

Table 2. Demographic and clinical characteristics of HBsAg seropositive among HIV co-infected patients from northwest Ethiopia

Variables	Seropositive for HBV		Total	X ²	P-value
	Non-viraemic	Viraemic			
Age group (in years): 18-40	42(47.2)	47(52.8)	88(62.2)		
41-61	30(55.6)	24(44.4)	54(37.8)	0.9	0.33
Sex: Male	30(46.9)	34(53.3)	64(44.8)		
Female	42(53.2)	37(46.8)	79(52.2)	0.56	0.45
WHO staging: I	41(47.7)	45(52.3)	86(60.1)		
II	5(29.4)	12(70.6)	17(11.9)		
III	6(60.0)	4(40.0)	10(7.0)		
IV	2(28.6)	5(71.4)	7(4.9)	12.1	0.02
Status unknown	18(78.3)	5(21.7)	23(16.1)		
ART status at the time of blood collection: Naïve	17(34.0)	33(66.0)	50(35.0)		
Experienced	55(59.1)	38(40.9)	93(65.0)	8.2	0.004
Basis for ART eligibility: Clinical only	14(70.0)	6(30.0)	20(14.0)		
CD4+	21(56.8)	16(43.2)	37(25.9)		
CD4+ + Clinical	20(55.6)	16(44.4)	36(25.9)	1.3	0.53
ART regimen at the time of blood collection: d4t-3TC-NVP/EFV	1(100.0)	0(0.0)	1(1.1)		
AZT-3TC-NVP/EFV	29(52.7)	26(47.3)	55(63.2)		
TDF-3TC-NVP/EFV	20(66.7)	10(33.3)	30(34.5)		
3TC/AZT/Kaletra	1(100.0)	0(0.0)	1(1.1)	4.2	0.52
Duration (Months) on ART: Not started	18(41.5)	23(58.5)	41(28.7)		
1-36 months	8(25.0)	24(75.0)	32(22.4)		
37-73 months	28(68.3)	13(31.7)	41(28.7)		
74-109 months	17(63.0)	10(37.0)	27(18.9)		
>109 months	1(50.0)	1(50.0)	2(1.4)	16.0	0.007
ART regimens switch from baseline: No	29(54.7)	24(45.3)	53(57.0)		
Yes	26(65.0)	14(35.0)	40(44.1)	0.98	0.32
Reason for ART regimen change					
Drug toxicity	12(63.2)	7(36.8)	19(46.3)		
Tuberculosis infection	2(100.0)	0(0.0)	2(4.9)		
Clinical/immunological/virological failure	0(0.0)	1(100.0)	1(2.4)		
Other reasons (risk of pregnancy, etc.)	12(63.2)	7(36.8)	19(46.3)	2.9	0.41
ART toxicity encountered: No	43(58.1)	31(41.9)	74(79.6)		
Yes	12(63.2)	9(36.8)	19(20.4)	0.2	0.69
Immune reconstituted syndrome (IRS): No	46(56.8)	35(43.2)	81(56.6)		
Yes	4(66.7)	2(33.3)	6(4.2)		
Not determined	22(39.3)	34(60.7)	56(39.2)	4.7	0.09
Current opportunistic infections: No	69(50.4)	68(49.6)	137(95.8)		
Yes	3(50.0)	3(50.0)	6(4.2)	0.0	0.97
Previous opportunistic infections: No	49(51.6)	46(48.4)	95(66.4)		
Yes	23(47.9)	25(52.1)	48(33.6)	0.17	0.68
Tuberculosis treated before: No	60(51.7)	48(50.3)	116(81.1)		
Yes	12(44.4)	15(55.6)	27(18.9)	0.46	0.50