

Texas Prior Authorization Program
Clinical Criteria

Drug/Drug Class

Thiazolidinediones

Clinical Criteria Information included in this Document

Actos (Pioglitazone)

- [Drugs requiring prior authorization](#): the list of drugs requiring prior authorization for this clinical criteria
- [Prior authorization criteria logic](#): a description of how the prior authorization request will be evaluated against the clinical criteria rules
- [Logic diagram](#): a visual depiction of the clinical criteria logic
- [Supporting tables](#): a collection of information associated with the steps within the criteria (diagnosis codes, procedure codes, and therapy codes); provided when applicable
- [References](#): clinical publications and sources relevant to this clinical criteria

Note: Click the hyperlink to navigate directly to that section.

Revision Notes

Annual review by staff

Added GCN for Actoplus Met (25445) to the Drugs Requiring PA section

Added GCNs for bumetanide (34810), digoxin (32075, 34677, 00130, 00134), Entresto (55585, 55586), Lanoxin (35966, 00133, 00134), spironolactone (15596), Actoplus (25445), metformin (52356, 56837), Riomet (46873), Synjardy (39377), and Xigduo (44304) to the supporting tables

Removed GCNs for Actoplus Met (25444) and Actoplus Met XR (28620, 28622) – products discontinued

Updated references



Actos (Pioglitazone)

Drugs Requiring Prior Authorization

The listed GCNs may not be an indication of Texas Medicaid Formulary coverage. To learn the current formulary coverage, visit txvendordrug.com/formulary/formulary-search.

Table 1 Drugs Requiring Prior Authorization for Criteria Steps 1 - 4 (Thiazolidinediones and Metformin)	
Label Name	GCN
ACTOPLUS MET 15 MG-850 MG TAB	25445
PIOGLITAZONE-METFORMIN 15-850	25445

Table 2 Drugs Requiring Prior Authorization for Criteria Steps 1 - 5 (Thiazolidinediones, plain and other Thiazolidinedione combinations)	
Label Name	GCN
ACTOS 15 MG TABLET	92991
ACTOS 30 MG TABLET	93001
ACTOS 45 MG TABLET	93011
DUETACT 30-2 MG TABLET	97181
DUETACT 30-4 MG TABLET	97180
PIOGLITAZONE HCL 15 MG TABLET	92991
PIOGLITAZONE HCL 30 MG TABLET	93001
PIOGLITAZONE HCL 45 MG TABLET	93011
PIOGLITAZONE-GLIMEPIRIDE 30-2	97181
PIOGLITAZONE-GLIMEPIRIDE 30-4	97180

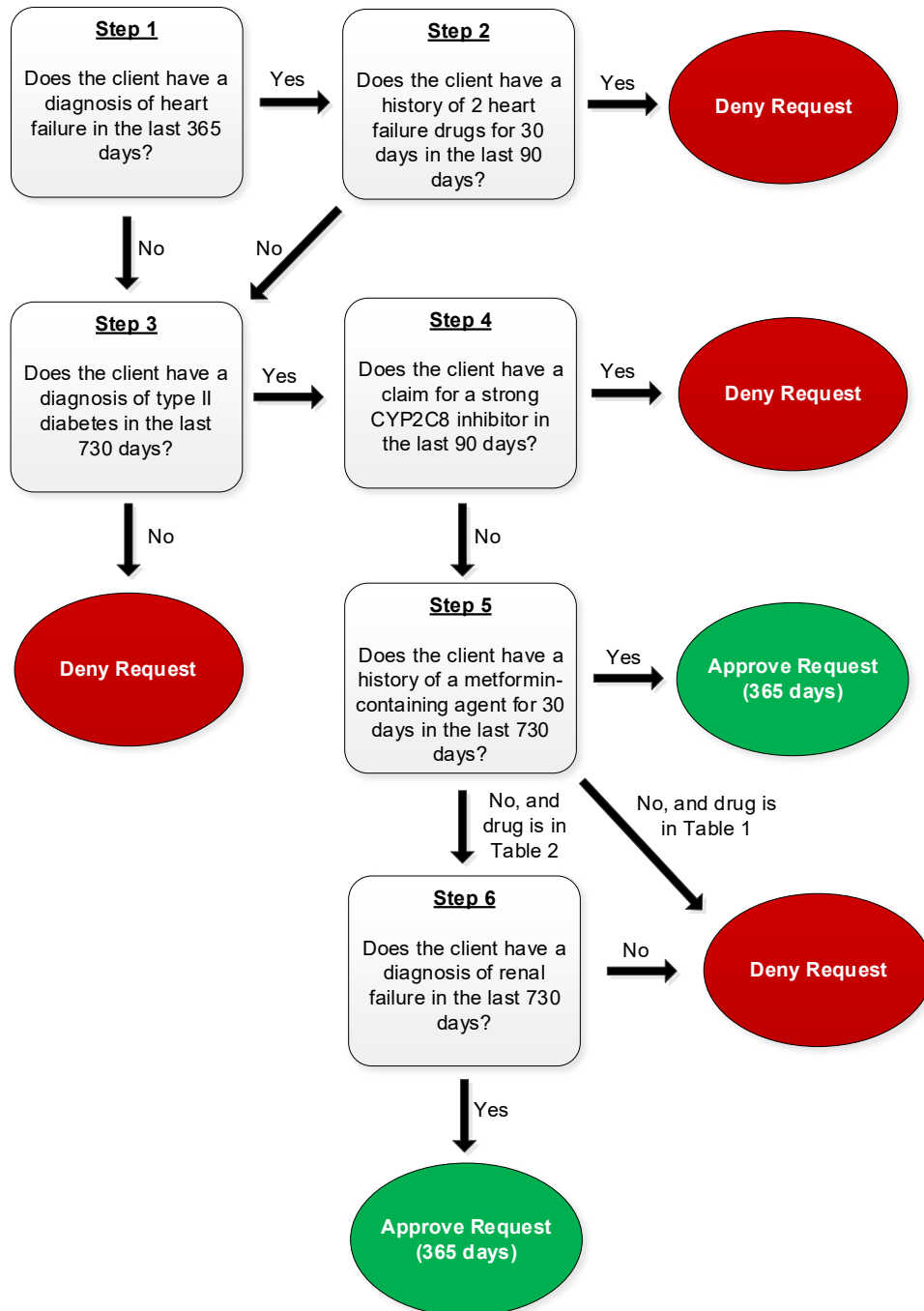
**Actos (Pioglitazone)****Clinical Criteria Logic**

