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 literature update will keep you up-to-date with all recent statin publications, using a curated approach to select relevant articles.

**Statin publications July 2021**

**Add on treatments**


### Adherence


### Atorvastatin/Rosuvastatin


3. Zereshki an A, Waserman S. Liver enzyme elevation and eosinophilia with atorvastatin: a case of probable DRESS without cutaneous symptoms. *Allergy*


14. Handayani W, Suharjono, Yogiarto M. Analysis of HMGB-1 level before and after providing atorvastatin standard therapy in coronary artery disease patients with type-2 diabetes mellitus compared to without type-2 diabetes mellitus. *Journal of*
Basic and clinical physiology and pharmacology 2021; 32:439-446. 


Basic science


3. Zhang XB, Cheng HJ, Yuan YT et al. Atorvastatin attenuates intermittent hypoxia-induced myocardial oxidative stress in a mouse obstructive sleep apnea


Cancer


Cost-effectiveness


CVD


propensity-matched cohorts. Postgraduate medical journal 2021. [34193549]


Endothelium/inflammation


8. Young RP, Scott RJ. Statins as adjunct therapy in COPD: is it time to target innate immunity and cardiovascular risk? The European respiratory journal 2021; 58. [34326175]


nanotechnology, biology, and medicine 2021; 37:102434.  


Ethnicity


FH


Genetics


Guidelines


LDL- related parameters

2. Baum SJ, Rane PB, Nunn S et al. Geographic variations in lipid-lowering therapy utilization, LDL-C levels, and proportion retrospectively meeting the ACC/AHA very high-risk criteria in a real-world population of patients with major atherosclerotic


15. Morieri ML, Perrone V, Veronesi C et al. Improving statin treatment strategies to reduce LDL-cholesterol: factors associated with targets’ attainment in subjects with


**Lifestyle**


**Meta-analyses**


7. Bohara S, Gaonkar VB, Garg K et al. Effect of statins on functional outcome and mortality following aneurysmal subarachnoid hemorrhage - Results of a meta-


Metabolic Syndrome - Diabetes


6. Handayani W, Suharjono, Yogiarto M. Analysis of HMGB-1 level before and after providing atorvastatin standard therapy in coronary artery disease patients with type-2 diabetes mellitus compared to without type-2 diabetes mellitus. Journal of
New Treatments


Other


PAD and statins


### Pleiotropic effects of statins


10. Brännvall E, Ekberg S, Eloranta S et al. Statin use and survival in 16 098 patients with non-Hodgkin lymphoma or chronic lymphocytic leukaemia treated in the rituximab


### Primary Prevention


### Registry data


16. Wańkowicz P, Staszewski J, Dębiec A et al. Pre-Stroke Statin Therapy Improves In-Hospital Prognosis Following Acute Ischemic Stroke Associated with Well-

18. Øvrehus KA, Diederichsen A, Grove EL et al. Reduction of Myocardial Infarction and All-Cause Mortality Associated to Statins in Patients Without Obstructive CAD. JACC. Cardiovascular imaging 2021.  


Renal Disease


Reviews


Safety and side effects


Stroke and CNS


Triglycerides/HDL


4. Kudinov VA, Torkhovskaya TI, Zakharova TS et al. High-density lipoprotein remodeling by phospholipid nanoparticles improves cholesterol efflux capacity and protects from atherosclerosis. Biomedicine & pharmacotherapy = Biomedicine &


Trials


18. Zvizić F, Begić E, Dilić M et al. Effect of atorvastatin on systolic and diastolic function in patients with heart failure with reduced ejection fraction (HFrEF). Medicinski glasnik : official publication of the Medical Association of


