiological function. The vital ambition of this activity is to improve the safer and rational use of medicines and improving patient safety care and public health. Pharmacovigilance is needed to establish various mechanisms to detect and combat fake medicine present in market. The Pharmacovigilance program was started in 1968 by WHO. WHO had taken initiative to assure that there is never a repeat of phocomelic tragedy of thalidomide. Thalidomide is drug of choice used by pregnant lady for morning sickness. In past few years it was not mandatory for pharmaceutical industries to have a Pharmacovigilance system, as markets experience was used by companies to assess safety parameters and to perform counteractive action. By means of forthcoming new patent regime in Indian pharmaceutical industries, India can no longer copy patented products and market them without license from Innovator Company. Therefore the importance of properly designed Pharmacovigilance system for pharmaceutical industry is required now days and more Pharmacovigilance centers should be established; preferably in medical colleges. Without a well formatted Pharmacovigilance system business contract between two companies and safety data exchange conformity cannot be possible. Awareness should be created and a change in mind-set is required at all levels.

Biography

Jyoti Dahiya, is an Assistant Professor in the Department of Pharmaceutical Sciences at Baba Mast Nath University, Rohtak. She did the Bachelor in Pharmacy in 2010 and the Master in Pharmacy in 2012 from MDU and UHS, Rohtak respectively. Subsequently she joined as Assistant Professor in the BMU, Rohtak. Prior to joining the University she had undertaken the project on the "Development and evaluation of ready to use ethanol free anticancer injectable of Gemcitabine Hydrochloride" at FRESSENIUS KABI ONCOLOGY LTD, Gurgaon. She has a publication on "Fast dissolving tablets: an overview." in the Novel Science International Journal of Pharmaceutical Science, 2012. Besides she had also attended the National I. P. G. A. Conference at JCDM College of Pharmacy, Sirsa in march, 2011, the National Symposium at SBMNIPSR, Rohtak in march, 2012 and the first annual conference of APTI, Haryana State Branch in Aug, 2014 at Kurukshetra University, Kurukshetra. In addition to teaching, she is also a great sports enthusiast. She had secured III position in Inter University Gymnastics (Rhythmic) and represented the school at the National Level Table Tennis Championships. She also likes reading and listening to songs.

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