

SUPPLEMENTAL DIGITAL CONTENT

Supplementary Table 1. Characteristics of PAPI Study and Sinai Hospital of Baltimore Participants

Characteristic (units)	Amish PAPI*		Sinai Hospital of Baltimore	
	Men	Women	Men	Women
Number (n)	276	290	209	141
Age ± SD (yr)	44.3 ± 12.8	46.7 ± 13.6	63.4 ± 10.8	66.6 ± 10.6
BMI ± SD (kg/m ²)	25.9 ± 3.7	28.0 ± 5.3	30.3 ± 5.9	31.0 ± 7.0
Systolic blood pressure ± SD (mmHg)	116.1 ± 11.7	116.4 ± 13.6	136.5 ± 19.5	141.7 ± 20.6
Diastolic blood pressure ± SD (mmHg)	70.6 ± 7.3	69.4 ± 7.3	73.6 ± 13.0	69.6 ± 13.8
Hypertension (%) [†]	4.4	5.5	76.4	86.4
Total cholesterol ± SD (mg/dl)	207.5 ± 43.5	216.4 ± 50.8	NA	NA
LDL-cholesterol ± SD (mg/dl)	138.7 ± 40.3	139.4 ± 47.0	NA	NA
HDL-cholesterol ± SD (mg/dl)	55.3 ± 14.8	62.0 ± 15.3	NA	NA
Triglycerides ± SD (mg/dl) [‡]	67.7 ± 38.1	74.9 ± 41.5	NA	NA
Hypercholesterolemia (%) [§]	25.0	26.2	83.3	82.0
Taking aspirin (%)	2.2	1.0	100	100
Proton pump inhibitor use (%)	0.7	0.0	21.5	33.1
Self-reported diabetes (%)	1.1	0.7	32.1	46.4
Hematocrit ± SD (%)	41.5 ± 2.4	37.6 ± 2.3	42.3 ± 5.7	38.3 ± 5.0
White blood cell count ± SD (n x 1,000)	6.1 ± 1.5	6.1 ± 1.4	7.7 ± 6.0	9.1 ± 14.2
Platelet count ± SD (n x 100,000)	239.1 ± 43.3	246.9 ± 50.5	221.8 ± 66.3	252.1 ± 67.7
Current smoker (%)	20.1	0.0	24.6	15.0

Abbreviations: BMI, body mass index; HDL, high-density lipoprotein; LDL, low-density lipoprotein; NA, not available; PAPI, Pharmacogenomics of Anti-platelet Intervention; SD, standard deviation.

SI conversion factors: To convert HDL-cholesterol, LDL-cholesterol, and total cholesterol values to mmol/L, multiply by 0.0259; triglycerides to mmol/L, multiply by 0.0113.

*For PAPI Study, all participants were withdrawn from prescription and nonprescription medications, vitamins, and supplements 7 days prior to and for the duration of the study. Participants taking anti-hypertensive, lipid-lowering, and diabetes medications accounted for less than 2% of participants.

[†]Defined as systolic blood pressure greater than 140 mm Hg or diastolic blood pressure greater than 90 mm Hg or taking prescription medication for previously diagnosed hypertension.

[‡]Logarithm-transformed for analysis and back-transformed for presentation.

[§]Defined as LDL-cholesterol greater than 160 mg/dl or taking prescription medication for previously diagnosed hypercholesterolemia.

^{||}Self-reported history of smoking cigarette, pipe, or cigar.