Seroprevalence of anti-Human Cytomegalovirus IgM and IgG antibodies Among Atherosclerotic Patients In Baqubah Teaching Hospital

**Abstract**

**Background:** Human cytomegalovirus is one of the most affects in cardiovascular system.

**Objectives:** To assess the seroprevalence of anti-HCMV IgM and IgG among atherosclerotic patients and compare with apparently health control group.

**Patients and methods:** fifty one patients with atherosclerosis were tested for anti-HCMV IgM and IgG by enzyme-linked immunosorbent assay (ELISA) and compared with 20 apparently health control individual of matched as control group. All patients selected randomly from intensive care unit in Baqubah Teaching Hospital during the period from October 2016 till the end of February 2017 and the Socio-demographic and clinical data was arranged in an informative formula sheet which includes: gender, age, residence, marital status, education levels, occupation, history of blood pressure, history of heart disease, smoking habit and having diabetic and other cardiovascular disease, body mass index.