

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

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

## Impact of pharmacist intervention on knowledge, attitude and practice related to dengue fever in residential population of Mysore

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**A** prospective, educational interventional study was conducted among 177 residents of Mysore over a period of 1 year to assess the impact of pharmacist provided education on knowledge, attitude and practice about dengue fever in the residential population of Mysore with reference to demographic, socio-economic and literacy patterns. Sample population was interviewed using a validated and interviewer-administered KAP questionnaire. Then all the patients were provided education with a pre-designed Patient information leaflet (PIL). After 1 month, KAP questionnaire was re-administered to assess the Knowledge, Attitude and Practice about dengue fever and the overall scores were calculated and compared to assess the impact of health education on knowledge, attitude and practice on Dengue. Analysis of results gave a significant improvement in the mean knowledge score from 2.5 to 12.5 in pre and post-education respectively. Similarly, significant improvement was found in attitude and practice with an increase of scores from 38.4 to 52 and 2 to 7 respectively regarding dengue fever. Results of study also showed significant improvement ( $P<0.05$ ) between the total KAP scores of pre-education (mean=24) and post-education (mean=72.5) for all the respondents. Our study concludes that Pharmacist intervened education has improved the patient's knowledge, attitude and practice on dengue fever and this in turn can lead to better adoption of measurements for prevention of dengue fever.

### Biography

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