

Supplemental Material: eDefinitions

Contents

1	eDefinitions	2
1.1	GLP1 RA Medications	2
1.2	Obesity	25
1.3	Overweight	28
1.4	Comorbidities	28
1.4.1	Asthma	28
1.4.2	Atrial Fibrillation	30
1.4.3	Bariatric Surgery	31
1.4.4	Chronic Kidney Disease	32
1.4.5	COPD	38
1.4.6	Glaucoma	39
1.4.7	Heart Failure	51
1.4.8	Hyperlipidemia	56
1.4.9	Hypertension	58
1.4.10	Major Depressive Disorder	65
1.4.11	Myocardial Infarction	67
1.4.12	Osteoporosis	72
1.5	Anti-Diabetic Medications (ADMs)	75
1.5.1	Metformin	75
1.5.2	Insulin	99
1.5.3	Sulfonylurea	110
1.5.4	SGLT2 Inhibitors	120
1.5.5	DPP-4	130
1.6	Anti-Obesity Medications (AOMS)	141
1.6.1	Orlistat	141
1.6.2	Phentermine Topiramate	142
1.7	Adverse Events	143
1.7.1	Bowel Obstruction	143
1.7.2	Cholecystitis	150
1.7.3	Cholelithiasis	151
1.7.4	Gastroenteritis	153
1.7.5	Gastroparesis	155
1.7.6	Pancreatitis	155

1 eDefinitions

1.1 GLP1 RA Medications

The following codes were used to identify previous use of any GLP-1 RA or GLP-1 RA/GIP agonist.

Table 1: Concept codes used to identify GLP-1 RA medications.

CodeSystem	ConceptCode	ConceptName
RxNorm	1991302	semaglutide
RxNorm	2553504	semaglutide Auto-Injector [Wegovy]
RxNorm	2553506	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
RxNorm	2553604	semaglutide 1 MG/ML Auto-Injector
RxNorm	2553606	semaglutide 2 MG/ML
RxNorm	2553700	semaglutide 2 MG/ML Auto-Injector [Wegovy]
RxNorm	2553900	semaglutide 2.27 MG/ML
RxNorm	2553902	semaglutide 2.27 MG/ML [Wegovy]
RxNorm	2553904	semaglutide 2.27 MG/ML Auto-Injector
RxNorm	2554103	semaglutide 3.2 MG/ML [Wegovy]
RxNorm	2553601	0.5 ML semaglutide 1 MG/ML Auto-Injector
RxNorm	2553608	semaglutide 2 MG/ML [Wegovy]
RxNorm	2554101	semaglutide 3.2 MG/ML
RxNorm	2553501	0.5 ML semaglutide 0.5 MG/ML Auto-Injector
RxNorm	2553905	semaglutide 2.27 MG/ML Auto-Injector [Wegovy]
RxNorm	2554102	0.75 ML semaglutide 3.2 MG/ML Auto-Injector
RxNorm	2553400	semaglutide 0.5 MG/ML
RxNorm	2553505	Wegovy Injectable Product
RxNorm	2553507	semaglutide 0.5 MG/ML Auto-Injector
RxNorm	2553605	semaglutide 1 MG/ML Auto-Injector [Wegovy]
RxNorm	2553607	semaglutide 2 MG/ML Auto-Injector
RxNorm	2553901	0.75 ML semaglutide 2.27 MG/ML Auto-Injector
RxNorm	2553903	0.75 ML semaglutide 2.27 MG/ML Auto-Injector [Wegovy]
RxNorm	2554104	0.75 ML semaglutide 3.2 MG/ML Auto-Injector [Wegovy]
RxNorm	2553502	Wegovy
RxNorm	2553803	0.5 ML semaglutide 2 MG/ML Auto-Injector [Wegovy]
RxNorm	2554105	semaglutide 3.2 MG/ML Auto-Injector
RxNorm	2553503	semaglutide 0.5 MG/ML [Wegovy]
RxNorm	2553802	0.5 ML semaglutide 2 MG/ML Auto-Injector
RxNorm	2554106	semaglutide 3.2 MG/ML Auto-Injector [Wegovy]
RxNorm	2553508	semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
RxNorm	2553600	semaglutide 1 MG/ML
RxNorm	2553602	semaglutide 1 MG/ML [Wegovy]
RxNorm	2553500	semaglutide Auto-Injector
RxNorm	2553603	0.5 ML semaglutide 1 MG/ML Auto-Injector [Wegovy]
RxNorm	2599362	3 ML semaglutide 2.68 MG/ML Pen Injector
RxNorm	2599365	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2599361	semaglutide 2.68 MG/ML
RxNorm	2599364	semaglutide 2.68 MG/ML [Ozempic]
RxNorm	2599363	semaglutide 2.68 MG/ML Pen Injector
RxNorm	2599366	semaglutide 2.68 MG/ML Pen Injector [Ozempic]
RxNorm	1991303	semaglutide 1.34 MG/ML
RxNorm	1991304	semaglutide Injectable Product
RxNorm	1991305	semaglutide Pen Injector
RxNorm	1991306	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector
RxNorm	1991307	Ozempic
RxNorm	1991308	semaglutide 1.34 MG/ML [Ozempic]
RxNorm	1991309	semaglutide Pen Injector [Ozempic]
RxNorm	1991310	Ozempic Injectable Product
RxNorm	1991311	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
RxNorm	1991316	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector
RxNorm	1991317	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
RxNorm	2619152	0.25 MG, 0.5 MG Dose 3 ML semaglutide 0.68 MG/ML Pen Injector
RxNorm	2619154	0.25 MG, 0.5 MG Dose 3 ML semaglutide 0.68 MG/ML Pen Injector [Ozempic]
RxNorm	2200654	semaglutide 3 MG Oral Tablet [Rybelsus]
RxNorm	2200655	semaglutide 7 MG
RxNorm	2200656	semaglutide 7 MG Oral Tablet
RxNorm	2200657	semaglutide 7 MG [Rybelsus]
RxNorm	2200658	semaglutide 7 MG Oral Tablet [Rybelsus]
RxNorm	2200640	semaglutide 14 MG
RxNorm	2200641	semaglutide Oral Product
RxNorm	2200642	semaglutide Pill
RxNorm	2200643	semaglutide Oral Tablet
RxNorm	2200644	semaglutide 14 MG Oral Tablet
RxNorm	2200645	Rybelsus
RxNorm	2200646	semaglutide 14 MG [Rybelsus]
RxNorm	2200647	semaglutide Oral Tablet [Rybelsus]
RxNorm	2200648	Rybelsus Oral Product
RxNorm	2200649	Rybelsus Pill
RxNorm	2200650	semaglutide 14 MG Oral Tablet [Rybelsus]
RxNorm	2200651	semaglutide 3 MG
RxNorm	2200652	semaglutide 3 MG Oral Tablet
RxNorm	2200653	semaglutide 3 MG [Rybelsus]
RxNorm	2398841	3 ML semaglutide 1.34 MG/ML Pen Injector
RxNorm	2398842	3 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]

