Aims & Objectives of Thesis

The scenario of pharmaceutical drug delivery is rapidly changing conventional pharmaceutical dosage forms are being replaced by new drug delivery systems. These new drug delivery systems are having edge over conventional ones in terms of many biopharmaceutical parameters. One such drug delivery system is sustained-release drug delivery system. The primary objective of sustained-release drug delivery system is to ensure safety, improve the efficacy, reduce the dose frequency and ultimately result in improved patient compliance. The primary aims and objective of the present studies are pointed below:-

1. Development of Enalapril Once Daily sustained release formulation to treat especially the morning Hypertension & otherwise moderate to severe Hypertension.
2. Characterization of Enalapril Once Daily sustained release formulation
5. To find out good mathematical model to describe relation between in-vivo & in-vitro dissolution.
6. In vitro in vivo correlation of sustained release formulations

Secondary objective of the study is given below:-

1. Secondary objective will be to monitor the safety of subjects.