

Supplementary material

Table S1. Pearson's correlation analysis between at the baseline and after 12 weeks in the placebo group.

Variables		TC	TG	HDL	% HDL	TG/HDL	LDL	LDL/HDL	MAP
0 week									
Peripheral	SBP	0.262	-0.056	-0.154	-0.272	-0.030	-0.296	0.281	0.889 *
	DBP	0.357	0.245	-0.212	-0.437*	0.212	0.340	0.354	0.955 *
Aortic	SBP	0.457 **	-0.127	-0.059	-0.313	-0.115	0.485 **	0.388	0.822 *
	DBP	0.099	0.163	-0.121	-0.145	0.149	0.084	0.136	0.877 *
12 weeks									
Peripheral	SBP	-0.078	0.020	0.022	0.110	-0.050	-0.097	-0.093	0.928 *
	DBP	-0.118	0.009	-0.053	0.050	-0.046	-0.124	-0.077	0.978 *
Aortic	SBP	-0.137	-0.046	0.033	0.131	-0.100	-0.154	-0.167	0.812 *
	DBP	-0.136	0.005	0.062	0.145	-0.064	-0.169	-0.182	0.898 *

SBP, systolic blood pressure (mmHg); DBP, diastolic blood pressure (mmHg); TC, total cholesterol; TG, triglyceride (mg/dL); HDL-C, high density lipoprotein cholesterol (mg/dL); % HDL, percentage of high density lipoprotein cholesterol; TG/HDL-C, triglyceride ratio high density lipoprotein cholesterol; LDL, low density lipoprotein cholesterol (mg/dL); LDL/HDL; LDL ratio high density lipoprotein cholesterol; MAP, mean arterial pressure. * Correlation is significant at the 0.01 level (2-tailed). ** Correlation is significant at the 0.05 level (2-tailed).

Table S2. Pearson's correlation analysis at the baseline and after 12 weeks of consuming policosanol 10 mg.

Variables		TC	TG	HDL	% HDL	TG/HDL	LDL	LDL/HDL	MAP
0 week									
Peripheral	SBP	0.297	0.237	-0.119	-0.252	0.240	0.226	0.264	0.936 *
	DBP	0.270	0.274	-0.069	-0.204	0.262	0.165	0.199	0.968 *
Aortic	SBP	0.410 **	0.234	0.007	-0.265	0.221	0.320	0.257	0.905 *
	DBP	0.098	0.133	0.141	0.037	0.110	0.004	-0.072	0.766 *
12 weeks									
Peripheral	SBP	0.238	0.454 **	-0.255	-0.348	0.461 **	0.060	0.219	0.896 *
	DBP	0.248	0.373	-0.388	-0.456 **	0.401	0.148	0.315	0.956 *
Aortic	SBP	0.289	0.395	-0.215	-0.346	0.432 **	0.131	0.270	0.792 *
	DBP	0.220	0.126	-0.275	-0.374	0.145	0.221	0.293	0.837 *

SBP, systolic blood pressure (mmHg); DBP, diastolic blood pressure (mmHg); TC, total cholesterol; TG, triglyceride (mg/dL); HDL-C, high density lipoprotein cholesterol (mg/dL); % HDL, percentage of high density lipoprotein cholesterol; TG/HDL-C, triglyceride ratio high density lipoprotein cholesterol; LDL, low density lipoprotein cholesterol (mg/dL); LDL/HDL; LDL ratio high density lipoprotein cholesterol; MAP, mean arterial pressure. * Correlation is significant at the 0.01 level (2-tailed). ** Correlation is significant at the 0.05 level (2-tailed).

Table S3. Pearson's correlation analysis at the baseline and after 12 weeks of consuming policosanol 20 mg.

Variables		TC	TG	HDL	% HDL	TG/HDL	LDL	LDL/HDL	MAP
0 week									
Peripheral	SBP	0.039	0.343	-0.201	-0.142	0.327	-0.074	0.010	0.793 *
	DBP	0.381 **	0.516 *	-0.009	-0.190	0.454 **	0.173	0.093	0.967 *
Aortic	SBP	0.306	0.407 **	-0.214	-0.270	0.391 **	0.190	0.174	0.744 *
	DBP	0.374 **	0.490 *	-0.048	-0.212	0.439 **	0.187	0.122	0.861 *
12 weeks									
Peripheral	SBP	0.047	0.401 **	-0.121	-0.148	0.424 **	-0.107	-0.029	0.921 *
	DBP	0.267	0.371	-0.145	-0.366	0.410 *	0.129	0.184	0.975 *
Aortic	SBP	0.064	0.319	-0.072	-0.107	0.357	-0.065	-0.015	0.840 *
	DBP	0.202	0.317	-0.046	-0.213	0.343	0.065	0.082	0.835 *

SBP, systolic blood pressure (mmHg); DBP, diastolic blood pressure (mmHg); TC, total cholesterol; TG, triglyceride (mg/dL); HDL-C, high density lipoprotein cholesterol (mg/dL); % HDL, percentage of high density lipoprotein cholesterol; TG/HDL-C, triglyceride ratio high density lipoprotein cholesterol; LDL, low density lipoprotein cholesterol (mg/dL); LDL/HDL; LDL ratio high density lipoprotein cholesterol; MAP, mean arterial pressure. * Correlation is significant at the 0.01 level (2-tailed). ** Correlation is significant at the 0.05 level (2-tailed).