Table 1:

| Variable | N | Overall, N = 428 | 0 - 30, N = 210 | 31 - 60, N = 113 | 61 - 100, N = 105 | p-value |
| --- | --- | --- | --- | --- | --- | --- |
| **Demographics** |  |  |  |  |  |  |
| **Age at enrolment** | 428 | 36 (31, 42) | 34 (30, 41) | 37 (32, 43) | 37 (32, 46) | 0.012 |
| **gender** | 427 |  |  |  |  | 0.3 |
| Females |  | 217 (50.8%) | 104 (49.8%) | 64 (56.6%) | 49 (46.7%) |  |
| Males |  | 210 (49.2%) | 105 (50.2%) | 49 (43.4%) | 56 (53.3%) |  |
| **Ethnicity** | 426 |  |  |  |  | 0.2 |
| Asian |  | 1 (0.2%) | 1 (0.5%) | 0 (0.0%) | 0 (0.0%) |  |
| Black African |  | 355 (83.3%) | 180 (86.1%) | 95 (84.1%) | 80 (76.9%) |  |
| Coloured |  | 68 (16.0%) | 27 (12.9%) | 17 (15.0%) | 24 (23.1%) |  |
| White |  | 2 (0.5%) | 1 (0.5%) | 1 (0.9%) | 0 (0.0%) |  |
| **History:** |  |  |  |  |  |  |
| **Duration of current illness** | 400 | 14 (14, 21) | 14 (14, 21) | 14 (14, 29) | 14 (8, 21) | 0.3 |
| **Tiredness** | 411 | 349 (84.9%) | 175 (86.2%) | 92 (83.6%) | 82 (83.7%) | 0.8 |
| **Weakness** | 410 | 343 (83.7%) | 170 (84.6%) | 94 (84.7%) | 79 (80.6%) | 0.6 |
| **Poor appetite** | 408 | 307 (75.2%) | 157 (78.1%) | 81 (73.6%) | 69 (71.1%) | 0.4 |
| **Weight loss** | 412 | 363 (88.1%) | 181 (89.2%) | 97 (87.4%) | 85 (86.7%) | 0.8 |
| **Nausea** | 410 | 209 (51.0%) | 115 (56.9%) | 56 (50.9%) | 38 (38.8%) | 0.013 |
| **Vomiting** | 409 | 112 (27.4%) | 57 (28.4%) | 29 (26.4%) | 26 (26.5%) | >0.9 |
| **Diarrhoea** | 407 | 162 (39.8%) | 93 (46.0%) | 41 (37.3%) | 28 (29.5%) | 0.020 |
| **Liking for salt** | 407 | 256 (62.9%) | 138 (68.7%) | 69 (63.3%) | 49 (50.5%) | 0.010 |
| **Dizziness** | 407 | 179 (44.0%) | 100 (49.8%) | 44 (40.0%) | 35 (36.5%) | 0.060 |
| **Loss of consciousness** | 407 | 5 (1.2%) | 3 (1.5%) | 1 (0.9%) | 1 (1.0%) | >0.9 |
| **Clinical findings** |  |  |  |  |  |  |
| **Hypoglycaemia** | 408 | 9 (2.2%) | 4 (2.0%) | 2 (1.8%) | 3 (3.1%) | 0.8 |
| **Hypotension** | 408 | 30 (7.4%) | 16 (8.0%) | 11 (10.1%) | 3 (3.1%) | 0.14 |
| **BP (systolic)** | 427 | 110 (100, 125) | 110 (100, 123) | 114 (100, 130) | 112 (105, 121) | 0.2 |
| **BP (diastolic)** | 427 | 70 (60, 78) | 70 (60, 80) | 70 (60, 79) | 69 (60, 75) | 0.7 |
| **Any postural drop in blood pressure** | 410 | 14 (3.4%) | 11 (5.4%) | 3 (2.7%) | 0 (0.0%) | 0.038 |
| **Shock** | 411 | 5 (1.2%) | 3 (1.5%) | 1 (0.9%) | 1 (1.0%) | >0.9 |
