

Supplementary Material

List A: Study group search terms

(postmenopausal OR post-menopausal OR post menopausal OR post menopause OR menopause OR menopausal)

List B: Exposure search terms (i.e. dietary fat terms)

(unsaturat* fatty acid* OR saturated fatty acid* OR SFA* OR SAFA* OR dietary saturat* OR stearic acid OR palmitic acid OR myristic acid OR monounsaturated fatty acid* OR MUFA* OR dietary monounsaturat* OR oleic acid OR polyunsaturated fatty acid* OR omega 6 polyunsaturat* OR omega-6 polyunsaturat* OR omega-6 PUFA* OR omega 6 PUFA* OR omega-6 fatty acid* OR omega 6 fatty acid* OR n-6 polyunsaturat* OR n-6 PUFA* OR n6 PUFA* OR n-6 fatty acid* OR n6 fatty acid* OR ω -6 fatty acid* OR ω -6 PUFA* OR ω -6 polyunsaturat* OR dietary polyunsaturat* OR linoleic acid)

(butter OR cocoa butter OR milk OR lard OR beef tallow OR beef dripping OR coconut OR margarine OR ghee OR canola oil OR corn oil OR cottonseed oil OR grapeseed oil OR linseed oil OR olive oil OR palm oil OR primrose oil OR rapeseed oil OR safflower oil OR sesame oil OR soybean oil OR sunflower oil OR walnut oil)

List C: Outcome search terms (i.e. CVD risk factor terms)

Lipids

(cholesterol OR low density lipoprotein cholesterol OR LDL cholesterol OR OR low-density lipoprotein cholesterol OR LDL-C OR high density lipoprotein cholesterol OR HDL cholesterol OR high-density lipoprotein cholesterol OR HDL-C OR lipoprotein OR apolipoprotein OR lipoprotein(a) OR apoB OR chylomicron remnants OR triglycerides OR triacylglycerol OR TRL* OR lipemia OR lipaemia)

Vascular function

(endothelial function OR endothelial dysfunction OR endothelial reactivity OR vascular function OR vasodilatory function OR endothelium OR vascular reactivity OR arterial compliance OR vascular tone)

(skin circulation OR quantitative angiopathy OR venous occlusion plethysmography OR laser Doppler iontophoresis OR laser Doppler imaging OR LDI OR laser Doppler flowmetry OR flow mediated dilatation OR flow mediated dilation OR flow-mediated dilatation OR flow-mediated dilation OR FMD OR digital volume pulse OR DVP OR pulse contour analysis OR pulse wave analysis OR PWA OR augmentation index OR pulse wave velocity OR PWV OR endo-PAT OR endo PAT OR endoPAT OR forearm blood flow OR FBF OR reactive hyperaemia OR reactive hyperemia)

Blood pressure

(blood pressure OR hypertension OR hypotension OR heart rate)

Markers of endothelial dysfunction & inflammation

(nitric oxide OR nitrate* OR nitrite* OR vascular cell adhesion molecule* OR intercellular cell adhesion molecule* OR VCAM-1 OR ICAM-1 OR cell adhesion molecule* OR P-Selectin OR E-Selectin OR blood coagulation factors OR C-reactive protein OR CRP OR interleukin* OR IL-6 OR tumor necrosis factor-alpha OR TNF* OR von willebrand factor OR vWF OR cytokine* OR inflamm* OR inflammation OR endothelial activation OR microalbumin* OR creatinine OR endothelial progenitor cell* OR platelet microparticle* OR endothelial microparticle*)

Searching approach: (A list) AND (one B list) AND (one C list)

For example:

(postmenopausal OR post-menopausal OR post menopausal OR post menopause OR menopause OR menopausal) **AND** (unsaturat* fatty acid* OR saturated fatty acid* OR SFA* OR SAFA* OR dietary saturat* OR stearic acid OR palmitic acid OR myristic acid OR monounsaturated fatty acid* OR MUFA* OR dietary monounsaturat* OR oleic acid OR polyunsaturated fatty acid* OR omega 6 polyunsaturat* OR omega-6 polyunsaturat* OR omega-6 PUFA* OR omega 6 PUFA* OR omega-6 fatty acid* OR omega 6 fatty acid* OR n-6 polyunsaturat* OR n-6 PUFA* OR n6 PUFA* OR n-6 fatty acid* OR n6 fatty acid* OR ω-6 fatty acid* OR ω-6 PUFA* OR ω-6 polyunsaturat* OR dietary polyunsaturat* OR linoleic acid) **AND** (Endothelial function OR endothelial dysfunction OR endothelial reactivity OR vascular function OR endothelium OR vascular reactivity OR arterial compliance OR vascular tone)