

Group III: (Control group)

It consisted of ten non-pregnant, non-diabetic, healthy women.

All subjects were submitted to the following investigations :

I. Clinical Dental Examination:

It included recording of the plaque index, retention index, gingival index, pocket depth and loss of fibre attachment .

II. Laboratory Investigations:

These included:

1. Fasting blood sugar level.
2. Serum and gingival zinc level.
3. Serum and gingival magnesium level.

Clinical Dental Results:

They revealed the following :

1. The plaque and retention indices did not show significant difference between healthy pregnant women in all trimesters and control subjects.
2. A statistically significant increase was found in both plaque and retention indices in controlled clinically type II diabetic pregnant women in the third trimester, when compared to control subjects, and to diabetic pregnant women in the first and second trimesters, who did not show any difference in comparison to controls, and to each other.