

## SUMMARY AND CONCLUSIONS

The present study was conducted to determine the levels of serum and gingival tissue zinc and magnesium among controlled clinically type II diabetic pregnant women, healthy pregnant women and non-pregnant, non-diabetic controls. and their relation to the gingival and periodontal condition.

A total of seventy patients participated in this study. They were divided into :

### Group I:

It consisted of thirty healthy pregnant women, further subdivided into:

Subgroup 1 : 10 healthy pregnant women in the first trimester.

Subgroup 2 : 10 healthy pregnant women in the second trimester.

Subgroup 3 : 10 healthy pregnant women in the third trimester.

### Group II:

It consisted of thirty controlled clinically type II diabetic pregnant women, further subdivided into:

Subgroup 1 : 10 controlled clinically type II diabetic pregnant women in the first trimester.

Subgroup 2 : 10 controlled clinically type II diabetic pregnant women in the second trimester.

Subgroup 3 : 10 controlled clinically type II diabetic pregnant women in the third trimester.