| **Anorexia** | 409 | 172 (42.1%) | 95 (47.3%) | 45 (40.9%) | 32 (32.7%) | 0.054 |
| **Loss of axillary and pubic hair, if female** | 414 |  |  |  |  | 0.14 |
| No |  | 151 (36.5%) | 67 (32.5%) | 50 (45.5%) | 34 (34.7%) |  |
| Not applicable |  | 195 (47.1%) | 102 (49.5%) | 42 (38.2%) | 51 (52.0%) |  |
| Yes |  | 68 (16.4%) | 37 (18.0%) | 18 (16.4%) | 13 (13.3%) |  |
| **Increased pigmentation of the skin** | 395 | 180 (45.6%) | 98 (49.2%) | 46 (43.0%) | 36 (40.4%) | 0.3 |
| **Investigations** |  |  |  |  |  |  |
| **Presence of anaemia** | 406 | 223 (54.9%) | 119 (59.5%) | 59 (54.1%) | 45 (46.4%) | 0.10 |
| **Haemoglobin g/dL** | 425 | 8.70 (7.40, 10.30) | 8.60 (7.50, 9.90) | 8.70 (7.40, 9.90) | 9.20 (7.40, 11.05) | 0.10 |
| **Presence of an opportunistic infection** | 425 | 422 (99.3%) | 207 (99.5%) | 111 (99.1%) | 104 (99.0%) | >0.9 |
| **White cell count X109** | 422 | 5.3 (3.5, 8.0) | 4.9 (2.7, 6.8) | 5.8 (4.3, 9.0) | 6.6 (4.4, 9.7) | <0.001 |
| **Lymphocyte count X109** | 93 | 0.8 (0.4, 1.8) | 0.6 (0.3, 1.4) | 0.9 (0.5, 1.9) | 1.1 (0.4, 3.9) | 0.2 |
| **Neutrophils** | 93 | 3 (1, 8) | 2 (1, 5) | 6 (2, 14) | 7 (4, 11) | 0.018 |
| **log10 viral load** | 97 | 4.54 (3.16, 5.35) | 5.07 (4.03, 5.55) | 3.58 (2.76, 5.10) | 3.48 (1.70, 4.33) | <0.001 |
| **Sodium mmol/L** | 407 | 134.0 (130.0, 137.0) | 134.0 (130.0, 137.0) | 134.0 (130.0, 137.0) | 133.0 (130.0, 136.0) | >0.9 |
| **Potassium mmol/L** | 408 | 4.10 (3.60, 4.60) | 4.00 (3.60, 4.60) | 4.05 (3.70, 4.50) | 4.20 (3.60, 4.70) | 0.5 |
| **Random cortisol** | 380 | 466 (369, 574) | 486 (388, 575) | 440 (357, 573) | 441 (353, 564) | 0.2 |
| **Basal cortisol** | 148 | 422 (315, 561) | 438 (314, 568) | 432 (350, 531) | 388 (269, 517) | 0.4 |
| **Stimulated cortisol** | 145 | 697 (548, 826) | 716 (529, 834) | 680 (565, 798) | 699 (568, 805) | >0.9 |
| **ACTH** | 380 | 32 (21, 51) | 34 (22, 52) | 29 (17, 48) | 32 (22, 51) | 0.6 |
| **Opportunistic infections (OI)** |  |  |  |  |  |  |
| **Tuberculosis** | 428 | 312 (72.9%) | 155 (73.8%) | 83 (73.5%) | 74 (70.5%) | 0.8 |
| **Cryptococcus neoformans** | 428 | 1 (0.2%) | 1 (0.5%) | 0 (0.0%) | 0 (0.0%) | >0.9 |
| **Cytomegalovirus** | 428 | 1 (0.2%) | 0 (0.0%) | 1 (0.9%) | 0 (0.0%) | 0.5 |
| **Kaposi’s sarcoma** | 428 | 1 (0.2%) | 1 (0.5%) | 0 (0.0%) | 0 (0.0%) | >0.9 |
| **Other** | 428 | 114 (26.6%) | 50 (23.8%) | 31 (27.4%) | 33 (31.4%) | 0.3 |