Table 5. Logistic regression analysis for the prevalence of hepatitis B surface antigen and hepatitis C virus antibody in oral diseases relative to their prevalence in patients with impacted teeth.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| HBV | odds ratio | 95% CI | p value | HBV (age-adjusted) | odds ratio | 95% CI | p value |
| Alveolar disorder | 0.883 | 0.181–15.922 | 0.905 | Alveolar disorder | 1.281 | 0.258–23.205 | 0.804 |
| Oral cysts, benign oral tumors | 0.958 | 0.275–6.042 | 0.955 | Oral cysts, benign oral tumors | 1.229 | 0.349–7.780 | 0.778 |
| Oral cancers | 0.263 | 0.052–4.770 | 0.282 | Oral cancers | 0.575 | 0.108–10.662 | 0.627 |
| Maxillofacial trauma | 0.33 | 0.094–2.088 | 0.199 | Maxillofacial trauma | 0.45 | 0.124–2.887 | 0.341 |
| Dental implant | 0.279 | 0.120–0.721 | 0.011 | Dental implant | 0.447 | 0.188–1.178 | 0.099 |
| Oral inflammation | 0.218 | 0.072–0.939 | 0.042 | Oral inflammation | 0.399 | 0.126–1.772 | 0.199 |
|  |  |  |  |  |  |  |  |
| HCV | odds ratio | 95% CI | p value | HCV (age-adjusted) | odds ratio | 95% CI | p value |
| Alveolar disorder | 1.531 | 0.473–9.385 | 0.529 | Alveolar disorder | 2.731 | 0.834–16.824 | 0.107 |
| Oral inflammation | 0.761 | 0.277–3.146 | 0.661 | Oral inflammation | 2.256 | 0.797–9.481 | 0.137 |
| Dental implant | 0.973 | 0.473–2.350 | 0.945 | Dental implant | 1.953 | 0.944–4.739 | 0.073 |
| Oral cancers | 0.449 | 0.134–2.785 | 0.328 | Oral cancers | 1.727 | 0.503–10.868 | 0.429 |
| Oral cysts, benign oral tumors | 1.102 | 0.513–2.870 | 0.819 | Oral cysts, benign oral tumors | 1.651 | 0.759–4.334 | 0.222 |
| TMJ disorder | 0.195 | 0.037–3.607 | 0.208 | TMJ disorder | 1.25 | 0.221–23.568 | 0.831 |
| Salivary disorder | 0.361 | 0.107–2.249 | 0.228 | Salivary disorder | 0.872 | 0.240–5.641 | 0.861 |
| Maxillofacial trauma | 0.449 | 0.195–1.301 | 0.128 | Maxillofacial trauma | 0.859 | 0.354–2.583 | 0.765 |