

THE INFLUENCE OF DIETARY CHANGES IN DIABETIC PATIENTS ON THEIR PLAQUE CARIOGENIC POTENTIAL

ABSTRACT :

The aim of this study was to elucidate the influence of diabetes mellitus on the cariogenicity of dental plaque. Twenty patients aged 35 - 45 years old were selected. Ten of them were insulin dependent diabetic patients while the other ten were normal patients. Quantitative and qualitative acid production, its rate, protein content and colony forming units counts of plaque samples were determined. No apparent statistical significant differences were found between the patients and controls for quantitative and qualitative acid production, its rate and protein content. However, the only difference appeared was the colony forming unit counts within the plaque samples of the diabetic and normal group of patients.