

S1 Patients recruited – site and treatment received

PID	Site	Age	Sex	Fluconazole Dose
001	MNH	19	F	1200mg/day
002	MNH	35	M	1200mg/day
003	MNH	40	M	1200mg/day
006	MNH	50	F	1200mg/day
007	MNH	37	M	1200mg/day
008	ARH	33	F	800mg/day
009	ARH	40	M	800mg/day
010	ARH	48	F	800mg/day
011	ARH	42	M	800mg/day
013	ARH	40	F	800mg/day
014	ARH	31	F	800mg/day
015	ARH	50	F	800mg/day
016	ARH	30	F	800mg/day
017	ARH	45	F	800mg/day
018	ARH	40	F	800mg/day
019	MRH	43	M	5FC/FLU
021	MRH	30	M	5FC/FLU
022	ARH	29	F	5FC/FLU
023	MRH	33	M	5FC/FLU
024	MRH	53	M	5FC/FLU

PID -Patient identification number, MNH - Muhimbili National Hospital, ARH -Amana Regional Hospital, MRH- Mwananyamala Regional Hospital 5FC/FLU – patient received 1200mg Fluconazole + 100mg/kg/day 5FC

S2 Baseline characteristics of study patients

	<i>n</i>
Total included	20*
Male	9
Female	11
Age (range)	19-53
CD4 cells/mm ³ median (IQR)	35 (12-62)
GCS < 15	10 (50%)
CSF Opening Pressure >20 cm H ₂ O	16 (80%)
Baseline Fungal Burden CFU/ml CSF median (IQR)	67,000 (10,100 – 902,500)
Mortality	
2 weeks	4 /20 (20%)
10 weeks	7/16 (44%)**
1 year	8/16 (50%)**

*24 recruited; 3 patients were culture negative and 1 isolate unusable due to contamination

**4 patients lost to follow-up between 2 and 10 weeks

S3 [WGS coverage and SNP data](#)

Isolate ID	# reads aligned (millions)	Depth of coverage (x)	% reference genome covered ^a	# filtered SNPs
DAR0101	62.0	207	99.0	44717
DAR0101R	5.4	36	98.6	44269
DAR0201	6.0	40	98.5	46437
DAR0201R	4.6	31	98.4	45012
DAR0301	11.0	68	98.6	46810
DAR0301R	8.5	52	98.5	46667
DAR0601	14.8	86	98.7	46876
DAR0601R	14.3	84	98.5	46861
DAR0701	4.0	28	98.5	44428
DAR0701R	16.8	94	98.1	46375
DAR0801	5.4	37	98.7	44006
DAR0801R1	6.9	45	98.6	44506
DAR0901	15.6	91	98.7	46918
DAR0901R	8.0	50	98.7	46542
DAR1001	6.0	41	98.3	44472
DAR1001R	6.6	42	98.5	44399
DAR1101	3.1	20	98.2	39423
DAR1101R	10.7	64	98.2	46648
DAR1301	6.4	42	98.7	46198
DAR1301R	7.1	45	98.2	46096
DAR1401	6.0	41	98.7	44490
DAR1401R	4.9	33	98.7	44244
DAR1501	56.9	198	98.5	46393
DAR1501R	4.8	33	98.5	43495
DAR1601	15.0	87	98.4	47558
DAR1601R	9.9	59	98.3	47142
DAR1701	4.8	32	98.7	43751
DAR1701R	13.9	83	98.4	46337
DAR1801	14.3	85	98.5	46349
DAR1801R	15.1	86	98.3	46360
DAR1901	4.8	33	98.5	46221
DAR1901R	13.7	83	99.3	47268
DAR2101	8.8	51	98.7	44176
DAR2101R	8.7	52	98.7	44250
DAR2301	15.4	86	98.6	46889
DAR2301R	14.3	83	99.3	47216
DAR2401	6.4	42	98.5	46700
DAR2401R	6.1	36	98.5	45542