



Statin Cost Efficacy

The **Statin Cost Efficacy Grid** details the cost and LDL lowering efficacy of all currently available statins. Statins and doses are highlighted based on evidence or cost efficacy. The green column highlights the minimum therapeutic bar for treatment of low and moderate risk patients. The orange column highlights the minimum therapeutic bar to halt atherosclerotic progression. The pink column highlights the minimum therapeutic bar for treatment of high risk patients or patients with atherosclerotic risk equivalents. The bright orange column highlights the minimum therapeutic bar to induce atherosclerotic regression. See the **Lipid Optimization Tool** for the therapeutic protocol.

STATIN	Dose	Cost/tab\$	%LDL Red [1]	%LDL Red Law [7]	%LDL Red Stellar [8]	%LDL Reduction						
						30%	35%	40%	45%	50%	55%	60%
Lovastatin	20mg	1.30	26	29				Green	Orange	Pink	Bright Orange	
(generic)	40mg	2.40	31	37		2.40		Green	Orange	Pink	Bright Orange	
Pravastatin	10mg	1.05	22	20	20			Green	Orange	Pink	Bright Orange	
(generic)	20mg	1.25	24	24	24			Green	Orange	Pink	Bright Orange	
	40mg	1.50	30	29	30	1.50		Green	Orange	Pink	Bright Orange	
Simvastatin	5mg	0.45	27	23				Green	Orange	Pink	Bright Orange	
(generic)	10mg	0.89	30	27	28	0.89		Green	Orange	Pink	Bright Orange	
	20mg	1.10	35	32	35		1.10	Green	Orange	Pink	Bright Orange	
	40mg	1.10	40	37	39			Green	1.10	Pink	Bright Orange	
	80mg	1.10	46 [2]	42	46			Green	1.10	Pink	Bright Orange	
Fluvastatin	20mg	0.75	19	21				Green	Orange	Pink	Bright Orange	
(generic)	40mg	1.05	29	27		1.05		Green	Orange	Pink	Bright Orange	
	XL 80mg	1.30	36	33			1.30	Green	Orange	Pink	Bright Orange	
Atorvastatin	10mg	1.66	40 [3]	37	37			1.66	Green	Pink	Bright Orange	
	20mg	2.08	45	43	43			Green	2.08	Pink	Bright Orange	
	40mg	2.24	51	49	48			Green	Orange	2.24	Bright Orange	
	80mg	2.24	58 [4]	55	51			Green	Orange	Pink	2.24	Bright Orange
Rosuvastatin	5mg	1.29	42 [5]	38				1.29	Green	Pink	Bright Orange	
	10mg	1.36	52	43	46			Green	1.36	Pink	Bright Orange	
	20mg	1.70	55	48	52			Green	Orange	1.70	Bright Orange	
	40mg	1.99	63 [6]	53	55			Green	Orange	Pink	1.99	Bright Orange

* Average % reduction: Use to estimate initial statin dose. Actual response varies by patient and subgroup (age and gender).

Cost based on Ontario ODB pricing-updated February 2007. For cost to patient, add 10% plus prescribing fee.

Select Statin based on efficacy, safety, evidence and cost.

Revised February 2007

EVIDENCE

COST

HPS/ASCOT/CARDS

REVERSAL

PROVE-IT/TNT/IDEAL/AtoZ/SPARCL

ASTEROID

[1] Ann Intern Med. 1996;125:990-1000.

[2] Am J Card. 1998;82:311-316.

[3] Arterioscler Thromb Vasc Biol. 1995;15:678-682.

[4] Am J Card 1998;81: 582-587.

[5] Am J Cardiol 2003;91:33-41

[6] EHJ 2002, 4, (August) Abstract Supplement: Abs 212, page 19.

[7] BMJ 326 974040:1423.

[8] JACC 2003 (suppl):315A-316A. Abs 876-2.

