

# Statin Effectiveness And Cost Comparison



Statins* (Brand name)	Average 30-day Supply to Plan	Equipotent doses (Expected LDL Reduction)			Comments
		Low-intensity (LDL reduction <30%)	Moderate-intensity (LDL reduction 30 to <50%)	High-intensity (LDL reduction 50% or higher)	
Atorvastatin (Lipitor)	\$5	--	10 to 20mg	40 to 80mg	No dosage adjustment necessary in renal impairment.
Fluvastatin (Lescol)	\$110	20 to 40mg	40mg twice daily	--	Total daily doses >40 mg have not been studied in patients with severe renal impairment; use with caution.
Lovastatin (Mevacor)	\$5	10 to 20mg	40 to 80mg	--	Doses >20 mg should be used with caution if CrCl <30 mL/min.
Pitavastatin (Livalo)	\$210	--	1 to 4mg	--	Max dose of 2mg with GFR <60mL/min.
Pravastatin (Pravachol)	\$15	10 to 20mg	40 to 80mg	--	Initial dose of 10mg with history of significant renal impairment.
Rosuvastatin** (Crestor)	\$15	--	5 to 10mg	20 to 40mg	Max dose of 10mg for patients with CrCl <30 mL/min, not on hemodialysis.
Simvastatin ^(Zocor)	\$2	10mg	20 to 40mg	--	Initial dose of 5mg in severe renal insufficiency.

\*For all statins, check liver function tests at baseline and when clinically indicated.

\*\* Rosuvastatin levels are about 50% higher in hemodialysis patients vs patients with normal renal function.

^Do not exceed 40mg Simvastatin unless patient has been on the 80mg dose for a year without myopathy.

**Statin Dose Comparison. Pharmacist's Letter/Prescriber's Letter. April 2018.**

