

ORAL AGENTS

Trade Name	Generic name	When to take	Doses	Side Effects
Secretagogues (Hypoglycemia Agents) —Stimulates the pancreas to produce more insulin				
Sulfonylureas				
<u>Diabeta</u> or <u>Micronase</u>	(Glyburide)	30 min before meals	1.25, 2.5, 5 mg Max: 20 mg	Low blood glucose (BG)- Hypoglycemia Weight gain
<u>Glynase</u>	(Glyburide- press tab)	30 min before meals	1.5, 3, 6 mg Max: 12 mg	
<u>Glucotrol</u>	(Glipizide)	30 min before meals	5, 10 mg Max: 40 mg	
<u>Glucotrol XL</u>	(Glipizide)	before or with meals	5, 10 mg Max: 20 mg	
<u>Amaryl</u>	(Glimepiride)	before or with meals	1, 2, 4 mg Max: 8 mg	
Meglitinides				
<u>Prandin</u>	(Repaglinide)	5–30 min before meals	0.5, 1, 2, mg Max: 16 mg	Low BG Headaches
<u>Starlix</u>	(Nateglinide)	5–30 min before meals	120mg, 60mg	
Biguanides —Decrease hepatic glucose production				
<u>Glucophage</u>	(Metformin) (Riomet-liquid)	Take with meals	500, 850, 1000 mg Max: 2550 mg	Nausea, Diarrhea Metallic Taste, Lactic Acidosis
<u>Glucophage XR</u> ; <u>Glumetza</u> ; <u>Fortamet</u>		500&1000 mg		
COMBINATION PILLS				
<u>Glucovance</u>	(Glyburide/Metformin)	Take with meals	1.25/250; 2.5/500; 5/500 mg	(also hypoglycemia)
<u>Metaglip</u>	(Glipizide/Metformin)	Take with meals	2.5/250; 5/500	
<u>Avandamet</u>	(Rosiglitazone /Metformin)	Take with meals	1mg/500mg, 2/500, 4/500	
<u>Actoplusmet</u>	(Pioglitazone/Metformin)	Take with meals	15mg/500mg; 15/850	
<u>Avandaryl</u>	(Avandia/Amaryl)	Take same time/d	4mg/1mg; 4/2; 4/4	
<u>DuetAct</u>	(Amaryl/Actos); <u>JanuMet</u>	(Januvia/Metformin)		
Note: Stop if kidney dye study; check creatinine and liver function; need good oxygenation in body.				
Alpha-glucosidase Inhibitors —Slows carbohydrate absorption in intestines				
<u>Precose</u>	(Acarbose)	Take with first bite	25, 50, 100 mg Max: 300 mg	Nausea, Diarrhea Flatulence
<u>Glyset</u>	(Miglitol)	Take with first bite	25, 50, 100 mg Max: 300 mg	
Note: If low blood sugar, use honey or glucose gel/tablets; do not use table or brown sugar.				
Thiazolidinediones (Insulin Sensitizer) —Improves peripheral insulin sensitivity				
<u>Actos</u>	(Pioglitazone)	With or without meals	15, 30, mg Max: 45 mg	Possible liver dysfunction Possible anemia, edema, congestive heart failure, fractures
<u>Avandia</u>	(Rosiglitazone)	With or without meals	2, 4, 6, 8 mg (max)	Same as Actos + may increase risk of myocardial infarction (MI)
Note: May take 6 weeks to work best, need live function studies before starting and periodically thereafter, may decrease effectiveness of birth control				
INCRETINS—Gliptins; for T2DM's on Secretagogue, Metformin, or TZD's				
1. Byetta (exenatide injection) 5–10mcg 2x/d. Stimulates insulin release when BG increasing, regulates food release ~stomach, slows hepatic glucose release, ↑ satiety. Side effect: wt loss & ~nausea.				
2. Januvia (oral agent) 100mg 1x/d. Increases GLP1 (gut hormones) by stopping breakdown of internal GLP1. Increases insulin release and reduces hepatic glucose release.				