|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **0H** | **1H** | **3H** | **p-value**  **Kruskal-wallis test** |
| **CBF (Hz)** | **Total population** | **14.52  [12.10-15.76]** | **14.48  [12.44-16.64]** | **14.80  [11.66-15.71]** | **0.906** |
| Healthy volunteers | 15.35  [13.84-15.78] | 14.95  [13.04-16.80] | 14.91  [13.74-15.75] | 0.855 |
| Referred patients | 11.94  [7.85-15.66] | 13.20  [7.70-15.22] | 12.80  [7.54-15.42] | 0.873 |
| DCP patients | 8.78  [6.26-11.94] | 7.84  [7.14-12.55] | 7.72  [5.70-11.10] | 0.891 |
| **CBP (%)** | **Total population** | **81.5  [50.5-94.3]** | **87.5  [63.0-95.3]** | **92.0  [52.8-100.0]** | **0.271** |
| Healthy volunteers | 88.0  [77.0-98.0] | 90.0  [82.50-100.0] | 95.0 [ 90.5-100.0] | 0.102 |
| Referred patients | 23.0  [8.0-61.0] | 40.0  [11.0-86.0] | 30.0  [6.0-84.5] | 0.836 |
| DCP patients | 9.0  [0.0-23.0] | 12.0  [0.0-40.0] | 12.0  [0.0-22.0] | 0.897 |

Table 3: Temporal analysis of ciliary beat frequency (CBF) and normal ciliary beat Pattern (CBP) in Healthy Volunteers, Referred Patients, and DCP Patients exposed to lidocaine and naphazoline.

CBF = ciliary beat frequency; PCD = primary ciliary dyskinesia; CBP (%) = percentage of normal ciliary beat pattern.

Results are expressed as median [P25-P75]. Median were compared with Kruskal-Wallis test.