**SUPPLEMENTS**

**Table 1;** Characteristics of patients and healthy controls (HC)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Donor** | **BPNSTa** | **Gender** | **Age****(years)** | **Height****(cm)** | **Time on ART****(years)** | **Last CD4 count****(cell/uL)** | **IEFNDb****(per mm2)** |
| Patient 1 | HIV-SN+ | Female | 33 | 158 | 7 | 406 | 1.6 |
| Patient 2 | HIV-SN+ | Female | 33 | 167 | 7.5 | 729 | 9.7 |
| Patient 3 | HIV-SN+ | Male | 34 | 175 | 5 | 714 | 3.0 |
| Patient 4 | HIV-SN+ | Male | 47 | 167 | 6.8 | 284 | 4.6 |
| Patient 5 | HIV-SN+ | Male | 45 | 167 | 3.5 | 300 | 0.8 |
| Patient 6 | HIV-SN- | Male | 38 | 179 | 8.7 | 626 | 6.7 |
| Patient 7 | HIV-SN- | Female | 41 | 150 | 1 | 435 | 6.6 |
| Patient 8 | HIV-SN- | Male | 35 | 165 | 12 | 693 | 5.4 |
| Patient 9 | HIV-SN- | Female | 32 | 165 | 3.6 | 385 | 9.0 |
| Patient 10 | HIV-SN- | Male | 44 | 171 | 2.8 | 84 | 4.0 |
| Patient 11 | HIV-SN- | Male | 36 | 168 | 1 | 566 | 1.3 |
| Patient 12 | HIV-SN- | Male | 25 | 165 | 1.6 | 653 | 14.0 |
| Patient 13 | HIV-SN- | Male | 34 | 166 | 2.2 | 386 | 5.2 |
| Patient 14  | HIV-SN- | Female | 41 | 150 | 1 | 448 | 5.8 |
| HC1 | - | Female | 28 | 158 | - | - | - |
| HC2 | - | Female | 33 | 162 | - | - | 11.2 |
| HC3 | - | Female | 33 | 151 | - | - | 15.2 |
| HC4 | - | Male | 37 | 169 | - | - | 5.8 |

a Brief Peripheral Neuropathy Screening Tool

b Inter Epithelial Nerve Fibre Density

**Table 2;** Summary of donor characteristics

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **(BPNST)** | **N value** | **Male****(*n*)** | **Age****(years)** | **Height****(cm)** | **Time on ART****(years)** | **Last CD4** **(cell/uL)** | **IEFND****(per mm2)** |
| HIV-SN+HIV-SN-HC | 594 | 361*p*=1.0a  | 34 (33-47)36 (25-44)33 (28-37)*p*=0.84b | 167 (158-175)165 (150-179)160 (151-169)*p*=0.50 b | 6.8 (3.5-7.5)2.2 (1.0-12)n/a*p*=0.14 b | 406 (284-729)448 (84-693)n/a*p*=1.0 b | 3.0 (0.8 – 9.7)5.8 (1.3 – 14.0)11.2 (5.8 – 15.2)*p*=0.19 b |

Results are presented as median (range); n/a not applicable

a Fisher's exact test (HIV-SN+ *versus* HIV-SN-), b Mann-Whitney test (HIV-SN+ *versus* HIV-SN-)

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**Figure 1.** Mean intraepidermal nerve fibre count for each patient as determined by each rater