3. AIM AND OBJECTIVES

The aim of this study is to investigate the frequency of HLA class II alleles and their association in severity of Hepatitis B viral infection.

- To find out the seroprevalence of Hepatitis B viral infection in patients attending tertiary care hospital.
- To study the HBV seromarkers in identifying the acute and chronic HBV infection in HBsAg seropositive participants.
- To correlate the demographic and risk factors among the seropositive participants and healthy controls.
- To detect the presence and frequency of HLA DRB1*07:01, HLA DQB1*03:01 and HLA DPB1*09:01 alleles in cases and controls.
- To evaluate the association of HLA DRB1*07:01, HLA DQB1*03:01 and HLA DPB1*09:01 alleles in acute and chronically infected HBV patients.