

Web Appendix Table A1: Baseline Determinants of Total HDL-P Changes (baseline-to-month 6) among Participants Initiating ART (VS group; n=128)

Covariate	Models for Change in Log-e Total HDL-P			
	Univariate		Multivariate	
	Reg. Coeff (SE)	p-value	Reg. Coeff (SE)	p-value
Baseline Total HDL-P (per log-e nmol/L)	-0.74 (0.07)	<0.001	-0.67 (0.07)	<0.001
Age (per 10 years older)	0.01 (0.03)	0.70	0.00 (0.03)	0.92
Female gender (vs. male)	0.04 (0.06)	0.49	0.06 (0.04)	0.19
Black race (vs. other)	0.03 (0.05)	0.56	0.04 (0.04)	0.34
Prior AIDS (vs. not)	0.10 (0.07)	0.17	0.19 (0.05)	<0.001
ART naïve (vs. not)	-0.06 (0.05)	0.22	0.00 (0.04)	0.90
CD4+ count (per 100 cells/mm ³ higher)	0.03 (0.01)	0.09	0.02 (0.01)	0.15
Baseline HIV RNA (per log-10 copies/mL)	0.03 (0.03)	0.36	-0.03 (0.03)	0.29
Hepatitis B or C co-infection (vs. not)	-0.02 (0.06)	0.76	-0.06 (0.05)	0.17
Current smoker (vs. not)	0.07 (0.05)	0.20	0.04 (0.04)	0.35
Body mass index (per kg/m ² higher)	-0.01 (0.00)	0.16	-0.01 (0.00)	0.13
Diabetes (vs. not)	0.07 (0.11)	0.56	0.11 (0.09)	0.23
Blood pressure-lowering therapy (vs. not)	0.02 (0.07)	0.76	0.03 (0.06)	0.57
Lipid-lowering therapy (vs. not)	0.13 (0.11)	0.21	0.06 (0.08)	0.46
Baseline LDL-C level (per 10 mg/dL)	-0.03 (0.01)	0.002	-0.01 (0.01)	0.11
Baseline triglycerides (per 10 mg/dL)	0.00 (0.00)	0.46	0.00 (0.00)	0.31
Baseline hsCRP level (per log-e µg/mL)	0.07 (0.02)	<0.001	0.05 (0.02)	0.004
Baseline IL-6 level (per log-e pg/mL)	0.09 (0.03)	0.008	-0.06 (0.03)	0.05
Baseline D-dimer level (per log-e µg/mL)	0.07 (0.03)	0.03	-0.01 (0.03)	0.68
Started NNRTI-based ART (vs. other)	0.13 (0.05)	0.01	0.12 (0.04)	0.003

HDL-P = high-density lipoprotein particle concentration; ART = antiretroviral therapy; LDL-C = low-density lipoprotein cholesterol; hsCRP = high sensitivity C-reactive protein; IL-6 = interleukin-6; NNRTI = non-nucleoside reverse transcriptase inhibitor

Web Appendix Table A2: Baseline Determinants of ApoA1 Changes (baseline-to-month 6) among Participants Initiating ART (VS group; n=116*)

Covariate	Models for Change in Log-e ApoA1			
	Univariate		Multivariate	
	Reg. Coeff (SE)	p-value	Reg. Coeff (SE)	p-value
Baseline ApoA1 (per log-e g/L)	-0.90 (0.07)	<0.001)	-0.84 (0.07)	<0.001
Age (per 10 years older)	0.01 (0.03)	0.71	0.03 (0.02)	0.25
Female gender (vs. male)	0.03 (0.06)	0.59	0.10 (0.04)	0.02
Black race (vs. other)	0.11 (0.06)	0.06	0.05 (0.04)	0.19
Prior AIDS (vs. not)	0.13 (0.08)	0.09	0.12 (0.05)	0.02
ART naïve (vs. not)	0.02 (0.06)	0.71	0.07 (0.04)	0.07
CD4+ count (per 100 cells/mm ³ higher)	0.01 (0.02)	0.35	0.01 (0.01)	0.48
Baseline HIV RNA (per log-10 copies/mL)	0.00 (0.04)	0.96	-0.04 (0.02)	0.11
Hepatitis B or C co-infection (vs. not)	0.09 (0.07)	0.18	0.02 (0.04)	0.73
Current smoker (vs. not)	0.01 (0.06)	0.80	0.05 (0.04)	0.15
Body mass index (per kg/m ² higher)	-0.01 (0.00)	0.12	-0.01 (0.00)	0.14
Diabetes (vs. not)	0.02 (0.12)	0.86	0.02 (0.08)	0.84
Blood pressure-lowering therapy (vs. not)	0.04 (0.07)	0.58	0.05 (0.06)	0.41
Lipid-lowering therapy (vs. not)	0.10 (0.12)	0.38	-0.02 (0.08)	0.79
Baseline LDL-C level (per 10 mg/dL)	-0.03 (0.01)	0.001	-0.02 (0.01)	0.01
Baseline triglycerides (per 10 mg/dL)	0.00 (0.00)	0.31	0.00 (0.00)	0.07
Baseline hsCRP level (per log-e µg/mL)	0.06 (0.02)	0.002	0.05 (0.02)	0.002
Baseline IL-6 level (per log-e pg/mL)	0.05 (0.04)	0.15	-0.06 (0.03)	0.05
Baseline D-dimer level (per log-e µg/mL)	0.09 (0.03)	0.01	0.01 (0.02)	0.80
Started NNRTI-based ART (vs. other)	0.13 (0.06)	0.03	0.11 (0.04)	0.004

*ApoA1 levels only available on 116 of 128 in VS group.

HDL-P = high-density lipoprotein particle concentration; ART = antiretroviral therapy; LDL-C = low-density lipoprotein cholesterol; hsCRP = high sensitivity C-reactive protein; IL-6 = interleukin-6; NNRTI = non-nucleoside reverse transcriptase inhibitor