|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Lidocaine/ Naphazoline** | **Saline (control)** | **p-value**  **Mann Withney U test** |
| **CBF (Hz)** | **Total population** | **14.52 [12.10-15.76]** | **14.63 [12.82-15.63]** | **0.841** |
| Healthy volunteers | 15.35 [13.84-15.78] | 15.28 [13.48-16.40] | 0.904 |
| Referred patients | 11.94 [7.85-15.66] | 13.14 [8.97-15.14] | 0.588 |
| PCD patients | 8.78 [6.26-11.94] | 9.16 [8.62-12.54] | 0.974 |
| **CBP (%)** | **Total population** | **81.5 [50.5-94.3]** | **89.3 [51.5-100.0]** | **0.125** |
| Healthy volunteers | 88.0 [77.0-98.0] | 96.0 [89.3-100.0] | 0.028 |
| Referred patients | 23.0 [8.0-61.0] | 39.0 [9.5-72.0] | 0.791 |
| PCD patients | 9.0 [0.0-23.0] | 11.0 [0.0-39.0] | 0.671 |

Table 2 : Analysis of ciliary beat frequency in hertz and percentage of normal ciliary beat pattern in lidocaine/naphazoline exposed patients or healthy volunteers compared to saline control.

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 Mann Withney U test.