Evaluation some of the indicator of oral health in mechanically ventilated patients admitted to burn intensive care units of hospitals in Isfahan in 1397.

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Introduction: patients hospitalized burn intensive care units (BICU) have many problems that cause nurses were unaware about mouth and their health problems and illnesses which was later followed by the high costs imposed on the patients. The aim of this study is to evaluate oral health status by measuring gingival and debries index in patients hospitalized in BICU.

Materials and methods: in this cross sectional study, 28 patients whom were received mechanical ventilation, were examined to calculate gingival and debries index. The questionnaire also about this issue was adjusted and delivered to copatients. Then data were entered in software spss version 22.

Findings: findings of this study show that in hospitalized patients in BICU, mean of gingival index was 1.50 and debries index was 1.91 that show medium gingivitis. Spearman correlation coefficients showed that, there was an association between the using toothbrush before hospitalization and gingival and debries index \((p<0.001)\), also the length of hospitalization had a significant correlation with the index of gingival and debries index \((p<0.001)\) but the relationship among age, gender, indicators of inflammation, and gingival and debries index was not significant.

Result: Based on the findings in this study it appears that the level of oral hygiene in patients hospitalized in burn intensive care are far with standards.

Key words: BICU, Gingival index, debries index
یافته‌های این مطالعه نشان داد که در بیماران بستری در بخش ICU میانگین شاخص شاخص دبری 90/1 و میانگین شاخص دبری 1/5 است. با توجه به نتیجه محاسبه ضریب همبستگی اسپیرمن ارتباط بین استفاده از مسواک قبل از بستری شدن با شاخص التهاب و شاخص دبری معنادار بود (0/01 < p) و هم چنین مدت زمان بستری با شاخص التهاب و شاخص دبری رابطه معنادار داشت (0/01 < p) ولی رابطه‌ی بین سن و جنس و شاخص التهاب و شاخص دبری معنادار نبود.

نتیجه: براساس یافته‌ها در این مطالعه این گونه برداشت می‌شود که سطح بهداشت دهان در بیماران بستری در بخش‌های مراقبت‌های ویژه با استانداردها فاصله زیادی دارد و توجه بیشتر به این موضوع ضروری است.

کلمات کلیدی: بهداشت دهان، شاخص پلاک، شاخص لثه