



Pharmacologic Agents for Treatment of Type 2 Diabetes

SCAN Formulary Drugs

Medication	2023 Formulary		2024 Formulary		Dosing & Administration	Risk for Drug- Drug Interactions*	Adverse Drug Reactions
	Tier	UM	Tier	UM			
Biguanides							
<i>metformin tabs</i>	1		1		500 – 850 mg QD - TID	Neutral	Nausea/ vomiting, GI upset, metallic taste, diarrhea, flatulence, lactic acidosis (rare)
<i>metformin er uncoated tabs</i> 500 mg & 750 mg	1		1		500 – 2000 mg daily		Nausea/ vomiting, GI upset, diarrhea, flatulence, lactic acidosis
Sulfonylureas							
<i>glimepiride</i>	1		1		1 – 8 mg daily	Moderate	Dizziness, headache, hypoglycemia, nausea, weight gain
<i>glipizide</i>	1		1		2.5 – 20 mg daily		Rash, diarrhea, dizziness, headache, diarrhea, hypoglycemia, nausea, weight gain
<i>glipizide er</i>	1		1		5 – 20 mg daily		Asthenia, headache, dizziness, rash, nausea, hypoglycemia, weight gain
<i>glipizide / metformin tabs</i>	1		1		2.5 / 500 mg BID	Moderate	Rash, diarrhea, dizziness, headache, nausea, flatulence, hypoglycemia, lactic acidosis
Thiazolidinediones & Thiazolidinedione Combination Agents							
<i>pioglitazone</i>	1		1		15 – 45 mg daily	Neutral	Anemia, edema, weight gain, headache, myalgia, bone fracture, heart failure
<i>pioglitazone / metformin</i>	2		2		15 / 500 mg – 45 / 1500 mg daily		Rash, diarrhea, dizziness, headache, nausea, flatulence, hypoglycemia, lactic acidosis
<i>pioglitazone / glimepiride</i>	2		2		15 / 500 mg – 45 / 2550 mg daily		Anemia, edema, weight gain, headache, myalgia, dizziness, hypoglycemia, nausea

Alpha-Glucosidase Inhibitor							
<i>acarbose</i>	2		2		25 – 100 mg TID administered at the start of each meal to decrease postprandial glucose peaks	Neutral	Abdominal pain, diarrhea, flatulence, elevated serum transaminases
Meglitinides							
<i>nateglinide</i>	2		2		60 – 120 mg TID before meals	Moderate	Dizziness, arthralgia, diarrhea, hypoglycemia, weight gain, increased uric acid
<i>repaglinide</i>	2		2		0.5 – 4 mg TID before meals		Hypoglycemia, arthralgia, diarrhea, weight gain
DPPis (Dipeptidyl Peptidase-4 Inhibitors)							
JANUMET, JANUMET XR (<i>sitagliptin / metformin</i>)	3		6		100 / 2000 mg daily	Neutral	Abdominal pain, diarrhea, headache, nasopharyngitis, nausea, flatulence, lactic acidosis, pancreatitis
JANUVIA (<i>sitagliptin</i>)	3		6		100 mg daily	Neutral	Abdominal pain, diarrhea, headache, nasopharyngitis, nausea, URI, pancreatitis
JENTADUETO (<i>linagliptin / metformin</i>)	3		6		2.5 / 1000 mg BID	Neutral	Nasopharyngitis hypoglycemia, cough, diarrhea
JENTADUETO XR (<i>linagliptin / metformin</i>)	3		6		5 / 2000 mg daily	Neutral	Nasopharyngitis hypoglycemia, cough, diarrhea
TRADJENTA (<i>linagliptin</i>)	3		6		5 mg daily	Neutral	Hypoglycemia, diarrhea, cough, nasopharyngitis, arthralgia
TRIJARDY XR (<i>empagliflozin / linagliptin / metformin</i>)	3		6		25 / 5 / 2000 mg daily	Neutral	Upper respiratory tract infection, urinary tract infection, nasopharyngitis, diarrhea, constipation, headache, gastroenteritis

Insulins							
	Vial	Pen	Vial	Pen			
HUMALOG (<i>insulin lispro</i>)	3	3	3	3	Patient specific dosing applies	Neutral	Hypoglycemia, injection site reaction, lipodystrophy, hypokalemia
HUMALOG MIX 50/50, 75/25 (<i>insulin lispro / protamine</i>)	3	3	3	3			
HUMULIN 70/30 (<i>insulin human-regular / NPH</i>)	3	3	3	3			
HUMULIN N (<i>insulin NPH</i>)	3	3	3	3			
HUMULIN R (<i>insulin human-regular</i>)	3	-	3	-			
HUMULIN R U-500 (<i>insulin human-regular</i>)	3	3	3	3			
INSULIN GLARGINE	NF	NF	3	3			
INSULIN LISPRO	NF	-	3	-			
LANTUS (<i>insulin glargine</i>)	3	3	3	3			
LEVEMIR (<i>insulin detemir</i>)	NF	NF	3	3			
LYUMJEV (<i>insulin lispro</i>)	3	3	3	3			
TOUJEO / TOUJEO MAX (<i>insulin glargine</i>)	-	3	-	3			
TRESIBA (<i>insulin degludec</i>)	NF	NF	3	3			

