

Relationship between impacts of removable prosthodontic rehabilitation on daily living, satisfaction and personality profiles

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Abstract: Abstract OBJECTIVES: To investigate dental impacts on daily living and satisfaction with removable complete and partial prosthodontic rehabilitations, and to identify their relationship with personality profiles. METHODS: Sixty-eight patients (38 males and 30 females; mean age=53.2±11.8 years) received removable prostheses (32 complete dentures and 36 removable partial dentures). Clinical success of prostheses was assessed according specific criteria. The Dental Impact on Daily Living (DIDL) questionnaire was utilized to assess satisfaction with prostheses and impacts on daily living. NEO Five Factor Inventory (NEO-FFI) was utilized to assess patients' personality profiles. RESULTS: Participants' total satisfaction and satisfaction with appearance, pain tolerance, oral comfort, and eating improved after treatment ($p<.05$). Position of prosthesis and age had no significant relationships with satisfaction or personality scores ($p>.05$). Females were less satisfied with appearance ($p<.05$). Patients who received partial dentures were more satisfied with eating and scored higher total satisfaction scores than those who had complete dentures ($p<.05$). Before treatment; Neuroticism and Openness scores were associated with dental satisfaction and impacts ($p<.05$). After treatment, Conscientiousness and Extraversion scores were associated with dental satisfaction and impacts ($p<.05$). CONCLUSIONS: Patients satisfaction with oral condition improved following using removable prosthetic rehabilitation with RPD having better impacts than CD. Psychological profiles (e.g. Neuroticism, Extraversion, Openness and Conscientiousness) might play a role and explain prosthetic impacts on daily living and patients' satisfaction with prostheses. Copyright ? 2013 Elsevier Ltd. All rights reserved. KEYWORDS: DIDL; Impacts on daily living; NEO-FFI; Personality; Removable denture; Satisfaction PMID: 24384462 DOI: 10.1016/j.jdent.2013.12.010 [PubMed - indexed for MEDLINE]