

A comparative study on the periodontal health status of adult populations of Kenya and India

Abstract:

Dental School, College of Health Sciences, Nairobi, Kenya. The purpose of this study was to compare the oral hygiene and periodontal health status of 497 randomly selected Kenyan and Indian adult populations aged between 20 and 35 years. Oral hygiene and periodontal health status were assessed using Silness and Loe plaque Index and Russel's Periodontal Index respectively. Results revealed that the overall mean plaque and periodontal index scores of Kenyan participants were significantly lower than those of Indians. Increase of mean Periodontal index with age was found to be significant among Kenyan participants and insignificant among Indian participants Kenyan female participants were found to have significant lower mean plaque and periodontal index scores than males. However, the mean periodontal index score of Indian male participants was found to be lower than that of female participants. It is concluded that Kenyan participants had better periodontal and oral hygiene status than Indian participants and that Indian females unlike Kenyan females had poorer periodontal health status than male