**The total number Table 2: Comparing PAI hypoadrenalism without hypoadrenalism among severely immunocompromised HIV-positive patients**

| Variable | N | Hypoadrenalism,  N = 21 | Without  hypoadrenalism,  N = 297 | *p*-value |
| --- | --- | --- | --- | --- |
| **Age at enrolment*, median (IQR) years*** | 318 | 36 (31, 43) | 36 (31, 42) | 0.6 |
| **Female-gender*, n (%)*** | 318 | 10 (47.6%) | 157 (52.9%) | 0.6 |
| **Ethnicity*, n (%)*** | 317 |  |  | 0.6 |
| Black African |  | 19 (90.5%) | 242 (81.8%) |  |
| Other |  | 2 (9.5%) | 54 (18.2%) |  |
| **Duration of current illness*, median (IQR) days*** | 300 | 14 (11, 21) | 14 (14, 30) | 0.2 |
| **Random morning cortisol*, median (IQR) nmol/L*** | 318 | 332 (253, 375) | 513 (388, 606) | <0.001 |
| **Basal cortisol*, median (IQR) nnol/L*** | 144 | 300 (185, 328) | 462 (352, 568) | <0.001 |
| **Stimulated cortisol*, median (IQR) nmo/L*** | 145 | 403 (316, 438) | 720 (616, 848) | <0.001 |
| **ACTH*, median (IQR) pmol/L*** | 318 | 37 (25, 72) | 31 (18, 48) | 0.029 |
| **BP (systolic)*, median (IQR) mmHg*** | 318 | 120 (111, 129) | 110 (100, 125) | 0.10 |
| **BP (diastolic)*, median (IQR) mmHg*** | 318 | 71 (70, 80) | 70 (60, 78) | 0.031 |
| **Postural drop in blood pressure** | 306 | 1 (4.8%) | 11 (3.9%) | 0.6 |
| **Heart rate*, median (IQR) bpm*** | 318 | 90 (77, 109) | 95 (81, 111) | 0.5 |
| **Hypotension*, n (%)*** | 305 | 1 (4.8%) | 22 (7.7%) | >0.9 |
| **Weakness*, n (%)*** | 306 | 16 (76.2%) | 252 (88.4%) | 0.2 |
| **Tiredness*, n (%)*** | 307 | 18 (85.7%) | 261 (91.3%) | 0.4 |
| **Poor appetite*, n (%)*** | 304 | 18 (85.7%) | 226 (79.9%) | 0.8 |
| **Weight loss*, n (%)*** | 308 | 18 (85.7%) | 264 (92.0%) | 0.4 |
| **Increased pigmentation of the skin*, n (%)*** | 292 | 8 (44.4%) | 131 (47.8%) | 0.8 |
| **Nausea*, n (%)*** | 307 | 12 (57.1%) | 151 (52.8%) | 0.7 |
| **Vomiting*, n (%)*** | 306 | 6 (28.6%) | 82 (28.8%) | >0.9 |
| **Liking for salt*, n (%)*** | 305 | 14 (66.7%) | 193 (68.0%) | >0.9 |
| **Hypoglycaemia*, n (%)*** | 306 | 0 (0.0%) | 7 (2.5%) | >0.9 |
| **Loss of consciousness*, n (%)*** | 304 | 0 (0.0%) | 2 (0.7%) | >0.9 |
| **Diarrhea*, n (%)*** | 304 | 6 (28.6%) | 121 (42.8%) | 0.2 |
| **Dizziness*, n (%)*** | 305 | 11 (55.0%) | 133 (46.7%) | 0.5 |
| **Shock*, n (%)*** | 308 | 0 (0.0%) | 3 (1.0%) | >0.9 |
| **Anorexia*, n (%)*** | 306 | 7 (33.3%) | 126 (44.2%) | 0.3 |
| **Loss of axillary and pubic hair in females*, n (%)*** | 164 | 2 (20.0%) | 51 (33.1%) | 0.5 |
| **Presence of anaemia*, n (%)*** | 303 | 12 (57.1%) | 155 (55.0%) | 0.8 |
| **Presence of an opportunistic infection*, n (%)*** | 317 | 21 (100.0%) | 296 (100.0%) |  |
| **Viral load*, median (IQR) (log10 Copies/mL)*** | 65 | 4.79 (4.67, 4.92) | 4.77 (3.28, 5.36) | >0.9 |
| **Total CD4 count*, median (IQR)*** | 317 | 23 (14, 48) | 31 (14, 57) | 0.6 |
| **Sodium, *median (IQR) mmol/L*** | 303 | 135.0 (132.0, 137.0) | 133.0 (130.0, 137.0) | 0.12 |
| **Potassium, *median (IQR) mmol/L*** | 304 | 3.70 (3.30, 4.00) | 4.20 (3.70, 4.60) | 0.045 |
| **Haemoglobin*, median (IQR) g/dL*** | 317 | 8.40 (7.60, 10.30) | 8.80 (7.40, 10.40) | 0.9 |
| **White cell count, *median (IQR) X109*** | 316 | 5.2 (2.5, 6.5) | 5.7 (3.9, 8.3) | 0.3 |
| **Lymphocyte count*, median (IQR) X109*** | 62 | 1.0 (0.6, 9.4) | 0.7 (0.4, 1.5) | 0.3 |
| **Neutrophils*, median (IQR)*** | 61 | 1 (1, 1) | 3 (1, 7) | 0.055 |