1. Does the client have a [diagnosis of heart failure](#) in the last 365 days?
☐ Yes – Go to #2
☐ No – Go to #3
2. Does the client have a history of 2 [heart failure drugs](#) for 30 days in the last 90 days?
☐ Yes – Deny
☐ No – Go to #3
3. Does the client have a [diagnosis of type II diabetes](#) in the last 730 days?
☐ Yes – Go to #4
☐ No – Deny
4. Does the client have a claim for a [strong CYP2C8 inhibitor](#) in the last 90 days?
☐ Yes – Deny
☐ No – Go to #5
5. Does the client have a history of a [metformin-containing agent](#) for 30 days in the last 730 days?
☐ Yes – Approve (365 days)
☐ No (And drug is in Table 1) – Deny
☐ No (And drug is in Table 2) – Go to #6
6. Does the client have a [diagnosis of renal failure](#) in the last 730 days?
☐ Yes – Approve (365 days)
☐ No – Deny



Actos (Pioglitazone)

Clinical Criteria Logic Diagram





Actos (Pioglitazone)

Clinical Criteria Supporting Tables

Table 1 (diagnosis of heart failure) Required diagnosis: 1 Look back timeframe: 365 days	
ICD-10 Code	Description
I501	LEFT VENTRICULAR FAILURE
I5020	UNSPECIFIED SYSTOLIC (CONGESTIVE) HEART FAILURE
I5021	ACUTE SYSTOLIC (CONGESTIVE) HEART FAILURE
I5022	CHRONIC SYSTOLIC (CONGESTIVE) HEART FAILURE
I5023	ACUTE ON CHRONIC SYSTOLIC (CONGESTIVE) HEART FAILURE
I5030	UNSPECIFIED DIASTOLIC (CONGESTIVE) HEART FAILURE
I5031	ACUTE DIASTOLIC (CONGESTIVE) HEART FAILURE
I5032	CHRONIC DIASTOLIC (CONGESTIVE) HEART FAILURE
I5033	ACUTE ON CHRONIC DIASTOLIC (CONGESTIVE) HEART FAILURE
I5040	UNSPECIFIED COMBINED SYSTOLIC (CONGESTIVE) AND DIASTOLIC (CONGESTIVE) HEART FAILURE
I5041	ACUTE COMBINED SYSTOLIC (CONGESTIVE) AND DIASTOLIC (CONGESTIVE) HEART FAILURE
I5042	CHRONIC COMBINED SYSTOLIC (CONGESTIVE) AND DIASTOLIC (CONGESTIVE) HEART FAILURE
I5043	ACUTE ON CHRONIC COMBINED SYSTOLIC (CONGESTIVE) AND DIASTOLIC (CONGESTIVE) HEART FAILURE
I509	HEART FAILURE, UNSPECIFIED

Table 2 (history of 2 heart failure drugs) Required quantity: 2 Look back timeframe: 90 days	
Label Name	GCN
ALDACTAZIDE 25-25 TABLET	82330
ALDACTAZIDE 50-50 TABLET	82331
ALDACTONE 25 MG TABLET	27691
ALDACTONE 100 MG TABLET	27690
ALDACTONE 50 MG TABLET	27692
BIDIL TABLET	24925
BUMETANIDE 0.25 MG/ML VIAL	34810
BUMETANIDE 0.5 MG TABLET	35020
BUMETANIDE 1 MG TABLET	35021
BUMETANIDE 2 MG TABLET	35022
CAROSPIR 25 MG/5 ML SUSPENSION	15596
CORLANOR 5 MG TABLET	26238
CORLANOR 7.5 MG TABLET	26239
CORLANOR 5 MG/5 ML ORAL SOLN	46204
DIGOXIN 50 MCG/ML SOLUTION	00120
DIGOXIN 0.25 MG/5 ML SOLUTION	32075
DIGOXIN 0.125 MG/2.5 ML SOLN	34677
DIGOXIN 125 MCG TABLET	00132
DIGOXIN 250 MCG TABLET	00133
DIGOXIN 62.5 MCG TABLET	00130
DIGOXIN 0.5 MG TABLET	00134
ENTRESTO 24-26 MG TABLET	39046
ENTRESTO 49-51 MG TABLET	39047

