Assessment of illness perception of diabetic patients with periodontitis

Abudalis, H.H.; Che Dzar, H.T.; Rashid, G.G.; Radz, A.G.; Goh, S.K."A. School of Dental Dentistry, Universiti Malaysia Pahang, Malaysia; Department of Dental and Medical Sciences, Kulliyyah of Dentistry, International Islamic University Malaysia, Malaysia.

Abstract

Illness perception is the individual cognitive representations or beliefs that patients have about their illness. These perceptions are important determinants of behavior and are associated with important health outcomes. This study aims to assess the illness perception of diabetic patients with periodontitis and its association with the severity of periodontitis. A cross-sectional descriptive study was conducted among a total of 22 diabetic patients with periodontitis attending the periodontics clinic at the Endodontic (HOD) Faculty, International Islamic University Malaysia (IIUM). Periodontal clinical examination was done to the patients and the severity of periodontitis was determined by the clinical attachment loss (CAL). The Brief Illness Perception Questionnaire (BIPQ) was used to assess illness perception towards diabetes and periodontitis. The mean score for illness perception in diabetes mellitus is higher than periodontitis in terms of timeline, personal control, concern, and understanding. The results that receive the illness in a serious way terms of consequences, treatment control, concern, and emotional domain have lower mean CAL. There is significant relationship between gender and illness perception towards Diabetes Mellitus and periodontitis for identity domain where male patients showed p-value of 0.04 and 0.032 respectively. This study showed that patients consider Diabetes Mellitus to be more serious than periodontitis despite the severity of their condition.

Author keywords

Diabetes mellitus | Illness perception | Periodontitis

References:


