

SUPPLEMENTAL MATERIAL

Table S1. Baseline characteristics comparing patients with versus without supplementation of vitamin B6, B12, and/or folate.

	B-vitamin Use		P value
	No N = 1074	Yes N = 344	
Clinical Parameters			
Age	49.8 ± 12.2	55.3 ± 11.8	<0.0001
Females, n (%)	682 (63.4)	257 (74.3)	0.0002
Body mass index (kg/m ²)	28.6 [24.8; 32.7]	27.4 [24.0; 32.2]	0.07
Hypertension, n (%)	873 (81.3)	278 (80.8)	0.85
Systolic BP (mmHg)	124 ± 16	125 ± 18	0.6
Diastolic BP (mmHg)	75 ± 10	75 ± 10	0.8
Diabetes mellitus, n (%)	119 (11.1)	39 (11.3)	0.9
HbA1c (%)	5.3 [5; 5.6]	5.4 [5.1; 5.6]	0.04
Dyslipidemia, n (%)	610 (56.7)	221 (63.9)	0.02
LDL Cholesterol (mg/dL)	103 ± 36	100 ± 37	0.2
HDL Cholesterol (mg/dL)	53 ± 18	57 ± 18	0.001
Triglycerides (mg/dL)	106 [74; 158]	103 [70; 145]	0.11
Creatinine (mg/dL)	0.96 ± 0.29	0.92 ± 0.19	0.002
CKD, n (%)	120 (11.2)	49 (14.3)	0.12
Smoking history, n (%)	513 (47.7)	145 (42.0)	0.07
ΔCBF (%)	44 [-7; 108]	45 [-5; 100]	0.7
Homocysteine (μmol/L)	8 [6; 10]	7 [6; 9]	<0.0001
Medications			
Aspirin, n (%)	560 (52.0)	196 (56.7)	0.14
Statin, n (%)	430 (40.0)	161 (46.5)	0.03

Anti-hypertensive, n (%)	699 (65.0)	228 (65.9)	0.8
Anti-diabetic, n (%)	83 (7.7)	22 (6.4)	0.4
Diuretics, n (%)	175 (16.3)	65 (18.8)	0.3

BP: Blood Pressure, LDL: Low-density lipoproteins, HDL: High density lipoproteins, eGFR: estimated glomerular filtration rate, CKD: Chronic Kidney Disease, Δ CBF: Blood flow change