

Lipid Lowering Drug Comparisons

Comparative Efficacy of Available Statins

Rosuva	Atorva	Simva	Lova	Prava	Fluva	Ezetimibe /Simva	TC% Reduction	LDL % Reduction
-	-	10	20	20	40		22	27
5	10	20	40	40	80		27	34
10	20	40	80	80		10/10	32	41
20	40	80				10/20	37	48
40	80					10/40	42	55

Adapted from Roberts WC. Am J
Cardiol. 1997;80:106-107

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and Curr Med Res Opin. 2006;22(10):2041-2053.

LDL Drugs – Max Effects

- Statins (27-63%)
- Bile Acid Sequestrants (20%)
 - Cholestyramine, Colestipol, Welchol
- Niacin (5-15%)
 - Niacin over-the-counter, Niaspan
- Ezetimibe (9%, 19% with a statin)
 - Zetia
- Plant Stanols and Sterols (10%)

HDL Drugs vs. Lifestyle

- Niacin (25-30%)
- Aerobic exercise
5-10%
- Weight loss
1mg/3kg loss
- Dietary fat modification
0-5%
- Smoking cessation
5-10%
- Alcohol consumption
5-15%
- Fibrates (10%)
- Statins (5-15?%)

Triglyceride Drugs

- Fibrates (up to 50%)
- Niacin (up to 35%)
- Fish Oil (up to 50%)

Bile Acid Resins: *Mechanism of*

