**S4 Table** Influence of demographic parameter on postoperative pain-associated and pain therapy-associated impairments

|  |  |  |
| --- | --- | --- |
| Parameter | n | p-value |
| impairment in mobility  | 16  |  |
| age  |  | 0.592 |
|  ≤median | 9  |  |
|  >median | 7  |  |
| gender  |  | 0.945 |
|  female | 8  |  |
|  male | 8  |  |
| diagnosis  |   | 0.657 |
|  chronic tonsillitis | 9  |  |
|  peritonsillar abscess | 7  |  |
| etoricoxib  |   | 0.958 |
|  etoricoxib group | 7  |  |
|  metamizole group | 9  |  |
| ASA-Status  |  | 0.795 |
|  I | 7  |  |
|  II and III | 9  |  |
| CRP-value  |   | 0.971 |
|  ≤median | 7  |  |
|  >median | 7  |  |
| respiratory impairment | 87  |  |
| age |  | 0.169 |
|  ≤median | 40  |  |
|  >median | 47  |  |
| gender  |  | 0.387 |
|  female | 42  |  |
|  male | 45  |  |
| diagnosis  |  | 0.897 |
|  chronic tonsillitis | 53  |  |
|  peritonsillar abscess | 34  |  |
| etoricoxib  |  | 0.306 |
|  etoricoxib group | 36  |  |
|  metamizole group | 51  |  |
| ASA-Status  |  | **0.008** |
|  I | 34  |  |
|  II and III | 53  |  |
| CRP-value  |  | 0.635 |
|  ≤median | 40  |  |
|  >median | 37  |  |
| Waking up at night | 66  |  |
| age |  | 0.072 |
|  ≤median | 28  |  |
|  >median | 38  |  |
| gender |  | 0.866 |
|  female | 34  |  |
|  male | 32  |  |
| diagnosis |  | **0.016** |
|  chronic tonsillitis | 47  |  |
|  peritonsillar abscess | 19  |  |
| etoricoxib |  | 0.087 |
|  etoricoxib group | 34  |  |
|  metamizole group | 32  |  |
| ASA-Status  |  | 0.684 |
|  I | 32  |  |
|  II and III | 34  |  |
| CRP-value  |  | **0.018** |
|  ≤median | 35  |  |
|  >median | 22  |  |
| feeling uncomfortable because of pain | 37  |  |
| age |  | **0.011** |
|  ≤median | 12  |  |
|  >median | 25  |  |
| gender |  | 0.937 |
|  female | 19  |  |
|  male | 18  |  |
| diagnosis |  | 0.897 |
|  chronic tonsillitis | 23  |  |
|  peritonsillar abscess | 14  |  |
| etoricoxib |  | 0.871 |
|  etoricoxib group | 16  |  |
|  metamizole group | 21  |  |
| ASA-Status  |  | 0.785 |
|  I | 18  |  |
|  I and III | 19  |  |
| CRP-value  |  | 0.727 |
|  ≤median | 18  |  |
|  >median | 16  |  |
| desire for pain killers | 20  |  |
| Age |   | **0.046** |
|  ≤median | 6  |  |
|  >median | 14  |  |
| gender |   | 0.273 |
|  female | 8  |  |
|  male | 12  |  |
| diagnosis |  | 0.409 |
|  chronic tonsillitis | 14  |  |
|  peritonsillar abscess | 6  |  |
| etoricoxib  |  | 0.548 |
|  etoricoxib group | 10  |  |
|  metamizole group | 10  |  |
| ASA |  | 0.534 |
|  I | 8  |  |
|  II and III | 12  |  |
| CRP-value |  | 0.240 |
|  ≤median | 12  |  |
|  >median | 7  |  |
| fatigue | 55  |  |
| age  |  | 0.643 |
|  ≤median | 29  |  |
|  >median | 26  |  |
| gender  |  | 0.121 |
|  female | 32  |  |
|  male | 23  |  |
| diagnosis |  | 0.097 |
|  chronic tonsillitis | 38  |  |
|  peritonsillar abscess | 17  |  |
| etoricoxib  |  | 0.675 |
|  etoricoxib group | 23  |  |
|  metamizole group | 32  |  |
| ASA-Status  |  | 0.286 |
|  I | 23  |  |
|  II and III | 32  |  |
| CRP-value |  | 0.565 |
|  ≤median | 26  |  |
|  >median | 23  |  |
| nausea | 7  |  |
| age |  | 1.000 |
|  ≤median | 3  |  |
|  >median | 4  |  |
| gender |  | 0.440 |
|  female | 5  |  |
|  male | 2  |  |
| diagnosis |  | **0.042** |
|  chronic tonsillitis | 7  |  |
|  peritonsillar abscess | 0  |  |
| etoricoxib |  | 0.699 |
|  etoricoxib group | 4  |  |
|  metamizole group | 3  |  |
| ASA-Status |   | 0.050 |
|  I | 6  |  |
|  II and III | 1  |  |
| CRP-value |  | 0.206 |
|  ≤median | 5  |  |
|  >median | 1  |  |
| vomitus | 4  |  |
| age |  | 1.000 |
|  ≤median | 2  |  |
|  >median | 2  |  |
| gender |  | 0.619 |
|  female | 3  |  |
|  male | 1  |  |
| diagnosis  |  | 0.158 |
|  chronic tonsillitis | 4  |  |
|  peritonsillar abscess | 0  |  |
| etoricoxib |  | 1.000 |
|  etoricoxib group | 2  |  |
|  metamizole group | 2  |  |
| ASA-Status |  | 0.339 |
|  I | 3  |  |
|  II and III | 1  |  |
| CRP-value |  | 0.118 |
|  ≤median | 4  |  |
|  >median | 0  |  |

ASA = American Society of Anesthesiologists, CRP = C-reactive protein, SD = standard deviation.