ASCVD Risk Reduction Primary and Secondary Prevention Always counsel patient on lifestyle interventions: emphasizing exercise, weight loss, heart healty diet.			Medication and Lab Tips				
Secondary Prevention: History of Symptomatic CAD (MI, Revascularization, Angina), Ischemic Stroke, Symptomatic PAD or History of Revascularization/Amputation, Familial Hypercholeserolemia, CKD 3/4 (NOT Hemodialysis) 1. Lifelong HIGH Intensity Statin - If not tolerated then Medium Intensity Statin + Ezetimibe If LDL > 70 despite adherence on HIGH intensity statin, then add Ezetimibe If LDL > 70 despite adherence on HIGH intensity statin and				Preferred Statins at St. Vincent's 1. Rosuvastatin, 2. Atorvastatin, 3. Pravastatin			
				<u>1st Line, no</u> <u>comorbidities</u> : <b>Rosuvastatin</b> - most potent - less drug interactions - hydrophilic (lower risk for cognitive SEs) - long half life (dose at anytime)	<u>1st Line, CKD 3 / 4</u> : Atorvastatin - high intensity - not renally cleared - long half life (dose at anytime)	<u>1st Line, Liver Disease (Li</u> <u>ULN, stable chronic liver of Statin Intolerance due to Statin Intolerance due to St <u>myalgias:</u> <b>Pravastatin</b> - clinical trial shows safe disease - medium intensit - less drug interacti bydrophilie (lower rick for</u>	<u>diesae) or</u> Es including ty in liver ty
Ezetimibe, add PCSK9-1 1. Statin -> 2. Ezetimibe -> 3. PCSK9-1 Primary Prevention Treatment Indications				Hemodialysis: - Multiple clincal trials has shown no definitive benefit - Only consider in patients with high LDL levels > 150 Statin Intensity Dosing Chart			
LDL > 190 - HIGH intensity statin and work-up for familial disorder consider Ezetimibe and PCSK9-1	DM2 and Age - MODERATE inte - based on other consdier HIGH inter chart on follow	40 to 75 ensity statin risk factors sity statin (see	ASCVD 10 Year Risk > 20%	Rosuvastatin Atorvastatin Pravasatin 1 *Low: LDL Dec < 30%; Mo	NA         5 to           NA         10 to           0 to 20         40           oderate:         LDL Dec 30 to           bed statins         5 to	High           0 10         20 to 40           0 20         40 to 80           to 80         NA           0 50%, High:         LDL Dec > 50%	
- If signific	10 Year Risk > 7.5% a ant other RFs or lifetin start MODERATE Inte	ne risk > 39%		take at night versus other s lipophilic, short half-life <b>Lovastatin:</b> not a potent st	tatins recommended ca	interactions including with ar n take at most convenient time d small reductions in LDL, lipop	, ,
Shared Decision Making Rec Especially for those with NO ( - DM2, LDL > 190, 10 year AS Use Mayo Clinic Statin Choice	<b>CVD risk equivalent</b> suc CVD risk > 20%, CKD 3/4	4	yoclinic.org/	short half-life <b>Risk Calculators to Use:</b> https://tools.acc.org/ascvo - LDL optional, only need to			
Lab Tips When Prescrib		Progranov Tost					

- Baseline Labs: CMP (BMP + LFTs), CK, TSH, Pregnancy Test

- CK: only at initiation unless concern for muscle injury

- Liver: if LFTs > than 3 times ULN, consider pravastatin or lower dose of rosuvastatin; no routine monitoring required during statin therapy; hepatic failure due to statins is EXTREMELY RARE and liver dysfunction due to statins is not a significant concern

- Thyroid: hypothyroidism is a cause of hyperlipidemia and predisposes to muscle injury, only at initation