**Table 3a: Addison’s among those who died**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | N | Addison’s and died, N = 5 | Without Addison’s but died, N = 42 | p-value |
| **Age at enrolment median (IQR) (years)** | 47 | 40 (31, 41) | 38 (33, 44) | >0.9 |
| **Gender, n(%)** | 47 |  |  | >0.9 |
| Females |  | 3 (60.0%) | 25 (59.5%) |  |
| Males |  | 2 (40.0%) | 17 (40.5%) |  |
| **Ethnicity, n(%)** | 47 |  |  | >0.9 |
| 1 |  | 4 (80.0%) | 35 (83.3%) |  |
| 2 |  | 1 (20.0%) | 7 (16.7%) |  |
| **Duration of current illness, median (IQR) (days)** | 44 | 9 (7, 266) | 1,257 (340, 2,792) | 0.067 |
| **Random cortisol, *median (IQR) nmol/L*** | 47 | 332 (281, 337) | 508 (367, 623) | **0.019** |
| **Basal cortisol, *median (IQR) nmol/L*** | 26 | 315 (301, 381) | 485 (419, 631) | **0.002** |
| **Stimulated cortisol, *median (IQR) nmol/L*** | 26 | 403 (347, 431) | 763 (630, 880) | **<0.001** |
| **ACTH, *median (IQR) pmol/L*** | 47 | 48 (37, 88) | 39 (22, 53) | 0.3 |
| **BP (systolic)*, median (IQR) mmHg*** | 47 | 127 (120, 128) | 110 (102, 120) | 0.2 |
| **BP (diastolic)*, median (IQR) mmHg*** | 47 | 71 (63, 76) | 72 (67, 80) | 0.5 |
| **Heart rate, *median (IQR) bpm*** | 47 | 92 (68, 100) | 91 (80, 108) | 0.4 |
| **Hypotension, n(%)** | 46 | 0 (0.0%) | 5 (12.2%) | >0.9 |
| **Weakness, n(%)** | 46 | 3 (60.0%) | 38 (92.7%) | 0.084 |
| **Tiredness, n(%)** | 45 | 5 (100.0%) | 37 (92.5%) | >0.9 |
| **Poor appetite, n(%)** | 46 | 5 (100.0%) | 38 (92.7%) | >0.9 |
| **Weight loss, n(%)** | 46 | 4 (80.0%) | 36 (87.8%) | 0.5 |
| **Increased pigmentation of the skin, n(%)** | 44 | 2 (50.0%) | 24 (60.0%) | >0.9 |
| **Nausea, n(%)** | 46 | 4 (80.0%) | 27 (65.9%) | >0.9 |
| **Vomiting, n(%)** | 46 | 2 (40.0%) | 11 (26.8%) | 0.6 |
| **Liking for salt, n(%)** | 46 | 3 (60.0%) | 28 (68.3%) | >0.9 |
| **Hypoglycaemia, n(%)** | 46 |  |  |  |
| No |  | 5 (100.0%) | 41 (100.0%) |  |
| **Loss of consciousness, n(%)** | 46 | 0 (0.0%) | 1 (2.4%) | >0.9 |
| **Diarrhoea, n(%)** | 46 | 0 (0.0%) | 23 (56.1%) | **0.049** |
| **Dizziness, n(%)** | 45 | 3 (60.0%) | 25 (62.5%) | >0.9 |
| **Shock, n(%)** | 46 | 0 (0.0%) | 1 (2.4%) | >0.9 |
| **Anorexia, n(%)** | 46 | 2 (40.0%) | 24 (58.5%) | 0.6 |
| **Loss of axillary and pubic hair, if female, n(%)** | 45 |  |  | 0.8 |
| No |  | 2 (40.0%) | 11 (27.5%) |  |
| Not applicable |  | 2 (40.0%) | 15 (37.5%) |  |
| Yes |  | 1 (20.0%) | 14 (35.0%) |  |
| **Any postural drop in blood pressure, n(%)** | 45 | 0 (0.0%) | 2 (5.0%) | >0.9 |
| **Presence of anaemia, n(%)** | 46 | 3 (60.0%) | 24 (58.5%) | >0.9 |
| **Presence of an opportunistic infection, n(%)** | 47 | 5 (100.0%) | 42 (100.0%) |  |
