

Supplementary Table 1 (S1). Pearson's correlation analysis between week 0 and 8 in SHR+100 mg of policosanol group.

Group	Data A	Data B	Correlation coefficient (r)	Significance.
SHR+100mg (n=10)				
Before (0week)	Systolic	Heart rate	0.597	0.126
After (8week)		(bpm)	0.680	0.063
Before (0week)	Systolic	Blood flow	-0.428	0.290
After (8week)		(μ L/min)	0.615	0.059
Before (0week)	Systolic	Blood volume	-0.685	0.061
After (8week)		(μ L)	0.741	0.014*
Before (0week)	Diastolic	Heart rate	-0.239	0.569
After (8week)		(bpm)	0.506	0.201
Before (0week)	Diastolic	Blood flow	-0.411	0.312
After (8week)		(μ L/min)	0.775	0.009**
Before (0week)	Diastolic	Blood volume	-0.616	0.104
After (8week)		(μ L)	0.850	0.002**

***, P<0.001; **, P<0.01, *, P<0.05

Supplementary Table 2 (S2). Pearson's correlation analysis between week 0 and 8 in SHR+200 mg of policosanol group.

Group	Data A	Data B	Correlation coefficient (r)	Significance.
SHR+200mg (n=10)				
Before(0week)	Systolic	Heart rate	-0.046	0.914
After(8week)		(bpm)	0.447	0.267
Before(0week)	Systolic	Blood flow	-0.123	0.753
After(8week)		(μL/min)	0.874	0.001**
Before(0week)	Systolic	Blood volume	-0.233	0.546
After(8week)		(μL)	0.855	0.002**
Before(0week)	Diastolic	Heart rate	-0.118	0.781
After(8week)		(bpm)	0.623	0.099
Before(0week)	Diastolic	Blood flow	-0.352	0.353
After(8week)		(μL/min)	0.762	0.01*
Before(0week)	Diastolic	Blood volume	-0.478	0.193
After(8week)		(μL)	0.748	0.013*

***, $P < 0.001$; **, $P < 0.01$, *, $P < 0.05$