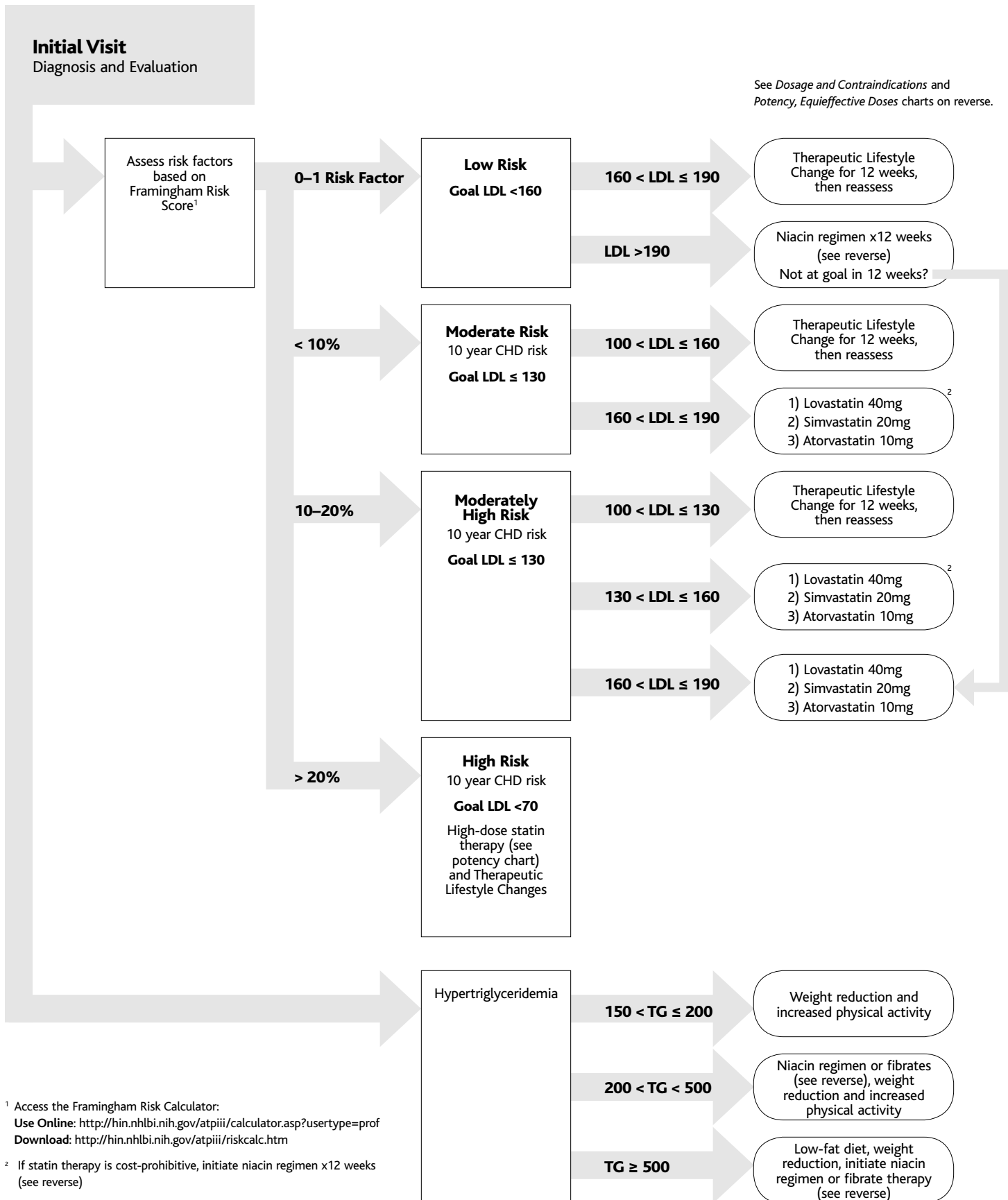


Management of Hyperlipidemia in the Safety Net



¹ Access the Framingham Risk Calculator:
Use Online: <http://hin.nhlbi.nih.gov/atpiii/calculator.asp?usertype=prof>
Download: <http://hin.nhlbi.nih.gov/atpiii/riskcalc.htm>

² If statin therapy is cost-prohibitive, initiate niacin regimen x12 weeks (see reverse)

Potency, Equieffective Doses

% Decrease in LDL	20	27	34	37–40	43–45	48–50	50–52	55
% Increase in LFTs		0.25	0.5	0.25–2	0.25–2	0.25–2	2.5	<1
Rosuvastatin (mg)				5	10	20		40
Atorvastatin (mg)		5		10	20	40	80	
Simvastatin (mg)		10	20	40	80			
Lovastatin (mg)	10	20	40	80				
Pravastatin (mg)	10	20	40	80				
Fluvastatin (mg)	20	40	80					

*Adapted from Sarah Spinler, PharmD
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Dosage and Contraindications

Niacin Regimen	Fibrates	Statins
<ul style="list-style-type: none"> 250mg QD x 1 week, then 250mg BID x 2 weeks, then 500mg BID x 9 weeks 	<ul style="list-style-type: none"> Gemfibrozil 600mg BID (1200mg/day MAX) before morning and evening meals Fenofibrate 160mg qd with a meal 	
<p>Relative Contraindications:</p> <ul style="list-style-type: none"> Diabetes: possibility for hyperglycemia, monitor FBS, HbA1c Hyperurecemia PUD <p>Absolute Contraindications:</p> <ul style="list-style-type: none"> Chronic liver disease Severe gout <p>Adverse Drug Reactions:</p> <ul style="list-style-type: none"> Flushing <ul style="list-style-type: none"> May administer ASA 81–325mg Niaspan®: less occurrence Hyperglycemia Upper GI distress Hyperurecemia Hepatotoxicity: AST/ALT elevations (3 x ULN), jaundice; monitor LFTs at 4–6 and 12 weeks <p>DDI:</p> <ul style="list-style-type: none"> Statins: myopathy, may lead to ARF Vasodilating drugs, flushing <p>Max Dose:</p> <ul style="list-style-type: none"> Crystalline Niacin: 4.5 G divided BID or TID SR: 2G divided BID ER: 2G QHS 	<p>Contraindications:</p> <ul style="list-style-type: none"> Severe hepatic or renal dysfunction <p>Caution:</p> <ul style="list-style-type: none"> Pre-existing gall bladder disease <p>Adverse Drug Reactions:</p> <ul style="list-style-type: none"> Nausea/vomiting Abdominal pain Cholithiasis Myopathy <p>DDI:</p> <ul style="list-style-type: none"> Statins: myopathy, increased statin levels Warfarin: increased INR Cyclosporine: myopathy 	<p>Contraindications:</p> <ul style="list-style-type: none"> Chronic/active liver disease Persistent increase in liver enzymes (> 3 x ULN) Pregnancy/lactation <p>Caution:</p> <ul style="list-style-type: none"> Alcohol consumption (> 3 drinks/day) CrCl < 30ml/min: Dose: initial 5mg, MAX 10mg <p>Adverse Drug Reactions:</p> <ul style="list-style-type: none"> Myopathy/rhabdomyolysis AST/ALT elevations ARF, hematuria, proteinuria (Rosuvastatin)