

**Supplemental Table 1 (Web Appendix): Reported cause of death among study participants according to treatment arm**

<b>Primary Cause of Death</b>	<b>Empiric (n=19*)</b>	<b>IPT (n=22)</b>	<b>All Participants (n=41)</b>
HIV infection or HIV-related diagnosis	17 (89%)	11 (50%)	28 (68%)
TB related death	2	2	
Non-HIV diagnosis	0 (0%)	5 (23%)	5 (12%)
Toxicity	0 (0%)	1 (5%)	1 (2%)
No information available	2 (11%)	4 (18%)	6 (15%)
Other – metabolic acidosis	0 (0%)	1 (5%)	1 (2%)

Data are n (%). \*One participant in the Empiric arm died at week 11.6 after going off study. The cause of death is not available.

**Supplemental Table 2 (Web Appendix):**

	<b>Empiric (N=32)</b>	<b>IPT (N=19)</b>	<b>All Participants (N=51)</b>
<b>Decision, valid diagnosis, AIDS defining event</b>	<b>31 (97%)</b>	<b>18 (95%)</b>	<b>49 (96%)</b>
Extra pulmonary tuberculosis - clinical diagnosis only	10	8	18
Pulmonary tuberculosis - confirmed	11	4	15
Culture Positive	3 (27%)	4 (100%)	7 (47%)
Xpert MTB/RIF Positive	4 (36%)	0 (0%)	4 (27%)
AFB positive	5 (45%)	0 (0%)	5 (33%)
Pulmonary tuberculosis - probable	3	3	6
Extra pulmonary tuberculosis - probable	5	0	5
Pulmonary tuberculosis-clinical diagnosis only	1	2	3
Extra pulmonary tuberculosis - confirmed	1	1	2
Culture Positive	0 (0%)	0 (0%)	0 (0%)
Xpert MTB/RIF Positive	0 (0%)	1 (100%)	1 (50%)
AFB positive	1 (100%)	0 (0%)	1 (50%)
<b>Decision, valid diagnosis, not AIDS defining</b>	<b>1 (3%)</b>	<b>0 (0%)</b>	<b>1 (2%)</b>
Extra pulmonary tuberculosis - clinical diagnosis only	1	0	1
<b>Chair reviewed, does not meet App 60</b>	<b>0 (0%)</b>	<b>1 (5%)</b>	<b>1 (2%)</b>
Extra pulmonary tuberculosis - clinical diagnosis only	0	1	1
	<b>Empiric (N=425)</b>	<b>IPT (N=426)</b>	<b>All Participants (N=851)</b>
<b>Severe bacterial infections</b>	<b>37 (9%)</b>	<b>52 (12%)</b>	<b>89 (10%)</b>
Acute gastrointestinal/diarrheal syndrome - confirmed	2	0	2
Acute gastrointestinal/diarrheal syndrome - probable	10	12	22

Acute dysentery - probable	0	1	1
Chronic diarrhea - probable	0	1	1
Persistent diarrhea	1	3	4
Bacterial pneumonia - confirmed	2	3	5
Bacterial pneumonia - probable	6	8	14
Bacterial pneumonia - clinical diagnosis only	8	9	17
Bacterial sepsis/catheter related bacteremia/sepsis - confirmed	0	2	2
Bacterial sepsis/catheter related bacteremia/sepsis-clinical diagnosis only	5	8	13
Salmonella sepsis (non-typhoid) - confirmed	1	0	1
Bacterial sinusitis - probable	1	2	3
Bacterial infection-deep tissue/other normally sterile site-confirmed	0	1	1
Bacterial infection-deep tissue/other normally sterile site-probable	0	1	1
Pelvic inflammatory disease - probable	1	1	2

Data are n (%).