**Supplemental Digital Content 1.** Demographic and clinical features of children (<13 years) diagnosed with abdominal tuberculosis amongst bacteriologically confirmed cases according to HIV status at Tygerberg Hospital from 2014 to 2018

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| --- | --- | --- | --- |
| **Characteristics** | **HIV positive** | **HIV negative** | **All patients** |
| **Total** | **26** (27.4%) | **69** (72.6%) | **95 (100%)** |
| **Male sex** | 11 (42.3%) | 36 (52.2%) | 47 (49.5%) |
| **Age**  Median in months (IQR)  <5 years  ≥5 years | 86 (48-126.5)  9 (34.6%)  17 (65.4%) | 43 (20-94)  45 (65.2%)  24 (34.8%) | 43 (20-94)  54 (56.8%)  41 (43.2%) |
| **Weight**  Median in kg (IQR)  **WAZ**  Moderately malnourished (>-3 - ≤-2 SD)  Severely malnourished (≤-3 SD) | 12.7 (8,1-17)  4/17 (23.5%)  7/17 (41.2%) | 11,8 (7,9-17)  20/59 (33.9%)  23/59 (38.9%) | 12,1 (7,9-17)  30/76 (39.5%)  24/76 (31.6%) |
| **Known TB contact**  Contact mother | 16 (61.5%)  6/16 (37.5%) | 42 (60.9%)  7/42 (16.7%) | 58 (61.0%)  13/58 (22.4%) |
| **TST positive** | 2/4 (50%) | 8/11 (72.7%) | 10/15 (66.7%) |
| **SYMPTOMS AND SIGNS**  FTT/LOW  Fever  Hepatomegaly  Cough  Abdominal distention  Peripheral lymphadenopathy  Hepatosplenomegaly  Splenomegaly  Night sweats  Diarrhea  Vomit  Constipation  Masses  Ascites (clinical)  Doughty abdomen  Melena | 23 (88.5%)  23 (88.5%)  17 (65.4%)  21 (80.8%)  16 (61.5%)  12 (46.1%)  9 (34.6%)  9 (34.6%)  10 (38.5%)  9 (34.6%)  5 (19.2%)  1 (3.8%)  1 (3.8%)  0 (0%)  2 (7.7%)  0 (0%) | 57 (82.6%)  45 (65.2%)  40 (57.9%)  36 (52.2%)  36 (52.2%)  23(33.3%)  17 (24.6%)  18 (26.1%)  9 (13.0%)  7 (10.1%)  11 (15.9%)  11 (15.9%)  4 (5.8%)  4 (5.8%)  2 (2.9%)  1 (1.4%) | 80 (84.2%)  68 (71.6%)  57 (60%)  57 (60%)  52 (54.7%)  35 (36.8%)  26 (27.4%)  27 (28.4%)  19 (20%)  16 (16.8%)  16 (16.8%)  12 (12.6%)  5 (5.26%)  4 (4.2%)  4 (4.2%)  1 (1%) |
| **COMPLICATIONS**  Bowel perforation  Intussusception  Entero-cutaneous fistula | 1 (3.8%)  1 (3.8%)  0 (0%)  0 (0%) | 5 (7.2%)  3 (4.3%)  1 (1.4%)  1 (1.4%) | 6 (6.3%)  4 (4.2%)  1 (1%)  1 (1%) |
| **TYPE OF ABDOMINAL TB**  Abdominal lymph node related  Solid organ involvement  Peritoneal  Intestinal | 18 (69.2%)  20 (76.9%)  7 (26.9%)  1 (3.8%) | 47 (68.1%)  32 (46.4%)  15 (21.7%)  9 (13.0%) | 65 (68.4%)  52 (54.7%)  22 (23.2%)  10 (10.5%) |

TB: tuberculosis; WAZ: weight for age Z score; FTT/LOW: failure to thrive/loss of weight

We calculated WAZ for all children <10 years of age. (WAZ is not reliable for children >10 years due to pubertal growth spurt). WAZ was determined for 76/95 children. (19 children were> 10 years or weight was not reported)