Table 2 (history of 2 heart failure drugs) Required quantity: 2 Look back timeframe: 90 days	
Label Name	GCN
ENTRESTO 97-103 MG TABLET	39048
ENTRESTO SPRINKLE 15-16 MG PLT	55585
ENTRESTO SPRINKLE 6-6MG PELLET	55586
EPLERENONE 25 MG TABLET	91883
EPLERENONE 50 MG TABLET	91884
ETHACRYNIC ACID 25 MG TABLET	34910
FUROSEMIDE 10 MG/ML SOLUTION	34950
FUROSEMIDE 40 MG/5 ML SOLN	34951
FUROSEMIDE 20 MG TABLET	34961
FUROSEMIDE 40 MG TABLET	34962
FUROSEMIDE 80 MG TABLET	34963
FUROSEMIDE 10 MG/ML VIAL	34940
INSPIRA 25 MG TABLET	91883
INSPIRA 50 MG TABLET	91884
LANOXIN 125 MCG TABLET	00132
LANOXIN 187.5 MCG TABLET	35966
LANOXIN 250 MCG TABLET	00133
LANOXIN 0.5 MG TABLET	00134
SPIRONOLACTONE 50 MG TABLET	27692
SPIRONOLACTONE-HCTZ 25-25 TAB	82330
SPIRONOLACTONE 100 MG TABLET	27690
SPIRONOLACTONE 25 MG TABLET	27691
SPIRONOLACTONE 25 MG/5 ML SUSP	15596

Table 2 (history of 2 heart failure drugs) Required quantity: 2 Look back timeframe: 90 days	
Label Name	GCN
TORSEMIDE 5 MG TABLET	21130
TORSEMIDE 10 MG TABLET	21131
TORSEMIDE 20 MG TABLET	21132
TORSEMIDE 100 MG TABLET	21133

Table 3 (diagnosis of type II diabetes) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
E1100	TYPE 2 DIABETES MELLITUS WITH HYPEROSMOLARITY WITHOUT NONKETOTIC HYPERGLYCEMIC-HYPEROSMOLAR COMA (NKHHC)
E1101	TYPE 2 DIABETES MELLITUS WITH HYPEROSMOLARITY WITH COMA
E1121	TYPE 2 DIABETES MELLITUS WITH DIABETIC NEPHROPATHY
E1122	TYPE 2 DIABETES MELLITUS WITH DIABETIC CHRONIC KIDNEY DISEASE
E1129	TYPE 2 DIABETES MELLITUS WITH OTHER DIABETIC KIDNEY COMPLICATION
E11311	TYPE 2 DIABETES MELLITUS WITH UNSPECIFIED DIABETIC RETINOPATHY WITH MACULAR EDEMA
E11319	TYPE 2 DIABETES MELLITUS WITH UNSPECIFIED DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA
E11321	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA
E11329	TYPE 2 DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA
E11331	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA
E11339	TYPE 2 DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA

Table 3 (diagnosis of type II diabetes) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
E11341	TYPE 2 DIABETES MELLITUS WITH SEVERE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA
E11349	TYPE 2 DIABETES MELLITUS WITH SEVERE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA
E11351	TYPE 2 DIABETES MELLITUS WITH PROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA
E11359	TYPE 2 DIABETES MELLITUS WITH PROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA
E1136	TYPE 2 DIABETES MELLITUS WITH DIABETIC CATARACT
E1139	TYPE 2 DIABETES MELLITUS WITH OTHER DIABETIC OPHTHALMIC COMPLICATION
E1140	TYPE 2 DIABETES MELLITUS WITH DIABETIC NEUROPATHY, UNSPECIFIED
E1141	TYPE 2 DIABETES MELLITUS WITH DIABETIC MONONEUROPATHY
E1142	TYPE 2 DIABETES MELLITUS WITH DIABETIC POLYNEUROPATHY
E1143	TYPE 2 DIABETES MELLITUS WITH DIABETIC AUTONOMIC (POLY)NEUROPATHY
E1144	TYPE 2 DIABETES MELLITUS WITH DIABETIC AMYOTROPHY
E1149	TYPE 2 DIABETES MELLITUS WITH OTHER DIABETIC NEUROLOGICAL COMPLICATION
E1151	TYPE 2 DIABETES MELLITUS WITH DIABETIC PERIPHERAL ANGIOPATHY WITHOUT GANGRENE
E1152	TYPE 2 DIABETES MELLITUS WITH DIABETIC PERIPHERAL ANGIOPATHY WITH GANGRENE
E1159	TYPE 2 DIABETES MELLITUS WITH OTHER CIRCULATORY COMPLICATIONS
E11610	TYPE 2 DIABETES MELLITUS WITH DIABETIC NEUROPATHIC ARTHROPATHY
E11618	TYPE 2 DIABETES MELLITUS WITH OTHER DIABETIC ARTHROPATHY
E11620	TYPE 2 DIABETES MELLITUS WITH DIABETIC DERMATITIS
E11621	TYPE 2 DIABETES MELLITUS WITH FOOT ULCER

