

SUPPLEMENTAL MATERIAL

Table S1. Summary of outcome assessments comparing circulating biomarker concentration between groups in unadjusted, and adjusted LME analyses.

Parameter assessed	Unadjusted analyses			Adjusted analyses*		
	β (std error) at 3 Weeks	β (std error) at 24 weeks	p-value	β (std error) at 3 Weeks	β (std error) at 24 weeks	p-value
Quality assessment						
Triglycerides†	0.277 (0.050)	0.203 (0.050)	<0.001	0.278 (0.050)	0.204 (0.050)	<0.001
eGFR	12.596 (4.369)	11.727 (4.361)	0.006	12.589 (4.395)	11.722 (4.386)	0.006
Homocysteine†	-0.243 (0.041)	-0.269 (0.041)	<0.001	0.243 (0.041)	-0.268 (0.041)	<0.001‡
Primary outcome measures						
OPN†	0.047 (0.064)	-0.022 (0.064)	0.554	0.048 (0.064)	-0.021 (0.064)	0.551
Kallistatin	0.490 (0.419)	0.324 (0.416)	0.491	0.488 (0.419)	0.322 (0.416)	0.494
Secondary outcome measures						
MMP9†	0.082 (0.072)	0.085 (0.072)	0.406	0.082 (0.072)	0.085 (0.072)	0.405
Resistin†	-0.033 (0.054)	-0.028 (0.054)	0.805	-0.032 (0.054)	-0.028 (0.054)	0.809
OPG	0.020 (0.031)	0.066 (0.031)	0.095	0.019 (0.031)	0.066 (0.031)	0.095
Plasma D-dimer†§	0.070 (0.074)	-0.007 (0.074)	0.528	0.070 (0.074)	-0.007 (0.074)	0.524
CRP†§	0.296 (0.166)	0.119 (0.165)	0.202	0.304 (0.166)	0.122 (0.165)	0.186
Total cholesterol†§	0.059 (0.023)	-0.000 (0.023)	0.011‡	0.060 (0.023)	0.000 (0.023)	0.014‡
HDL-C†	-0.009 (0.029)	0.021 (0.029)	0.576	-0.009 (0.029)	0.021 (0.029)	0.579
LDL-C†§	0.034 (0.037)	-0.046 (0.038)	0.110	0.034 (0.037)	-0.046 (0.038)	0.108
VLDL-C†	0.270 (0.052)	0.166 (0.053)	<0.001	0.271 (0.052)	0.166 (0.053)	<0.001

Beta coefficients refer to the interaction of time and treatment allocation (using patients allocated fenofibrate as a reference) for that time point.

P-values relate to the interaction between time and treatment allocation over the whole 24 weeks.* Model adjusted to include history of CHD and prescription for statins, antiplatelet medications and anticoagulants. † Data transformed using natural log to conform to LME assumptions. ‡

P-values from sub-set analysis excluding outliers. § Data normalized to baseline levels to account for initial differences between groups.

Table S2. Summary of models assessing differences in AAA growth between treatment groups using unadjusted and adjusted LME analyses.

AAA measurement	Unadjusted analyses		Adjusted analyses*	
	β (std error) at 24 weeks	p-value	β (std error) at 24 weeks	p-value
Observer 1				
Inner-wall to inner wall	0.435 (0.398)	0.277	0.432 (0.398)	0.279
Leading edge to leading edge	0.324 (0.327)	0.322	0.323 (0.327)	0.325
Outer wall to outer wall	0.228 (0.313)	0.467	0.227 (0.313)	0.470
Observer 2				
Inner-wall to inner wall	0.078 (0.359)	0.828	0.076 (0.359)	0.832
Leading edge to leading edge	0.115 (0.342)	0.738	0.113 (0.342)	0.742
Outer wall to outer wall	-0.029 (0.327)	0.929	-0.031 (0.327)	0.925

Beta coefficients refer to the interaction of time and treatment allocation (using patients allocated fenofibrate as a reference) for that time point.

P-values relate to the interaction between time and treatment allocation over the whole 24 weeks.* Model adjusted to include history of CHD and prescription for statins, antiplatelet medications and anticoagulants.