| **Tuberculosis, n(%)** | 47 |  |  | 0.6 |
| Yes |  | 3 (60.0%) | 29 (69.0%) |  |
| No |  | 2 (40.0%) | 13 (31.0%) |  |
| **Cryptococcus neoformans, n(%)** | 47 |  |  | >0.9 |
| Yes |  | 0 (0.0%) | 0 (0.0%) |  |
| No |  | 5 (100.0%) | 42 (100.0%) |  |
| **Toxoplasmosis, n(%)** | 47 |  |  |  |
| No |  | 5 (100.0%) | 42 (100.0%) |  |
| **Mycobacterium avium-intracellulare, n(%)** | 47 |  |  |  |
| No |  | 5 (100.0%) | 42 (100.0%) |  |
| **Kaposis sarcoma, n(%)** | 47 |  |  | >0.9 |
| Yes |  | 0 (0.0%) | 0 (0.0%) |  |
| No |  | 5 (100.0%) | 42 (100.0%) |  |
| **Cytomegalovirus, n(%)** | 47 |  |  | >0.9 |
| Yes |  | 0 (0.0%) | 0 (0.0%) |  |
| No |  | 5 (100.0%) | 42 (100.0%) |  |
| **Other, n(%)** | 47 |  |  | >0.9 |
| Yes |  | 2 (40.0%) | 14 (33.3%) |  |
| No |  | 3 (60.0%) | 28 (66.7%) |  |
| **Viral load (log10 Copies/mL)** | 11 | \_ | 5.10 (4.55, 5.68) |  |
| **Total CD4 count, median (IQR) µ/mL** | 47 | 17 (15, 46) | 28 (14, 49) | 0.9 |
| **Sodium, *median (IQR)* mmol/L** | 45 | 134.0 (133.0, 139.0) | 133.0 (128.0, 137.0) | 0.3 |
| **Potassium, *median (IQR) mmol/L*** | 45 | 3.60 (3.30, 3.90) | 3.90 (3.60, 4.52) | 0.14 |
| **Haemoglobin, *median (IQR)* g/dL** | 47 | 8.70 (8.10, 10.50) | 8.85 (7.50, 10.70) | >0.9 |
| **White cell count, *median (IQR)* x109** | 47 | 5.8 (3.9, 10.8) | 5.4 (3.9, 7.7) | 0.7 |

**Table 3b: describing mortality among Addison’s cases**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | N | Addison’s and Died, N = 5 | Addison’s but Alive, N = 16 | p-value |
| **Age at enrolment median (IQR) (years)** | 21 | 40 (31, 41) | 36 (32, 44) | >0.9 |
| **Gender, n(%)** | 21 |  |  | 0.6 |
| Females |  | 3 (60.0%) | 7 (43.8%) |  |
| Males |  | 2 (40.0%) | 9 (56.2%) |  |
| **Ethnicity, n(%)** | 21 |  |  | 0.4 |
| 1 |  | 4 (80.0%) | 15 (93.8%) |  |
| 2 |  | 1 (20.0%) | 1 (6.2%) |  |
| **Duration of current illness, median (IQR) (days)** | 20 | 9 (7, 266) | 1,812 (346, 3,326) | 0.12 |
| **Random cortisol, *median (IQR) nmol/L*** | 21 | 332 (281, 337) | 298 (230, 376) | 0.8 |
| **Basal cortisol, *median (IQR) nmol/L*** | 21 | 315 (301, 381) | 275 (180, 326) | 0.2 |
| **Stimulated cortisol, *median (IQR) nmol/L*** | 21 | 403 (347, 431) | 398 (312, 447) | >0.9 |
| **ACTH, *median (IQR) pmol/L*** | 21 | 48 (37, 88) | 32 (25, 72) | 0.5 |
| **BP (systolic)*, median (IQR) mmHg*** | 21 | 127 (120, 128) | 120 (110, 130) | 0.9 |
| **BP (diastolic)*, median (IQR) mmHg*** | 21 | 71 (63, 76) | 74 (70, 85) | 0.3 |
| **Heart rate, *median (IQR) bpm*** | 21 | 92 (68, 100) | 87 (79, 115) | 0.5 |
| **Hypotension, n(%)** | 21 | 0 (0.0%) | 1 (6.2%) | >0.9 |