Table 3 (diagnosis of type II diabetes) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
E11622	TYPE 2 DIABETES MELLITUS WITH OTHER SKIN ULCER
E11628	TYPE 2 DIABETES MELLITUS WITH OTHER SKIN COMPLICATIONS
E11630	TYPE 2 DIABETES MELLITUS WITH PERIODONTAL DISEASE
E11638	TYPE 2 DIABETES MELLITUS WITH OTHER ORAL COMPLICATIONS
E11641	TYPE 2 DIABETES MELLITUS WITH HYPOGLYCEMIA WITH COMA
E11649	TYPE 2 DIABETES MELLITUS WITH HYPOGLYCEMIA WITHOUT COMA
E1165	TYPE 2 DIABETES MELLITUS WITH HYPERGLYCEMIA
E1169	TYPE 2 DIABETES MELLITUS WITH OTHER SPECIFIED COMPLICATION
E118	TYPE 2 DIABETES MELLITUS WITH UNSPECIFIED COMPLICATIONS
E119	TYPE 2 DIABETES MELLITUS WITHOUT COMPLICATIONS
E1300	OTHER SPECIFIED DIABETES MELLITUS WITH HYPEROSMOLARITY WITHOUT NONKETOTIC HYPERGLYCEMIC-HYPEROSMOLAR COMA (NKHHC)
E1301	OTHER SPECIFIED DIABETES MELLITUS WITH HYPEROSMOLARITY WITH COMA
E1310	OTHER SPECIFIED DIABETES MELLITUS WITH KETOACIDOSIS WITHOUT COMA
E1311	OTHER SPECIFIED DIABETES MELLITUS WITH KETOACIDOSIS WITH COMA
E1321	OTHER SPECIFIED DIABETES MELLITUS WITH DIABETIC NEPHROPATHY
E1322	OTHER SPECIFIED DIABETES MELLITUS WITH DIABETIC CHRONIC KIDNEY DISEASE
E1329	OTHER SPECIFIED DIABETES MELLITUS WITH OTHER DIABETIC KIDNEY COMPLICATION
E13311	OTHER SPECIFIED DIABETES MELLITUS WITH UNSPECIFIED DIABETIC RETINOPATHY WITH MACULAR EDEMA
E13319	OTHER SPECIFIED DIABETES MELLITUS WITH UNSPECIFIED DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA

Table 3 (diagnosis of type II diabetes) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
E13321	OTHER SPECIFIED DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA
E13329	OTHER SPECIFIED DIABETES MELLITUS WITH MILD NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA
E13331	OTHER SPECIFIED DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA
E13339	OTHER SPECIFIED DIABETES MELLITUS WITH MODERATE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA
E13341	OTHER SPECIFIED DIABETES MELLITUS WITH SEVERE NONPROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA
E13349	OTHER SPECIFIED DIABETES MELLITUS WITH SEVERE NONPROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA
E13351	OTHER SPECIFIED DIABETES MELLITUS WITH PROLIFERATIVE DIABETIC RETINOPATHY WITH MACULAR EDEMA
E13359	OTHER SPECIFIED DIABETES MELLITUS WITH PROLIFERATIVE DIABETIC RETINOPATHY WITHOUT MACULAR EDEMA
E1336	OTHER SPECIFIED DIABETES MELLITUS WITH DIABETIC CATARACT
E1339	OTHER SPECIFIED DIABETES MELLITUS WITH OTHER DIABETIC OPHTHALMIC COMPLICATION
E1340	OTHER SPECIFIED DIABETES MELLITUS WITH DIABETIC NEUROPATHY, UNSPECIFIED

Table 4 (claim for a strong CYP2C8 inhibitor) Required quantity: 1 Look back timeframe: 90 days	
Label Name	GCN
GEMFIBROZIL 600 MG TABLET	25540
LOPID 600 MG TABLET	25540

Table 5 (history of a metformin-containing agent) Required quantity: 1 Look back timeframe: 730 days	
Label Name	GCN
ACTOPLUS MET 15 MG-850 MG TAB	25445
ALOGLIPTIN-METFORMIN 12.5-1000	34088
ALOGLIPTIN-METFORMIN 12.5-500	34087
FORTAMET ER 1,000 MG TABLET	21831
FORTAMET ER 500 MG TABLET	21832
GLIPIZIDE-METFORMIN 2.5-250 MG	18366
GLIPIZIDE-METFORMIN 2.5-500 MG	18367
GLIPIZIDE-METFORMIN 5-500 MG	18368
GLUCOPHAGE 1,000 MG TABLET	10857
GLUCOPHAGE 500 MG TABLET	10810
GLUCOPHAGE 850 MG TABLET	10811
GLUCOPHAGE XR 500 MG TAB	89863
GLUCOPHAGE XR 750 MG TAB	19578
GLUMETZA ER 1,000 MG TABLET	97067
GLUMETZA ER 500 MG TABLET	97061
GLUCOVANCE 2.5-500 MG TABLET	92889
GLUCOVANCE 5-500 MG TABLET	89879
GLYBURIDE-METFORMIN 2.5-500 MG	92889
GLYBURIDE-METFORMIN 5-500 MG	89879
GLYBURID-METFORMIN 1.25-250 MG	89878
INVOKAMET 150-1000 MG TABLET	36859
INVOKAMET 150-500 MG TABLET	36953
INVOKAMET 50-1000 MG TABLET	36857

