Replacement of dietary saturated fat with unsaturated fats increases numbers of circulating endothelial progenitor cells and decreases number of microparticles: findings from the randomized, controlled DIVAS study

Article

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Supplemental Table 2. Independent predictors of baseline EPC, EMP and PMP numbers determined by stepwise regression

Independent predictors	Mean ± SE	β (SE(β))[1]	*P*
EPC, *n*=141			
Augmentation index, %	15.6 ± 1.0	-18.0 (4.6)	<0.001
Night DBP, mm Hg	63.3 ± 0.6	18.7 (7.7)	0.016
Dietary sugar, % total energy	20.1 ± 0.5	-19.5 (9.4)	0.039
EMP, *n*=140			
Augmentation index, %	15.4 ± 1.0	0.72 (0.21)	0.001
P-selectin, ng/mL	40.4 ± 1.1	0.55 (0.20)	0.007
TNFα, pg/mL	1.12 ± 0.05	9.03 (3.99)	0.025
C reactive protein, mmol/L	2.32 ± 0.30	-1.95 (0.73)	0.008
PMP, *n*=138			
Augmentation index, %	15.5 ± 1.0	2.58 (1.12)	0.023
LDI response to acetylcholine, PU	678 ± 71	-0.04 (0.02)	0.029

[1] For the stepwise regression models, unstandardized β coefficients (defining the impact that 1 unit change of the independent variable had on numbers of EPC (/mL of blood) or microparticles (/μL of blood)) were considered significant if $P \leq 0.05$ (determined by t-tests). Abbreviations: DBP: diastolic blood pressure, EMP: endothelial microparticles, EPC: endothelial progenitor cells, LDI: laser Doppler imaging, PMP: platelet microparticles, PU: perfusion units.