AIM & OBJECTIVES

The aim of this study is to find out the role of sVCAM-1 in knee osteoarthritis among non-diabetic and diabetic postmenopausal women. To fulfill the aim of the study, we planned to find out the following biochemical and inflammatory parameters in non-diabetic/diabetic subjects with and without radiological finding of knee osteoarthritis.

To achieve the aim of this study we took the following objectives in postmenopausal women:

1. To know the status of sVCAM-1 in both non-diabetic and diabetic subjects.
2. To know the level of blood/saline biochemical parameters such as fasting blood sugar, glycosylated hemoglobin, lipid profile and uric acid in both non-diabetic and diabetic subjects.
3. To estimate the level of inflammatory marker CRP in both non-diabetic and diabetic subjects.
4. To estimate the level of estrogen hormone in both non-diabetic and diabetic subjects.
5. To find out the correlation of sVCAM-1 with all the parameters.