

## ORAL CONDITION IMPACT ON THE QUALITY OF LIFE OF THE REHABILITATED CLEFT LIP AND PALATE SUBJECTS USING REMOVABLE OR FIXED DENTAL PROSTHESES

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**PURPOSES:** Evaluating the oral condition impact on quality of life of the cleft lip and palate subjects who uses removable or fixed dental prosthesis. **METHOD:** The sample was composed by 35 subjects, rehabilitated with dental prosthesis on the upper arch, aging an average of  $35 \pm 13$  years old, from both genders. The clinical standards used to collect the data in this study were: kind of prosthesis installed, type of cleft, index of dental plaque, success and failure characteristic on the prosthetic treatment and the impact of the oral condition on quality of life, using the OHIP14 questionnaire. The sample characterization was 63% male, 63% were from southeast region, 71% of the subjects had an incisive tranforamen cleft, 54% of the oral rehabilitation were done with removable partial prosthesis. **RESULTS:** The average value of the OHIP14 was  $2.91 \pm 3.65$ , in a scale that can vary from zero to 56 where the greater values indicate poor oral health which interferes on the patient's quality of life. The results were analyzed using non parametric statistics tests Mann Whitney and Kruskal-wallis with 5% significance level. It was not found statistically difference between the OHIP14 groups and the type of cleft ( $p=0.614$ ), OHIP14 and gender ( $p=0.108$ ), OHIP14 and socioeconomic condition ( $p=0.937$ ), and type of prosthesis ( $p=0.159$ ); it was not found also statistically difference between dental plaque and type of cleft ( $p=0.104$ ) and the index of dental plaque and the prosthesis durability ( $p=0.0575$ ). It was found a statistically significance between the dental plaque and the kind of prosthesis ( $p=0.005$ ). **CONCLUSION:** The fixed or removable prosthesis does not affect the quality of life the individual that highlights the importance of treatment of prosthetic rehabilitation acting.