Table 5 (history of a metformin-containing agent) Required quantity: 1 Look back timeframe: 730 days	
Label Name	GCN
INVOKAMET 50-500 MG TABLET	36954
INVOKAMET XR 150-1000 MG TABLET	42315
INVOKAMET XR 150-500 MG TABLET	42314
INVOKAMET XR 50-1000 MG TABLET	42313
INVOKAMET XR 50-500 MG TABLET	42312
JANUMET 50-1,000 MG TABLET	98307
JANUMET 50-500 MG TABLET	98306
JANUMET XR 100-1000 MG TABLET	31348
JANUMET XR 50-1000 MG TABLET	31340
JANUMET XR 50-500 MG TABLET	31339
JENTADUETO 2.5-1000 MG TAB	31317
JENTADUETO 2.5-500 MG TAB	31315
JENTADUETO 2.5-850 MG TAB	31316
JENTADUETO XR 2.5-1000 MG TAB	41637
JENTADUETO XR 5-1000 MG TAB	41639
KAZANO 12.5-1000 MG TABLET	34088
KAZANO 12.5-500 MG TABLET	34087
KOMBIGLYZE XR 2.5-1000 MG TAB	29225
KOMBIGLYZE XR 5-1000 MG TAB	29224
KOMBIGLYZE XR 5-500 MG TAB	29118
METFORMIN HCL 1,000 MG TABLET	10857
METFORMIN HCL 500 MG TABLET	10810
METFORMIN HCL 625 MG TABLET	52356

Table 5 (history of a metformin-containing agent) Required quantity: 1 Look back timeframe: 730 days	
Label Name	GCN
METFORMIN HCL 750 MG TABLET	56837
METFORMIN HCL 500 MG/5 ML SOLN	20808
METFORMIN HCL 850 MG TABLET	10811
METFORMIN HCL ER 1,000 MG TAB	21831
METFORMIN HCL ER 500 MG TABLET	21832
METFORMIN ER 500 MG GASTRC-TB	97061
METFORMIN ER 1,000 MG GASTR-TB	97067
METFORMIN HCL ER 500 MG TABLET	89863
METFORMIN HCL ER 750 MG TABLET	19578
PIOGLITAZONE-METFORMIN 15-500	25444
PIOGLITAZONE-METFORMIN 15-850	25445
REPAGLINIDE-METFORMIN 1-500 MG	16084
REPAGLINIDE-METFORMIN 2-500 MG	16085
RIOMET 500 MG/5 ML SOLUTION	20808
RIOMET ER 500 MG/5 ML SUSP	46873
SEGLUROMET 2.5-500 MG TABLET	44284
SEGLUROMET 7.5-500 MG TABLET	44286
SEGLUROMET 2.5-1,000 MG TABLET	44285
SEGLUROMET 7.5-1,000 MG TABLET	44287
SYNJARDY 12.5-1000 MG TABLET	38932
SYNJARDY 12.5-500 MG TABLET	39378
SYNJARDY 5-500 MG TABLET	39377
SYNJARDY 5-1000 MG TABLET	38929

Table 5 (history of a metformin-containing agent) Required quantity: 1 Look back timeframe: 730 days	
Label Name	GCN
SYNJARDY XR 10-1,000 MG TABLET	42788
SYNJARDY XR 5-1,000 MG TABLET	42786
SYNJARDY XR 25-1,000 MG TABLET	42789
SYNJARDY XR 12.5-1,000 MG TABLET	42787
TRIJARDY XR 10-5-1,000 MG TAB	47672
TRIJARDY XR 12.5-2.5-1,000 MG TAB	47671
TRIJARDY XR 25-5-1,000 MG TAB	47673
TRIJARDY XR 5-2.5-1,000 MG TAB	47669
XIGDUO XR 10-1000 MG TABLET	37344
XIGDUO XR 10-500 MG TABLET	37342
XIGDUO XR 5-1000 MG TABLET	37343
XIGDUO XR 5-500 MG TABLET	37339
XIGDUO XR 2.5-1000 MG TABLET	44304

Table 6 (diagnosis of renal failure) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
B520	PLASMODIUM MALARIAE MALARIA WITH NEPHROPATHY
E0821	DIABETES MELLITUS DUE TO UNDERLYING CONDITION WITH DIABETIC NEPHROPATHY
E0822	DIABETES MELLITUS DUE TO UNDERLYING CONDITION WITH DIABETIC CHRONIC KIDNEY DISEASE
E0829	DIABETES MELLITUS DUE TO UNDERLYING CONDITION WITH OTHER DIABETIC KIDNEY COMPLICATION

