

# Summary of comparative efficacy, safety and cost of non-insulin agents

Drug	Death, major CV events	A1c	Weight	Hypoglycemia	Heart failure and edema	LDL	GI	Cost	Overall
metformin	Green	Green	Green	Green	Green	Green	Red	Green	Green
sulfonylureas	Yellow	Green	Red	Red	Green	Yellow	Yellow	Green	Yellow
glitazones	pioglitazone	Green	Yellow	Red	Red	Yellow	Red	Red	Yellow
	rosiglitazone	Red	Green	Red	Green	Red	Yellow	Red	Red
$\alpha$ -glucosidase inhibitors		Yellow	Green			Yellow	Red	Yellow	
meglitinides	repaglinide		Green	Red	Red		Yellow	Yellow	
	nateglinide		Yellow	Yellow	Yellow		Yellow	Yellow	
DPP 4 inhibitors		Yellow						Red	
exenatide		Yellow	Green	Yellow			Red	Red	

GI = gastrointestinal intolerance; LDL = LDL cholesterol

<b>Best outcome</b>	<b>Intermediate</b>	<b>Problem</b>	<b>Unknown</b>
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## Treatment of diabetes-related conditions

Condition	Identification	Goal of therapy	Recommended Interventions
Hypertension	Check BP at all visits	SBP $\leq$ 130 mmHg DBP $\leq$ 80 mmHg	<ul style="list-style-type: none"><li>▪ Begin with lifestyle modification</li><li>▪ Drug therapy should include ACEI (ARB if ACEI not tolerated)</li><li>▪ Add thiazide type diuretic if second agent needed</li></ul>
Hyperlipidemia	Check fasting lipids annually	LDL $<$ 100 mg/dL (LDL $<$ 70 mg/dL if CAD)	<ul style="list-style-type: none"><li>▪ Treat with statins for elevated LDL</li></ul>
Antiplatelet therapy	Assess for cardiac risk factors	Risk reduction	<ul style="list-style-type: none"><li>▪ Aspirin for patients with CAD</li></ul>
Smoking	Assess for tobacco use	Smoking cessation	<ul style="list-style-type: none"><li>▪ Nicotine replacement</li><li>▪ Bupropion/Varenicline</li><li>▪ Counseling programs</li></ul>