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ACKNOWLEDGEMENTS

Special thanks to the patients and their families for participation in the study. We would also like to thank Jennifer Graf from the NIH dietary and nutrition department for performing anthropometric evaluations on patients.

Supplemental Digital Content Legend:

Supplemental Digital Content 1 (Table). Characteristics of all study patients, patients with CAA and patients without abnormalities.

Table SDC 1: Characteristics of all study patients, patients with CAA and patients without abnormalities.

	All	CAA^a	No CAA
	N = 27	N = 14	N = 13
General Characteristics:			
Age (yrs)	18.9 ± 3.4	17.7 ± 2.6	20.1 ± 3.8
% Male	41%	50%	31%
% White	37%	28%	46%
% African American	44%	50%	38%
CD4 count (cells/mm ³)	652 ± 380	676 ± 352	626 ± 421
Viral load (copies/ml)	24880 ± 93562	6748 ± 16792	44406 ± 133659
% Undetectable Viral Load	70%	79%	62%
Cardiac Risk factors:			
History of smoking (%)	18%	29%	8%
Systolic Blood Pressure (mmHg)	119 ± 15	122 ± 14	115 ± 16
Diastolic Blood Pressure (mmHg)	71 ± 9	74 ± 8	68 ± 10
Triglycerides (mg/dL)	154 ± 173	137 ± 132	173 ± 213
Total Cholesterol (mg/d)	152 ± 38	158 ± 40	145 ± 36
LDL (mg/dL)	85 ± 27	91.7 ± 25.6	78 ± 27
HDL (mg/dL)	45 ± 14	45 ± 13	45 ± 14
BMI (kg/m ²)	22.6 ± 3.6	23.2 ± 4.0	21.9 ± 3.1
Waist to hip ratio	0.92 ± .08	0.92 ± .07	0.92 ± .09
Antiretroviral Exposure			
Years on ARV	15.0 ± 2.9	15.2 ± 2.7	14.7 ± 3.2
Zidovudine years	6.5 ± 4.4	6.8 ± 4.4	6.2 ± 4.6
Abacavir years	1.7 ± 2.8	2.0 ± 3.0	1.4 ± 2.6

Tenofovir years ^b	1.6 ± 2.1	2.3 ± 2.1	0.84 ± 1.95
Emtricitabine years ^b	0.8 ± 1.3	1.2 ± 1.6	.29 ± .74
PI years	10.1 ± 2.8	10.1 ± 2.4	10.0 ± 3.3

Inflammatory markers:

CRP (mg/dL)	0.22 ± 0.33	0.29 ± 0.41	0.12 ± 0.14
D-Dimer (mg/dL)	0.34 ± 0.19	0.32 ± 0.11	0.37 ± 0.25
Homocysteine (mg/dL)	6.3 ± 1.9	6.1 ± 1.6	6.5 ± 2.1
Pro BNP (mg/dL)	52.9 ± 59.4	31.4 ± 21.9	76.3 ± 77.4

^a CAA = Coronary Artery Abnormality greater than mild on cardiac MRI

^b p < .05 for difference between CAA and no CAA

Values present are mean ± SD unless otherwise indicated