GIP/GLP-1 Agonist (Glucose-dependent Insulinotropic Polypeptide / Glucagon-Like Peptide-1)							
MOUNJARO (tirzepatide)	-	3	-	3	5 mg to 15 mg SC weekly	Neutral	Diarrhea, nausea, vomiting, headache, abdominal pain, constipation
Insulin/GLP-1 Agonist Combination							
SOLIQUA (insulin glargine / lixisenatide)	-	3	-	3	15 units to 60 units SC daily	Neutral	Hypoglycemia, diarrhea, nausea, vomiting, headache, pancreatitis
GLP-1 Agonist (Glucagon-Like-Peptide-1)							
BYDUREON (exenatide er)	3		3		2 mg SC weekly	Neutral	Diarrhea, nausea, vomiting, constipation, headache, pancreatitis
BYETTA (exenatide)	3		3		5 – 10 mcg SC BID	Neutral	
OZEMPIC (semaglutide)	3		3		0.5 – 1 mg weekly	Neutral	Diarrhea, nausea, vomiting, constipation, headache, pancreatitis
RYBELSUS (semaglutide)	3		3		0.5 – 1 mg weekly	Neutral	Diarrhea, nausea, vomiting, constipation, headache, pancreatitis
TRULICITY (dulaglutide)	3		3		0.75 – 1.5 mg weekly	Neutral	Diarrhea, nausea, vomiting, constipation, headache, pancreatitis
VICTOZA (liraglutide)	3		3		0.6 mg – 1.8mg SC daily	Neutral	Diarrhea, nausea, vomiting, constipation, headache, pancreatitis
Amylinomimetic							
SYMLIN PEN (pramlintide)	5		5		60 mcg – 120 mcg SC prior to main meals	Neutral	Nausea, anorexia, dizziness, fatigue
SGLT2 Inhibitor (Sodium-Glucose Cotransporter 2)							
FARXIGA (dapagliflozin)	3		6		5 – 10 mg daily	Neutral	Genital mycotic infections, nasopharyngitis, UTI, back pain, increased urination, nausea
GLYXAMBI (empagliflozin / linagliptin)	3		6		10 / 5 – 25 / 5 mg daily	Neutral	Urinary tract infections, nasopharyngitis, hypoglycemia, cough, diarrhea, upper respiratory tract infections
JARDIANCE (empagliflozin)	3		6		10 – 25 mg daily	Neutral	Urinary tract infections and female genital mycotic infections

SYNJARDY <i>(empagliflozin / metformin)</i>	3		6		12.5 / 1000 mg BID	Neutral	Urinary tract infections, female genital mycotic infections, diarrhea, nausea/vomiting, flatulence, abdominal discomfort, indigestion, asthenia, headache
SYNJARDY XR <i>(empagliflozin / metformin)</i>	3		6		25 / 2000 mg daily	Neutral	Urinary tract infections, female genital mycotic infections, diarrhea, nausea/vomiting, flatulence, abdominal discomfort, indigestion, asthenia, headache
XIGDUO XR <i>(dapagliflozin / metformin)</i>	3		6		5 / 500 – 10 / 2000 mg daily	Neutral	Low vitamin-B12, diarrhea, headache, UTI, genital mycotic infection, nasopharyngitis
Mineralcorticoid Receptor Antagonist							
KERENDIA <i>(finerenone)</i>	3		3		20 mg daily	Neutral	Hypotension, hyponatremia, hyperkalemia

Brand-name drugs are capitalized and generic drugs are listed in the lower-case italics.

[NF] = Non-formulary

* 2019 AACE/ACE Consensus Statement



Diabetes Guidelines References

SCAN Health Plan Diabetes Guidelines adapted from:

- American Diabetes Association; Standards of Medical Care in Diabetes-2022: Diabetes Care January 2022 vol. 45 no. Supplement 1 S1-S2 (Accessed 9/6/2022)
- Summary of Revisions: Standards of Medical Care in Diabetes 2022. Diabetes Care 2022;45(Suppl. 1):S4–S7 | <https://doi.org/10.2337/dc22-SREV>
- Consensus Statement by the American Association of Clinical Endocrinologists and American College of Endocrinology on the Comprehensive Type 2 Diabetes Management Algorithm – 2020 Executive Summary. Endocrine Practice. (2020, January). Vol. 26, No. 1, pp. 107-139.
- Drug Facts & Comparisons. (2023, Sept). Retrieved from www.online.factsandcomparisons.com. Wolters Kluwer Health: Deventer, The Netherlands.
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- Reuben, D. B., Herr, K. A., Pacala, J. T., Pollock, B. G., Potter, J. F., & Semla, T. P. (2015). Geriatrics at your fingertips. 17th ed. (Based on AGS Guidelines.)
- Online Lexicomp (09/2023): 1100 Terex Road, Hudson, OH 44236