Table 6 (diagnosis of renal failure) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
E0921	DRUG OR CHEMICAL INDUCED DIABETES MELLITUS WITH DIABETIC NEPHROPATHY
E0922	DRUG OR CHEMICAL INDUCED DIABETES MELLITUS WITH DIABETIC CHRONIC KIDNEY DISEASE
E0929	DRUG OR CHEMICAL INDUCED DIABETES MELLITUS WITH OTHER DIABETIC KIDNEY COMPLICATION
M3214	GLOMERULAR DISEASE IN SYSTEMIC LUPUS ERYTHEMATOSUS
M3215	TUBULO-INTERSTITIAL NEPHROPATHY IN SYSTEMIC LUPUS ERYTHEMATOSUS
M3504	SICCA SYNDROME WITH TUBULO-INTERSTITIAL NEPHROPATHY
N000	ACUTE NEPHRITIC SYNDROME WITH MINOR GLOMERULAR ABNORMALITY
N001	ACUTE NEPHRITIC SYNDROME WITH FOCAL AND SEGMENTAL GLOMERULAR LESIONS
N002	ACUTE NEPHRITIC SYNDROME WITH DIFFUSE MEMBRANOUS GLOMERULONEPHRITIS
N003	ACUTE NEPHRITIC SYNDROME WITH DIFFUSE MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS
N004	ACUTE NEPHRITIC SYNDROME WITH DIFFUSE ENDOCAPILLARY PROLIFERATIVE GLOMERULONEPHRITIS
N005	ACUTE NEPHRITIC SYNDROME WITH DIFFUSE MESANGIOCAPILLARY GLOMERULONEPHRITIS
N006	ACUTE NEPHRITIC SYNDROME WITH DENSE DEPOSIT DISEASE
N007	ACUTE NEPHRITIC SYNDROME WITH DIFFUSE CRESCENTIC GLOMERULONEPHRITIS
N008	ACUTE NEPHRITIC SYNDROME WITH OTHER MORPHOLOGIC CHANGES
N009	ACUTE NEPHRITIC SYNDROME WITH UNSPECIFIED MORPHOLOGIC CHANGES
N010	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH MINOR GLOMERULAR ABNORMALITY

Table 6 (diagnosis of renal failure) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
N011	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH FOCAL AND SEGMENTAL GLOMERULAR LESIONS
N012	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH DIFFUSE MEMBRANOUS GLOMERULONEPHRITIS
N013	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH DIFFUSE MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS
N014	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH DIFFUSE ENDOCAPILLARY PROLIFERATIVE GLOMERULONEPHRITIS
N015	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH DIFFUSE MESANGIOCAPILLARY GLOMERULONEPHRITIS
N016	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH DENSE DEPOSIT DISEASE
N017	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH DIFFUSE CRESCENTIC GLOMERULONEPHRITIS
N018	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH OTHER MORPHOLOGIC CHANGES
N019	RAPIDLY PROGRESSIVE NEPHRITIC SYNDROME WITH UNSPECIFIED MORPHOLOGIC CHANGES
N020	RECURRENT AND PERSISTENT HEMATURIA WITH MINOR GLOMERULAR ABNORMALITY
N021	RECURRENT AND PERSISTENT HEMATURIA WITH FOCAL AND SEGMENTAL GLOMERULAR LESIONS
N022	RECURRENT AND PERSISTENT HEMATURIA WITH DIFFUSE MEMBRANOUS GLOMERULONEPHRITIS
N023	RECURRENT AND PERSISTENT HEMATURIA WITH DIFFUSE MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS
N024	RECURRENT AND PERSISTENT HEMATURIA WITH DIFFUSE ENDOCAPILLARY PROLIFERATIVE GLOMERULONEPHRITIS
N025	RECURRENT AND PERSISTENT HEMATURIA WITH DIFFUSE MESANGIOCAPILLARY GLOMERULONEPHRITIS
N026	RECURRENT AND PERSISTENT HEMATURIA WITH DENSE DEPOSIT DISEASE

Table 6 (diagnosis of renal failure) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
N027	RECURRENT AND PERSISTENT HEMATURIA WITH DIFFUSE CRESCENTIC GLOMERULONEPHRITIS
N028	RECURRENT AND PERSISTENT HEMATURIA WITH OTHER MORPHOLOGIC CHANGES
N029	RECURRENT AND PERSISTENT HEMATURIA WITH UNSPECIFIED MORPHOLOGIC CHANGES
N030	CHRONIC NEPHRITIC SYNDROME WITH MINOR GLOMERULAR ABNORMALITY
N031	CHRONIC NEPHRITIC SYNDROME WITH FOCAL AND SEGMENTAL GLOMERULAR LESIONS
N032	CHRONIC NEPHRITIC SYNDROME WITH DIFFUSE MEMBRANOUS GLOMERULONEPHRITIS
N033	CHRONIC NEPHRITIC SYNDROME WITH DIFFUSE MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS
N034	CHRONIC NEPHRITIC SYNDROME WITH DIFFUSE ENDOCAPILLARY PROLIFERATIVE GLOMERULONEPHRITIS
N035	CHRONIC NEPHRITIC SYNDROME WITH DIFFUSE MESANGIOCAPILLARY GLOMERULONEPHRITIS
N036	CHRONIC NEPHRITIC SYNDROME WITH DENSE DEPOSIT DISEASE
N037	CHRONIC NEPHRITIC SYNDROME WITH DIFFUSE CRESCENTIC GLOMERULONEPHRITIS
N038	CHRONIC NEPHRITIC SYNDROME WITH OTHER MORPHOLOGIC CHANGES
N039	CHRONIC NEPHRITIC SYNDROME WITH UNSPECIFIED MORPHOLOGIC CHANGES
N040	NEPHROTIC SYNDROME WITH MINOR GLOMERULAR ABNORMALITY
N041	NEPHROTIC SYNDROME WITH FOCAL AND SEGMENTAL GLOMERULAR LESIONS
N042	NEPHROTIC SYNDROME WITH DIFFUSE MEMBRANOUS GLOMERULONEPHRITIS
N043	NEPHROTIC SYNDROME WITH DIFFUSE MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS

