

Table 4 Relationship between vascular endothelial function and other background parameters

	FMD		RHI	
	R	p-value	R	p-value
Age	-0.439	<0.0001	-0.121	0.262
Heart rate	-0.051	0.635	-0.204	0.057
Systolic blood pressure	-0.064	0.554	0.266	0.012
Diastolic blood pressure	0.243	0.023	0.051	0.636
LDL-cholesterol	0.124	0.268	0.136	0.227
HDL-cholesterol	0.087	0.420	0.045	0.679
Triglyceride	0.011	0.920	-0.028	0.795
FBS	-0.296	0.005	-0.023	0.831
HbA1c	0.046	0.682	0.095	0.395
eGFR	0.120	0.266	0.042	0.696
BNP	0.133	0.218	-0.130	0.228
LVDd	0.240	0.024	-0.136	0.205
LVDs	0.258	0.015	-0.137	0.204
LVEF	-0.192	0.074	0.083	0.442
E/A	0.144	0.196	-0.077	0.493
E/e'	0.027	0.810	0.149	0.180

FMD, flow-mediated dilation; RHI, reactive hyperemia index; LDL, low-density lipoprotein; HDL, high-density lipoprotein; FBS, fasting blood glucose; HbA1c, hemoglobin A1c; eGFR, estimated glomerular filtration rate; BNP, brain natriuretic peptide; LVDd, left ventricular diastolic dimension; LVDs, left ventricular systolic dimension; LVEF, left ventricular ejection fraction; E/A, ratio of peak early diastolic flow velocity by peak atrial systolic flow velocity; E/e', ratio of peak early diastolic flow velocity by early diastolic mitral annular velocity