The best AP and AC meds for patients with aggressive PAD: ? LDL-c levels? When should ezetimibe and PCSK9 inhibitors be added to statins?

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**Antiplatelet and antithrombotic in PAD**

- Rivaroxaban 2.5 + ASA vs ASA alone
- N = 6391 in COMPASS
- PAD cohort
- MALE

**Disclosures**

Nothing to Disclose

**Major Adverse Limb Events and Mortality in Patients With Peripheral Artery Disease (The COMPASS Trial)**

- Rivaroxaban 2.5 + ASA vs ASA alone
- N = 6391 in COMPASS
- PAD cohort
- MALE

MALE: HR = .57 (.37-.88)
AMP: HR = .31 (1.12-.92)
Tia: HR = .76 (1.36-.97)
Maj bleed: HR = 1.65 (1.1-2.4)
Vorapaxar in Patients With Peripheral Artery Disease
Results From TRA2*P TIMI 50

- Substudy of PAD patients
- N = 3787
- ABI < .85 or prior revasc
- Composite CV outcome (NO DIFF)
- ALI and Revasc outcome

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Lowering LDL is good but is there a limit?

Association Between Baseline LDL-C Level and Total and Cardiovascular Mortality After LDL-C Lowering
A Systematic Review and Meta-analysis

Efficacy and Safety of Further Lowering of Low-Density Lipoprotein Cholesterol in Patients Starting With Very Low Levels
A Meta-analysis

Non statin strategies
• RCT of pts with atherosclerotic and LDL > 70 mg/dL on a statin
• N = 27,564
• F/U = 2.2 yrs
• Composite endpoint CV sig reduced
• Substudy of PAD pts

• RCT of simva 40 + ezetimibe vs simva 40
• N = 18,144
• Recent ACS
• LDL 50-100 mg/dL
• Post LDL = 54 v. 70 (P < .001)
• Composite outcome reduced at 7 yrs

• RCT of 8179 pts with TG >150 <500 mg/Dl
• Placebo or Icosapent Ethyl
• ~ 5 yr FU
• Composite endpoint of CV death, MI, stroke

So what about our PAD patients?
• ASA but probably Plavix should be first line for Sx PAD patients
• Consider rivaroxaban 2.5 mg qD in those with CAD
• First line is potent statin (rosuvastatin 20 - 40 or atorvastatin 80 qd)
  – If cannot get to LDL <70 mg/dL, would add ezetimibe 10 qd
• Consider PCSK9 inhibitors in refractory patients (LDL-c > 200 on statin)
• There seems to be no lower limit of LDL in terms of safety (so far)
• Keep your eye on new TG lowering drug!

Raising HDL?
Not worthwhile to do
Merck no longer makes it
Thanks!