|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Parameter** | **Sham group** | **Excision group** | **NG group** | **CNF group** | **ANVF group** | **PNF group** | **Relevant**  **findings** |
| **Forepaw average temperature**  **(%)** | 99.4 ± 5.9 | 101.7 ± 7.1 | 104.9 ± 13.7 | 101.8 ± 8.0 | 103.6 ± 7.2 | 109.0 ± 10.8 | No significant differences between experimental groups |
| **Forepaw minimal temperature**  **(%)** | 100.45 ± 5.49 | 102.25 ± 7.04 | 105.47 ± 14.34 | 102.45 ± 8.39 | 104.36 ± 7.83 | 108.61 ± 11.58 | No significant differences between experimental groups |
| **Forepaw maximal temperature**  **(%)** | 98.86 ± 6.43 | 99.97 ± 6.41 | 101.44 ± 6.94 | 100.42 ± 6.74 | 100.63 ± 3.17 | 107.03 ± 5.04 | No significant differences between experimental groups |

**Supplemental Table 2.** Infra-red thermography evaluation of the region of the forepays innervated by the median nerve 90 days postoperatively.

**NG**, nerve graft; **CNF**, conventional nerve flap; **ANVF**, arterialized neurovenous flap; **PNF**, prefabricated nerve flap

**D**, day after the beginning of the experiment

Numeric variables are expressed as average ± standard deviation.