AIMS AND OBJECTIVES

Aims

1. Establishment of correlation of FTO gene polymorphism with type 2 diabetes mellitus and obesity.
2. We will establish the correlation of obesity and blood sugar level.
3. The correlation of socio-demographic findings and obesity.
4. Correlation anthropometric measurements and obesity.
5. Correlation of thickness of skin folds with existence of diabetic and CVD.
6. Correlation of lipid profile with fat distribution in subcutaneous fat (thickness of skin folds).

Objectives

1. To study FTO (SNP rs9939609) gene expression in the north Indian (specially in Kanpur and nearby areas) population with use of real time PCR.
2. To study of FTO genetic Variants and type 2 diabetes mellitus with gene (SNP rs9939609).
3. To study the correlation of obesity and hypertension.
4. To study the correlation between obesity and risk of CVD.
5. To study the correlation of obesity and type II diabetes.
6. To study the correlation of hypertension and type II diabetes.