

Supplemental data

Hyperuricemia is Independently Associated with Endothelial Dysfunction in Postmenopausal Women but not in Premenopausal Women

Brief title: Hyperuricemia and endothelial function in women

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Table I. Clinical Characteristics of Premenopause and Menopause Women

Variables	Premenopause (n=368)	Postmenopause (n=381)	P value
Age, y	41.5±6.1	58.6±6.3	<0.001
Body mass index, kg/m ²	21.4±3.5	22.5±3.2	<0.001
Systolic blood pressure, mm Hg	113.6±14.4	128.3±20.2	<0.001
Diastolic blood pressure, mm Hg	70.6±11.3	77.9±12.6	<0.001
Heart rate, bpm	63.5±9.6	65.2±10.6	0.02
Total cholesterol, mmol/L	5.05±0.80	5.67±0.84	<0.001
Triglycerides, mmol/L	0.87±0.59	1.25±0.76	<0.001
HDL-cholesterol, mmol/L	1.82±0.40	1.77±0.45	0.11
LDL-cholesterol, mmol/L	2.85±0.68	3.36±0.78	<0.001
Glucose, mmol/L	5.09±0.82	5.55±1.87	<0.001
Uric acid, mg/dL	4.24±1.03	4.64±1.11	<0.001
eGFR, mL/min/1.73 m ²	79.2±12.8	74.9±13.5	<0.001
Framingham risk score, %	1.67±1.36	6.13±3.77	<0.001
Hypertension, n (%)	12 (3.3)	100 (26.3)	<0.001
Dyslipidemia, n (%)	65 (17.7)	197 (51.7)	<0.001
Diabetes mellitus, n (%)	8 (2.2)	26 (6.8)	0.002
Smoking, n (%)	34 (9.2)	25 (6.6)	0.18
Metabolic syndrome, n (%)	17 (4.6)	48 (12.6)	<0.001
Chronic kidney disease, n (%)	18 (5.2)	38 (11.8)	0.002
Endothelial dysfunction, n (%)	125 (34.0)	253 (66.4)	<0.001
Flow-mediated vasodilation, %	7.77±3.71	5.51±3.14	<0.001
Baseline brachial artery diameter, mm	3.28±0.41	3.52±0.49	<0.001

HDL indicates high-density lipoprotein; LDL, low-density lipoprotein; eGFR, estimated glomerular filtration rate.