| **Weakness, n(%)** | 21 | 3 (60.0%) | 13 (81.2%) | 0.6 |
| **Tiredness, n(%)** | 21 | 5 (100.0%) | 13 (81.2%) | 0.5 |
| **Poor appetite, n(%)** | 21 | 5 (100.0%) | 13 (81.2%) | 0.5 |
| **Weight loss, n(%)** | 21 | 4 (80.0%) | 14 (87.5%) | >0.9 |
| **Increased pigmentation of the skin, n(%)** | 18 | 2 (50.0%) | 6 (42.9%) | >0.9 |
| **Nausea, n(%)** | 21 | 4 (80.0%) | 8 (50.0%) | 0.3 |
| **Vomiting, n(%)** | 21 | 2 (40.0%) | 4 (25.0%) | 0.6 |
| **Liking for salt, n(%)** | 21 | 3 (60.0%) | 11 (68.8%) | >0.9 |
| **Hypoglycaemia, n(%)** | 21 |  |  |  |
| No |  | 5 (100.0%) | 16 (100.0%) |  |
| **Loss of consciousness** | 20 |  |  |  |
| No |  | 5 (100.0%) | 15 (100.0%) |  |
| **Diarrhoea, n(%)** | 21 | 0 (0.0%) | 6 (37.5%) | 0.3 |
| **Dizziness, n(%)** | 20 | 3 (60.0%) | 8 (53.3%) | >0.9 |
| **Shock, n(%)** | 21 |  |  |  |
| No |  | 5 (100.0%) | 16 (100.0%) |  |
| **Anorexia, n(%)** | 21 | 2 (40.0%) | 5 (31.2%) | >0.9 |
| **Loss of axillary and pubic hair, if female, n(%)** | 21 |  |  | 0.8 |
| No |  | 2 (40.0%) | 6 (37.5%) |  |
| Not applicable |  | 2 (40.0%) | 9 (56.2%) |  |
| Yes |  | 1 (20.0%) | 1 (6.2%) |  |
| **Any postural drop in blood pressure, n(%)** | 21 | 0 (0.0%) | 1 (6.2%) | >0.9 |
| **Presence of anaemia, n(%)** | 21 | 3 (60.0%) | 9 (56.2%) | >0.9 |
| **Presence of an opportunistic infection, n(%)** | 21 | 5 (100.0%) | 16 (100.0%) |  |
| **Tuberculosis, n(%)** | 21 |  |  | >0.9 |
| Yes |  | 3 (60.0%) | 8 (50.0%) |  |
| No |  | 2 (40.0%) | 8 (50.0%) |  |
| **Cryptococcus neoformans, n(%)** | 21 |  |  | >0.9 |
| Yes |  | 0 (0.0%) | 0 (0.0%) |  |
| No |  | 5 (100.0%) | 16 (100.0%) |  |
| **Toxoplasmosis, n(%)** | 21 |  |  |  |
| No |  | 5 (100.0%) | 16 (100.0%) |  |
| **Mycobacterium avium-intracellulare, n(%)** | 21 |  |  |  |
| No |  | 5 (100.0%) | 16 (100.0%) |  |
| **Kaposis sarcoma, n(%)** | 21 |  |  | >0.9 |
| Yes |  | 0 (0.0%) | 0 (0.0%) |  |
| No |  | 5 (100.0%) | 16 (100.0%) |  |
| **Cytomegalovirus, n(%)** | 21 |  |  | >0.9 |
| Yes |  | 0 (0.0%) | 1 (6.2%) |  |
| No |  | 5 (100.0%) | 15 (93.8%) |  |
| **Other, n(%)** | 21 |  |  | >0.9 |
| Yes |  | 2 (40.0%) | 8 (50.0%) |  |
| No |  | 3 (60.0%) | 8 (50.0%) |  |
| **Total CD4 count, median (IQR) µ/mL** | 21 | 17 (15, 46) | 26 (13, 50) | >0.9 |
| **Sodium, *median (IQR)* mmol/L** | 21 | 134.0 (133.0, 139.0) | 135.0 (131.8, 137.0) | 0.9 |
| **Potassium, *median (IQR) mmol/L*** | 21 | 3.60 (3.30, 3.90) | 3.80 (3.27, 4.60) | 0.6 |
| **Haemoglobin, *median (IQR)* g/dL** | 21 | 8.70 (8.10, 10.50) | 8.20 (7.57, 10.22) | 0.6 |
| **White cell count, median (IQR) x109** | 21 | 6 (4, 11) | 4 (2, 6) | 0.3 |