

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

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

## Analyzing burden of cost of therapy in patients affected with acute coronary syndrome in tertiary care hospital

Kota Lakshmi Narasimha Rao  
Annamalai University, India

The present research deals with pharmacoepidemiology and pharmacoeconomics study of Acute Coronary Syndrome (ACS) & its impact on Patient's therapeutic outcome and cost of therapy. According to a recent WHO report around 100 million people are reduced to poverty every year due to costs associated with illness. Contributing to the growing literature on the economic burden of illness, this article examines the indirect and direct costs of illness that occurs on household level, describes its influence on treatment seeking behaviour and assesses its impact on household welfare. The contemporary research was performed in Coronary Care Unit (CCU) and medicine ward Department of Medicine, RMMC & Hospital over 65 patients to illustrate the expenditure in harmony with achieved desired therapeutic outcomes by analyzing therapy cost of ACS supplemented via Therapeutic Outcomes using Minnesota Living with Heart Failure & Condition Questionnaire (MLHFCQ). The values were observed & recorded using appropriate data collection forms & MLHFC Questionnaire. The total cost (TC) spent was recorded as Rs 451320.98 with most patients (n=16; 35.61%) paying in cost range of (Rs 7000 to 9000). The total direct therapy cost was Rs 399320.98 accounting 88.47% of TC & indirect cost Rs 52000 (11.52% of TC). Significant improvement observed in overall mean MLHFC score of 62.93 compared to the baseline score of 37.94 rated moderate. Thus by prescribing Economic Rational Therapy same level of therapeutic improvement can be attained in low cost.

### Biography

Kota Lakshmi Narasimha Rao is working as PharmD intern in Annamalai University Chidambaram, Tamil Nadu. He has presented 2 articles one is review and other research in national conferences like RTNDDS'13 and APTICON 2013.

[simha933@gmail.com](mailto:simha933@gmail.com)