**Table 1.** Oral findings in the 663 patients according to the development of VAP.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Oral Characteristics** | **Without VAP** | **With VAP** | **p\*** | **TOTAL** |
| *Coated Tongue*  No  Yes | 208 (86.31%)  337 (79.86%) | 33 (13.69%)  85 (20.14%) | **0.02** | 241 (%)  422 (%) |
| *Oral/gingival bleeding*  No  Yes | 398 (84.50%)  147 (76.56%) | 73 (15.50%)  45 (23.44%) | **0.01** | 471 (%)  192 (%) |
| *Tooth loss*  No  Yes | 76 (80%)  469 (82.57%) | 19 (20%)  99 (17.43%) | 0.31 | 95 (%)  568 (%) |
| *Caries*  No  Yes | 417 (82.09%)  128 (82.58%) | 91 (19.91%)  27 (17.42%) | 0.49 | 508 (%)  155 (%) |
| *Tooth mobility*  No  Yes | 525 (82.68%)  20 (71.43%) | 110 (17.32%)  8 (28.57%) | 0.10 | 635 (%)  28 (%) |
| *Intubated using removable prosthesis*  No  Yes | 535 (82.06%)  10 (90.91%) | 117 (17.94%)  1 (9.09%) | 0.39 | 652 (%)  11 (%) |
| *Hairy tongue*  No  Yes | 534 (82.03%)  11 (91.67%) | 117 (17.97%)  1 (8.33%) | 0.34 | 651 (%)  12 (%) |
| *Depapillated tongue*  No  Yes | 535 (82.18%)  10 (83.33%) | 116 (17.82%)  2 (16.67%) | 0.63 | 651 (%)  12 (%) |
| *Oral ulcers*  No  Yes | 456 (82.91%)  89 (78.76%) | 94 (17.09%)  24 (21.24%) | 0.17 | 550 (%)  113 (%) |

Fisher’s exact test (p<0.05)

**Table 2.** Analysis of independent factors for VAP.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Oral findings/VAP** | **Odds Ratio** | **Std. Err.** | **z** | **P>|z|** | **[95% Conf. Interval]** |
| Oral bleeding | **1.60** | .344 | 2.21 | 0.02 | [1.054, 2.444] |
| Coated tongue | **1.59** | .358 | 2.06 | 0.03 | [1.023, 2.475] |
| SAPS3 | .98 | .006 | -2.18 | 0.02 | [.9732, .9985] |

Logistic regression (p<0.05)