

## Relationship between diabetes mellitus and periodontal disease - A clinical study.

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### Abstract:

**Introduction:** The relation between diabetes mellitus and periodontal disease is not clear. From the available data, it seemed reasonable to believe that diabetics were more susceptible to periodontal disease than non diabetics. **Aim:** The present study was to clinically evaluate the relationship of diabetes mellitus with periodontal disease along with various parameters. **Materials and Methods:** 200 patients with diabetes mellitus were examined. A thorough oral examination was carried out and relevant history was recorded for all the patients. **Results:** The prevalence of periodontal disease in diabetic patients was 88.4% (gingivitis 26.3% and periodontitis 62%) and complete edentulousness was 9.8%. Remaining 1.9% of patients were periodontally healthy. **Conclusion:** It can be concluded that poorer the glycemic control and longer the duration of diabetes, the greater will be the prevalence and severity of periodontal disease.

**Keywords:** Glycemic control, Periodontal disease, Prevalence, Severity.

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