Update - March, 2021

Curated by Peter Lansberg, a Dutch lipidologist and educator, and reviewed by prof. Philip Barter, Past President of the International Atherosclerosis Society.

The IAS Statin Newsletter will keep you up-to-date with all recent statin publications, using a curated approach to select relevant articles.

Statin publications March 2021

Add on treatments


Adherence


Atherosclerosis & Imaging


5. Welty FK, Schulte F, Alfaddagh Aet al. Regression of human coronary artery plaque is associated with a high ratio of (18-hydroxy-eicosapentaenoic acid + resolvin E1) to leukotriene B(4). FASEB journal: official publication of the


Atorvastatin/Rosuvastatin


14. Turgeon RD, Sedlak T. Use of Preventive Medications in Patients With Nonobstructive Coronary Artery Disease: Analysis of the PROMISE Trial. CJC


22. Michael L, Caspar M, Alexander Ket *et al.* Major Depressive Disorder (MDD) and Antidepressant Medication Are Overrepresented in High-Dose Statin


Basic science


Cancer


Children


Cost-effectiveness


CVD


8. Schiele F, Quignot N, Khachatryan A et al. Clinical impact and room for improvement of intensity and adherence to lipid lowering therapy: Five years of clinical follow-up from 164,565 post-myocardial infarction


17. Ohm J, Skoglund PH, Häbel Het al. Association of Socioeconomic Status With Risk Factor Target Achievements and Use of Secondary Prevention After


**Endothelium/inflammation**


**Ethnicity**


FH


Generics

Genetics

Guidelines

LDL-related parameters


Lifestyle


Meta-analyses

1. Lee J, Egolum U, Parihar Het al. Effect of Ezetimibe Added to High-Intensity Statin Therapy on Low-Density Lipoprotein Cholesterol Levels: A Meta-


**New Treatments**


5. Mylonas KS, Iliopoulos D, Nikiteas N, Schizas D. Looking for the Achilles heel of atheromatosis: could it be


Other


12. Özdener-Poyraz AE, Vaidean G. Preventive Cardiovascular Care in Patients With HIV Infection in an Outpatient Clinic. Journal of pharmacy


PAD and statins


Pleiotropic effects of statins


7. Kauerova S, Bartuskova H, Muffova B et al. Statins Directly Influence the Polarization of Adipose Tissue Macrophages: A Role in Chronic
Inflammation. Biomedicines 2021;


50. Sharma T, Abobashr M, Baig MHet al. Screening of drug databank against WT and mutant main protease of SARS-CoV-2: Towards finding potential


**Primary Prevention**


**Registry data**


6. Arnesen KE, Phung AV, Randsborg K *et al.* Risk of Recurrent Coronary Events in Patients With Familial Hypercholesterolemia; A 10-Years Prospective


### Renal Disease


### Reviews


Safety and side effects


Stroke and CNS


5. Du RW, Bu WG. Simvastatin Prevents Neurodegeneration in the MPTP Mouse Model of Parkinson’s Disease via Inhibition of A1 Reactive


Triglycerides/HDL


Trials


3. Nishikido T, Fayyad R, Melamed S, Ray KK. TRS2P and LDL-C alone or in combination for predicting absolute benefits from additional LDL-C


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