2. AIM AND OBJECTIVES

2.1 Aim of the Study

With the development of the new immunosuppressant drug, old drugs were replaced by new drugs as newly developed drugs having more potent and more specific immunosuppressant activity. Many studies were conducted outside India to identify the trends of the prescription pattern, but in India, such type of research is not done. So, I am performing this study to determine the prescription trends of an immunosuppressant drug in Indian renal transplant patients.

In India, many studies were conducted to identify the effect of immunosuppressant drugs on patient and graft survival and also complication after transplantation, but the sample size was small. So, it was difficult to identify the actual effect of the drug on Indian transplant patients. Based on this, I performed the retrospective study in a large number of patients to determine the actual effect of the drug on graft survival and patient survival and to identify major complication after transplantation in Indian transplant patients. I also perform the prospective study in Infection as it is a major complication after transplantation.

2.2 Objective

Based on above information, the objective of our study was as bellow.

For retrospective study

1) To know utilization of immunosuppressant drug in a renal transplant patient.
2) To know Trends of immunosuppressant drug prescription
3) To know impact of drugs on graft function and graft survival
4) To know effect of drug on diabetes after transplant
5) To know major infectious complications after renal transplant

For prospective study

1) To know effect of drug on infection after renal transplantation