

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

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## *In vitro and in vivo* leaf extracts of *Gymnema sylvestre* involve the protective effects and development of metabolic syndrome in high-fat diet-fed rats

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Under-reporting is a grave problem in our institute also similar to other colleges of India with most common reason being lack of awareness and attitude amongst physicians (results of our previous published work). The current study aimed to improve and determine the status of knowledge, attitude and practice towards pharmacovigilance amongst doctors, residents and nurses. Regular CME's, workshops, guest lectures, departmental rounds, symposiums, distribution of booklets, newsletters, display posters across the hospital, and numerous other methods were undertaken to increase the awareness. This study was a cross-sectional questionnaire based survey conducted at our tertiary care teaching hospital. Study instrument was a self developed, pre-validated questionnaire consisting of a total of 26 questions. The target respondents were doctors, residents and nurses. A total of 260 questionnaires were considered for analysis. Highest response rate was found again amongst residents. There was an evident increase in the knowledge aspect amongst the respondents eliciting the success of programs undertaken. These programs had been successful in bringing a change in attitude amongst the respondents with almost 95% respondents believing that ADR reporting is an obligation and 90% were of a view that pharmacovigilance should be part of the curriculum and must be taught in detail. This has led to improvement of practices of ADR reporting. Respondents are aware of the aspects of the ADR reporting forms and primarily the occurrence of ADR. The determined approach taken at our institute is paying dividends, with the increased sense of responsibility amongst respondents in reporting ADR and practices of Pharmacovigilance.

### Biography

Bakrudeen Ali Ahmed Abdul, working as Senior Lecturer in the Faculty of Science, University of Malaya, Kuala Lumpur, Malaysia. His research areas include the application of plant propagation, bio-active compound production via Plant tissue culture methods. Development of pharmaceutical products and pharmacological studies. He is Member of IABMS (Indian Biomedical Scientist Association) and MSPP (Malaysian Society of Plant Physiology). Indian Biomedical Association has given him the Agathiyar Award 2007 for his work. He has received bachelor's degree (Chemistry), Master degree (Biochemistry) and Ph D (Plant Science-Biochemistry) from Bharathidasan University, Tiruchirappalli, Tamil Nadu, India. He has 3 years Postdoctoral Fellowship experiences in Pukyong National University, Busan, South Korea and University of Malaya, Kuala Lumpur, Malaysia. He has published 47 publications, including the 17 ISI publication, 14 Book chapters etc.

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