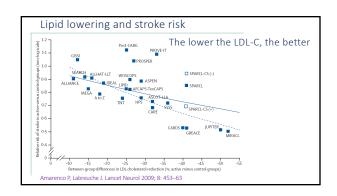
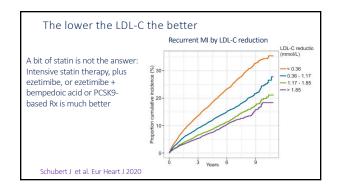
Update On LDL-C Lowering During A Lifetime: How Low To Strive For With Intensive Drug Therapy: How Young To Start If High; How Old To Continue Statins: Why And How Often Should LDL-C Levels Be Measured

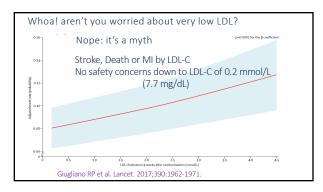
J. David Spence C.M., M.D., FRCPC, FAHA Stroke Prevention & Atherosclerosis Research Centre Robarts Research Institute, Western University, London, Canada

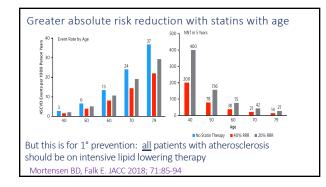
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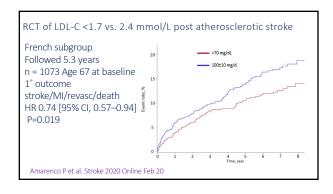
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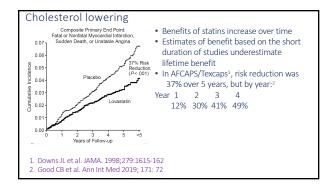


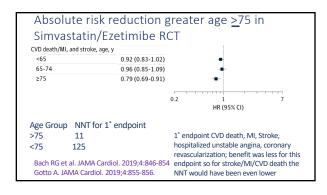


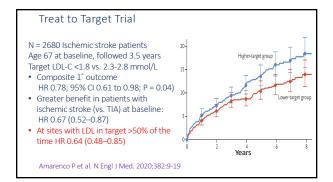


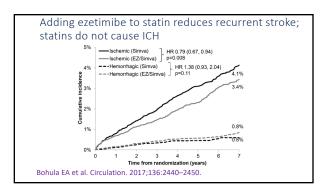


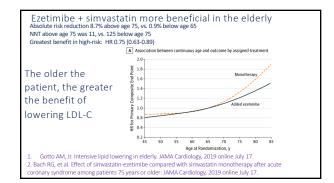


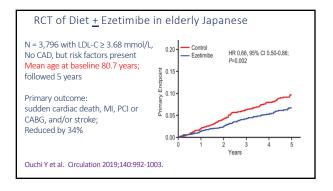


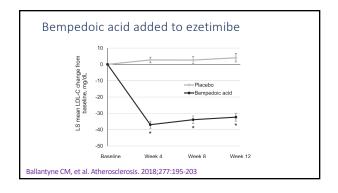












## Ezetimibe should routinely be added to statin or bempedoic acid

- It is synergistic with statin: more than doubles the effect
- Permits lower dose of statin in those with muscle problems
- Reduces the risk of stroke/MI/CVD death (including age > 75)
- Is now recommended as Grade 1 in new European guideline [1]

1.Mach F, et al. 2019 ESC/EAS Guidelines for the management of dyslipidaemias. European Heart Journal. ePub 2019 Aug 31

- Conclusions
   LDL-C should be as low as possible; ezetimibe should be routinely added to statins or bempedoic acid
- Use PCSK9 agents for statin intolerant
- Age is not an issue; what matters is the presence of atherosclerosis
- LDL-C should be measured at baseline, and repeated occasionally to confirm adherence
- Better to measure plaque:
  - "Treating arteries instead of treating risk factors" [1,2]
- 1. Spence JD, Coates V, Li H, Tamayo A, Munoz C, Hackam DG, et al. Effects of intensive medical therapy on microemboli and cardiovascular risk in asymptomatic carotid stenosis. Arch Neurol. 2010;67(2):180-6.
- 2. Spence JD, Hackam DG. Treating arteries instead of risk factors: a paradigm change in management of atherosclerosis. Stroke. 2010;41(6):1193-9.

