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

| Variable | N | yes, N = 30 | no, N = 288 | p-value |
| --- | --- | --- | --- | --- |
| **Age at enrolment*, median (IQR) years*** | 318 | 36 (31, 43) | 36 (31, 42) | 0.9 |
| **Gender*, n (%)*** | 318 |  |  | >0.9 |
| Females |  | 16 (53.3%) | 151 (52.4%) |  |
| Males |  | 14 (46.7%) | 137 (47.6%) |  |
| **Ethnicity*, n (%)*** | 317 |  |  | 0.5 |
| Black African |  | 26 (86.7%) | 235 (81.9%) |  |
| Other |  | 4 (13.3%) | 52 (18.1%) |  |
| **Duration of current illness*, median (IQR) days*** | 300 | 14 (14, 21) | 14 (14, 30) | 0.4 |
| **Random cortisol*, median (IQR)*** | 318 | 317 (241, 372) | 518 (396, 609) | <0.001 |
| **Basal cortisol*, median (IQR)*** | 144 | 300 (185, 368) | 473 (374, 580) | <0.001 |
| **Stimulated cortisol*, median (IQR)*** | 145 | 434 (356, 515) | 727 (642, 859) | <0.001 |
| **ACTH*, median (IQR)*** | 318 | 36 (25, 70) | 31 (18, 48) | 0.015 |
| **BP (systolic)*, median (IQR)*** | 318 | 120 (109, 128) | 110 (100, 125) | 0.13 |
| **BP (diastolic)*, median (IQR)*** | 318 | 70 (63, 80) | 70 (60, 78) | 0.093 |
| **Heart rate*, median (IQR)*** | 318 | 88 (78, 108) | 95 (82, 111) | 0.4 |
| **Hypotension*, n (%)*** | 305 | 1 (3.3%) | 22 (8.0%) | 0.7 |
| **Weakness*, n (%)*** | 306 | 22 (73.3%) | 246 (89.1%) | 0.020 |
| **Tiredness*, n (%)*** | 307 | 24 (80.0%) | 255 (92.1%) | 0.042 |
| **Poor appetite*, n (%)*** | 304 | 24 (80.0%) | 220 (80.3%) | >0.9 |
| **Weight loss*, n (%)*** | 308 | 25 (83.3%) | 257 (92.4%) | 0.2 |
| **Increased pigmentation of the skin*, n (%)*** | 292 | 10 (38.5%) | 129 (48.5%) | 0.3 |
| **Nausea*, n (%)*** | 307 | 16 (53.3%) | 147 (53.1%) | >0.9 |
| **Vomiting*, n (%)*** | 306 | 10 (33.3%) | 78 (28.3%) | 0.6 |
| **Liking for salt*, n (%)*** | 305 | 18 (62.1%) | 189 (68.5%) | 0.5 |
| **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 | 10 (33.3%) | 117 (42.7%) | 0.3 |
| **Dizziness*, n (%)*** | 305 | 15 (51.7%) | 129 (46.7%) | 0.6 |
| **Shock*, n (%)*** | 308 | 0 (0.0%) | 3 (1.1%) | >0.9 |
| **Anorexia*, n (%)*** | 306 | 8 (26.7%) | 125 (45.3%) | 0.051 |
| **Loss of axillary and pubic hair in females*, n (%)*** | 309 |  |  | 0.2 |
| No |  | 14 (46.7%) | 97 (34.8%) |  |
| Not applicable |  | 14 (46.7%) | 131 (47.0%) |  |
| Yes |  | 2 (6.7%) | 51 (18.3%) |  |
| **Any postural drop in blood pressure*, n (%)*** | 306 | 1 (3.3%) | 11 (4.0%) | >0.9 |
| **Presence of anaemia*, n (%)*** | 303 | 16 (53.3%) | 151 (55.3%) | 0.8 |
| **Presence of an opportunistic infection*, n (%)*** | 317 | 30 (100.0%) | 287 (100.0%) |  |
| **Viral load*, median (IQR) (log10 Copies/mL)*** | 65 | 5.04 (4.79, 5.17) | 4.71 (3.27, 5.37) | 0.6 |
| **Total CD4 count*, median (IQR)*** | 317 | 26 (12, 56) | 31 (14, 56) | 0.6 |
| **Sodium, *median (IQR) mmol/L*** | 303 | 135.0 (131.0, 137.0) | 133.0 (130.0, 137.0) | 0.10 |
| **Potassium, *median (IQR) mmol/L*** | 304 | 3.90 (3.30, 4.60) | 4.10 (3.65, 4.60) | 0.4 |
| **Haemoglobin*, median (IQR) g/dL*** | 317 | 8.30 (7.62, 10.37) | 8.80 (7.40, 10.40) | >0.9 |
| **White cell count, *median (IQR) X109*** | 316 | 5.1 (2.9, 8.2) | 5.7 (3.9, 8.2) | 0.5 |
| **Lymphocyte count*, median (IQR) X109*** | 62 | 0.9 (0.6, 1.3) | 0.7 (0.4, 1.6) | 0.3 |
| **Neutrophils*, median (IQR)*** | 61 | 7 (1, 15) | 3 (1, 7) | 0.7 |