

## **Evaluation of quality of life and satisfaction in patients with implant-supported fixed partial dentures**

**Objectives:** This study evaluated the satisfaction of fixed implant-supported prosthesis by using the oral health impact profile-14 (OHIP-14) and VAS scale.

**Materials and methods:** A total of 55 patients treated with the implant supported fixed partial denture were matched in pairs based on gender, age, subject's medical parameters, type of incident, zone of replacement and prosthetic design. The healthy 185 implants were included in the study for according to the dental implant health scale developed and accepted by the International Congress of Oral Implantologists Consensus (ICOI). The patient-reported effect was prospectively obtained by measuring oral health impact (OHIP-14) with a follow-up period ranging from 5 to 8 years.

**Results:** The majority of the dental implants were inserted anterior region (18.12%) and posterior region (81.88%). The anterior zone implants were 18.25 %. The prosthetic treatments were served as: 55.35% implant supported single crown and 44.65% implant supported fixed partial denture. The cement-retained restorations were 76.25% and screw-retained restorations were 23.75%.

Mean and standard deviation, median minimum and maximum frequency and rates were put into use for descriptive statistics of data. Distribution of variables was checked using One-Sample test. SPSS 22.0 programme was put into use for the analyses.

**Results:** The results of this study indicated that patient satisfaction with fixed implant supported prosthesis was high in all patients. It was inferred from the Ohip 14 and VAS scores analyses that fixed implant-supported prosthesis make a positive contribution to the quality of life for oral health. Improvement of the quality of life for oral health concordantly made a positive impact on the general state of health.

**Conclusions:** The fixed implant-supported prosthesis make a positive contribution to the quality of life for oral health.

**Note:** The authors have no conflicts of interest to declare.