

CHAPTER -III



AIM AND OBJECTIVES

The aim of the study was to investigate the adherence problem and to identify the associated factors in hyperlipidemia patient population by performing a patient survey with the following objectives.

1. To analyze base line characters of the identified medication non-adherent hyperlipidemia subjects.
2. To determine the prevalence and patterns of medication non-adherence amongst hyperlipidemia patients receiving medical care from the private and public healthcare systems.
3. To study various reasons for self modifying the dosage regimen in non adherent patients
4. To analyze the adverse drug effects experienced by hyperlipidemia patients and their response.
5. To assess patient's health belief regarding hyperlipidemia and hypolipidemic drugs.
6. To study quality of life by assessing patient's functional status
7. To analyze patient expectations of and satisfaction with the health advice provided by the physician.
8. To compare various study parameters between the adherent and non-adherent groups.
9. To identify factors which influence non-adherence in the selected population.
10. To implement, and evaluate the effect of a pharmacist-managed counseling center on adherence levels and clinical outcomes in hyperlipidemia non- adherent patients.
11. To study and compare biochemical parameters of patient's population, estimated during the study period. Following biochemical parameters are estimated.
 - Total cholesterol (mmol/L)
 - High density lipoprotein- cholesterol (mmol/L)
 - Low density lipoprotein- cholesterol (mmol/L)
 - Triglycerides (mmol/L)
 - Fasting Blood glucose (mmol/L)

12. To study the impact of pharmacist intervention at patient counseling center on hospital outcomes.
13. To study the impact of pharmacist intervention on health care utilization during study period