





LDL goals and levels to initiate therapy, by risk category

Risk category	LDL level at which to initiate therapeutic lifestyle changes (TLC)	LDL level at which to consider drug therapy	LDL goal
Low risk: 0-1 risk factors	≥160 mg/dL	≥190 mg/dL (optional for 160-189 mg/dL)	<160 mg/dL
Moderate risk: 2+ risk factors with 10 year risk < 10%	≥130 mg/dL	≥160 mg/dL	<130 mg/dL
Moderately high risk: 2+ risk factors with 10-year risk 10-20%	≥130 mg/dL	≥130 mg/dL (optional for 100-129 mg/dL)	<130 mg/dL (consider <100 mg/dL)
High risk: CAD or CAD-risk equivalents, or 2+ risk factors with 10 -year risk >20%	≥100 mg/dL	≥100 mg/dL (optional for selected patients 70-99 mg/dL)	<100 mg/dL (consider <70 mg/dL)

Percentage LDL lowering required to achieve target LDL levels

		Baseline LDL (mg/dL)				
		100	130	160	190	220
Target LDL (mg/dL)	70	30%	46%	56%	63%	68%
	100	-	23%	38%	47%	55%
	130	-	-	19%	32%	41%
	160	-	-	-	16%	27%

	Use atorvastatin 80 mg/day or rosuvastatin 40 mg/day		Use any statin that lowers LDL by < 40%
	Use any statin that lowers LDL by 40-50%		Already at goal

These are general recommendations only; specific clinical decisions should be made by the treating physician based on an individual patient's clinical condition.

Additional information on coronary artery disease (CAD) risk factors, CAD risk equivalents, and calculation of 10-year CAD risk is available in the accompanying evidence document, and on the Independent Drug Information Service website at www.RxFacts.org.

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Expected percentage LDL lowering for different statins

Drug	Daily dose of statin (mg)					
	5	10	20	40	60	80
rosuvastatin (Crestor)	38%	43%	48%	53%	-	-
atorvastatin (Lipitor)	-	37%	43%	49%	-	55%
lovastatin (Mevacor, generics)	-	21%	29%	37%	-	-
lovastatin (Altoprev)	-	21%	29%	-	42%	-
simvastatin (Zocor, generics)	23%	27%	32%	37%	-	42%
pravastatin (Pravachol, generics)	-	20%	24%	29%	-	33%
fluvastatin (Lescol)	-	-	21%	27%	-	33%

 	Expected to lower LDL by \geq 50%
 	Expected to lower LDL by 40-50%
 	Expected to lower LDL by < 40%
-	Not available at this dose

