

Objectives:

1. To assess the nature and severity of dyslipidemia state in cardiovascular patients.
2. To find out whether peripheral immune-parameters reflect the inflammatory alterations occurring during atherosclerotic plaque formation.
3. To investigate the status of systemic oxidative stress as a potential contributor of inflammatory responses and increase in pro-inflammatory cytokines levels.
4. To investigate the important metabolic hormones like T3, T4 and TSH and their levels in association with cardiovascular disease status.
5. To investigate whether any association exists between dyslipidemia and immune-inflammatory markers level in the manifestation of disease outcome.