

# 3<sup>rd</sup> International Conference and Exhibition on Pharmacovigilance & Clinical Trials

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## A review on ongoing challenges in Pharmacovigilance

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Pharmacovigilance is the continuous process of evaluation accompanied by steps to improve safe use of medicines which involves pharmaceutical companies, regulatory authorities, healthcare professionals and patients but yet it faces challenges in which the first foremost one is political will in which government has a key role in planning and sustaining a programme. Second one is the system used for reporting should be easy simple and commonly known. Pharmacovigilance has four major steps detection, reporting, deduction, and decision in which each step faces a challenge. Detection is not well performed due to the lack of adequate number of properly trained persons to perform spontaneous reports, case series, intensive monitoring, cohort studies, and case-control studies. Reporting is another important challenge, due to busy schedule of healthcare professionals and their greater emphasis on disease rather than drugs. Deduction is the analysis of available information which is not done because of no one to monitor them and take the necessary action when needed. Information analysis is a highly specialized job and method which requires specialized personnel to perform them. To meet the multifaceted challenges of pharmacovigilance, a science based public health focused, collaborative and global approach is needed. Evidence based approaches to engage patients and practitioners in pharmacovigilance need to be developed and tested. Collaboration of pharmacovigilance centers with other public health agencies will allow pharmacovigilance systems to be more accessed.

## Biography

A Lekhanth is presuming PharmD fifth year, Annamacharya College of Pharmacy. He has presented a case report on zidovudine induced anemia in PACE-2013 held at Chalapathi college of pharmacy. He has presented a poster on Incidence and Prevalence of Diabetic complications in a tertiary care hospital in the conference held by Indian Association of Colleges of Pharmacy. He has attended a module held at SR University. He was a delegate to the conference held at RIPER on the future opportunities of PharmD.

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