Table 6 (diagnosis of renal failure) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
N044	NEPHROTIC SYNDROME WITH DIFFUSE ENDOCAPILLARY PROLIFERATIVE GLOMERULONEPHRITIS
N045	NEPHROTIC SYNDROME WITH DIFFUSE MESANGIOCAPILLARY GLOMERULONEPHRITIS
N046	NEPHROTIC SYNDROME WITH DENSE DEPOSIT DISEASE
N047	NEPHROTIC SYNDROME WITH DIFFUSE CRESCENTIC GLOMERULONEPHRITIS
N048	NEPHROTIC SYNDROME WITH OTHER MORPHOLOGIC CHANGES
N049	NEPHROTIC SYNDROME WITH UNSPECIFIED MORPHOLOGIC CHANGES
N050	UNSPECIFIED NEPHRITIC SYNDROME WITH MINOR GLOMERULAR ABNORMALITY
N051	UNSPECIFIED NEPHRITIC SYNDROME WITH FOCAL AND SEGMENTAL GLOMERULAR LESIONS
N052	UNSPECIFIED NEPHRITIC SYNDROME WITH DIFFUSE MEMBRANOUS GLOMERULONEPHRITIS
N053	UNSPECIFIED NEPHRITIC SYNDROME WITH DIFFUSE MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS
N054	UNSPECIFIED NEPHRITIC SYNDROME WITH DIFFUSE ENDOCAPILLARY PROLIFERATIVE GLOMERULONEPHRITIS
N055	UNSPECIFIED NEPHRITIC SYNDROME WITH DIFFUSE MESANGIOCAPILLARY GLOMERULONEPHRITIS
N056	UNSPECIFIED NEPHRITIC SYNDROME WITH DENSE DEPOSIT DISEASE
N057	UNSPECIFIED NEPHRITIC SYNDROME WITH DIFFUSE CRESCENTIC GLOMERULONEPHRITIS
N058	UNSPECIFIED NEPHRITIC SYNDROME WITH OTHER MORPHOLOGIC CHANGES
N059	UNSPECIFIED NEPHRITIC SYNDROME WITH UNSPECIFIED MORPHOLOGIC CHANGES
N060	ISOLATED PROTEINURIA WITH MINOR GLOMERULAR ABNORMALITY

Table 6 (diagnosis of renal failure) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
N061	ISOLATED PROTEINURIA WITH FOCAL AND SEGMENTAL GLOMERULAR LESIONS
N062	ISOLATED PROTEINURIA WITH DIFFUSE MEMBRANOUS GLOMERULONEPHRITIS
N063	ISOLATED PROTEINURIA WITH DIFFUSE MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS
N064	ISOLATED PROTEINURIA WITH DIFFUSE ENDOCAPILLARY PROLIFERATIVE GLOMERULONEPHRITIS
N065	ISOLATED PROTEINURIA WITH DIFFUSE MESANGIOCAPILLARY GLOMERULONEPHRITIS
N066	ISOLATED PROTEINURIA WITH DENSE DEPOSIT DISEASE
N067	ISOLATED PROTEINURIA WITH DIFFUSE CRESCENTIC GLOMERULONEPHRITIS
N068	ISOLATED PROTEINURIA WITH OTHER MORPHOLOGIC LESION
N069	ISOLATED PROTEINURIA WITH UNSPECIFIED MORPHOLOGIC LESION
N070	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH MINOR GLOMERULAR ABNORMALITY
N071	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH FOCAL AND SEGMENTAL GLOMERULAR LESIONS
N072	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH DIFFUSE MEMBRANOUS GLOMERULONEPHRITIS
N073	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH DIFFUSE MESANGIAL PROLIFERATIVE GLOMERULONEPHRITIS
N074	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH DIFFUSE ENDOCAPILLARY PROLIFERATIVE GLOMERULONEPHRITIS
N075	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH DIFFUSE MESANGIOCAPILLARY GLOMERULONEPHRITIS
N076	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH DENSE DEPOSIT DISEASE

Table 6 (diagnosis of renal failure) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
N077	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH DIFFUSE CRESCENTIC GLOMERULONEPHRITIS
N078	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH OTHER MORPHOLOGIC LESIONS
N079	HEREDITARY NEPHROPATHY, NOT ELSEWHERE CLASSIFIED WITH UNSPECIFIED MORPHOLOGIC LESIONS
N08	GLOMERULAR DISORDERS IN DISEASES CLASSIFIED ELSEWHERE
N140	ANALGESIC NEPHROPATHY
N141	NEPHROPATHY INDUCED BY OTHER DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES
N142	NEPHROPATHY INDUCED BY UNSPECIFIED DRUG, MEDICAMENT OR BIOLOGICAL SUBSTANCE
N143	NEPHROPATHY INDUCED BY HEAVY METALS
N144	TOXIC NEPHROPATHY, NOT ELSEWHERE CLASSIFIED
N150	BALKAN NEPHROPATHY
N158	OTHER SPECIFIED RENAL TUBULO-INTERSTITIAL DISEASES
N159	RENAL TUBULO-INTERSTITIAL DISEASE, UNSPECIFIED
N16	RENAL TUBULO-INTERSTITIAL DISORDERS IN DISEASES CLASSIFIED ELSEWHERE
N170	ACUTE KIDNEY FAILURE WITH TUBULAR NECROSIS
N171	ACUTE KIDNEY FAILURE WITH ACUTE CORTICAL NECROSIS
N172	ACUTE KIDNEY FAILURE WITH MEDULLARY NECROSIS
N178	OTHER ACUTE KIDNEY FAILURE
N179	ACUTE KIDNEY FAILURE, UNSPECIFIED
N181	CHRONIC KIDNEY DISEASE, STAGE 1
N182	CHRONIC KIDNEY DISEASE, STAGE 2 (MILD)

Table 6 (diagnosis of renal failure) Required diagnosis: 1 Look back timeframe: 730 days	
ICD-10 Code	Description
N183	CHRONIC KIDNEY DISEASE, STAGE 3 (MODERATE)
N184	CHRONIC KIDNEY DISEASE, STAGE 4 (SEVERE)
N185	CHRONIC KIDNEY DISEASE, STAGE 5
N186	END STAGE RENAL DISEASE
N189	CHRONIC KIDNEY DISEASE, UNSPECIFIED
N19	UNSPECIFIED KIDNEY FAILURE
N250	RENAL OSTEODYSTROPHY
N251	NEPHROGENIC DIABETES INSIPIDUS
N2581	SECONDARY HYPERPARATHYROIDISM OF RENAL ORIGIN
N259	DISORDER RESULTING FROM IMPAIRED RENAL TUBULAR FUNCTION, UNSPECIFIED
N261	ATROPHY OF KIDNEY (TERMINAL)
N269	RENAL SCLEROSIS, UNSPECIFIED



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Publication History

The Publication History records the publication iterations and revisions to this document. Notes for the *most current revision* are also provided in the [Revision Notes](#) on the first page of this document.

Publication Date	Notes
01/31/2011	Initial publication and posting to website
03/06/2012	- Added a new section to specify the drugs requiring prior authorization for Pioglitazone and Rosiglitazone - In the "Clinical Edit Supporting Tables" section for Pioglitazone, added a table to specify the drug names and GCNs pertinent to step 2 of the logic diagram - In each "Clinical Edit Supporting Tables" section, revised tables to specify the diagnosis codes pertinent to steps 1, 3, and 5 of the logic diagrams - In the "Clinical Edit Supporting Tables" section for Pioglitazone, revised tables to specify the drug names and GCNs pertinent to step 4 of the logic diagram - In the "Clinical Edit Supporting Tables" section for Rosiglitazone, revised tables to specify the drug names and GCNs pertinent to steps 2, 4, and 6 of the logic diagram
04/03/2015	Updated to include ICD-10s
02/08/2018	- Annual review by staff - Removed ICD-9 codes - Updated pioglitazone-containing agents, criteria logic and logic diagram - Updated Table 2 - Updated Table 4 - Updated Table 6
03/29/2019	Updated to include formulary statement (The listed GCNS may not be an indication of TX Medicaid Formulary coverage. To learn the current formulary coverage, visit TxVendorDrug.com/formulary/formulary-search.) on each 'Drug Requiring PA' table
11/03/2020	- Removed GCNs for alogliptin/pioglitazone from the drug table - Updated Table 6
04/30/2021	Annual review by staff

Publication Date	Notes
	- Added GCNs for Aldactone (27691, 27690, 27692); Aldactazide (82330, 82331); Carospir (15596); Corlanor (46204); Spironolactone (27692, 82330, 27690, 27691) from Table 2 - Added GCNs for metformin (20808, 97061, 97067); Segluromet (44284, 44286, 44285, 44287); Synjardy (42788, 42786, 42789, 42787); Trijardy XR (47672, 47671, 47673, 47669) to Table 4 - Added check for strong CYP2C8 inhibitors - Updated references
07/31/2024	- Annual review by staff - Removed criteria for rosiglitazone – product has been discontinued - Updated references
4/30/2025	- Annual review by staff - Added GCN for Actoplus Met (25445) to the Drugs Requiring PA section - Added GCNs for bumetanide (34810), digoxin (32075, 34677, 00130, 00134), Entresto (55585, 55586), Lanoxin (35966, 00133, 00134), spironolactone (15596), Actoplus (25445), metformin (52356, 56837), Riomet (46873), Synjardy (39377), and Xigduo (44304) to the supporting tables - Removed GCNs for Actoplus Met (25444) and Actoplus Met XR (28620, 28622) – products discontinued - Updated references