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Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2398843	semaglutide 1.34 MG/ML Pen Injector
RxNorm	2398844	semaglutide 1.34 MG/ML Pen Injector [Ozempic]
RxNorm	2619151	semaglutide 0.68 MG/ML
RxNorm	2619153	semaglutide 0.68 MG/ML [Ozempic]
SNOMED CT	764283003	Semaglutide
SNOMED CT	764284009	Semaglutide-containing product
SNOMED CT	770768004	Semaglutide-containing product in parenteral dose form
SNOMED CT	764285005	Semaglutide-containing product in oral dose form
SNOMED CT	777514008	Semaglutide only product
SNOMED CT	780439007	Semaglutide only product in oral dose form
SNOMED CT	780440009	Semaglutide only product in parenteral dose form
SNOMED CT	782102009	Semaglutide 1.34 mg/mL solution for injection
SNOMED CT	1003647000	Semaglutide 3 mg oral tablet
SNOMED CT	1003648005	Semaglutide 7 mg oral tablet
SNOMED CT	1003649002	Semaglutide 14 mg oral tablet
NDC	500905949	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169477290	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
NDC	00169477211	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
NDC	001694772	semaglutide 2.68mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090594900	3 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169477297	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
NDC	00169477212	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
NDC	705182143	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	70518214300	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	001694130	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169413001	3 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413013	3 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	001694132	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169413211	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413212	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413290	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413297	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]

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Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	001694136	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169413602	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413611	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	001694303	oral semaglutide 3mg/1 ORAL TABLET
NDC	00169430301	semaglutide 3 MG Oral Tablet [Rybelsus]
NDC	00169430313	semaglutide 3 MG Oral Tablet [Rybelsus]
NDC	00169430330	semaglutide 3 MG Oral Tablet [Rybelsus]
NDC	00169430390	semaglutide 3 MG Oral Tablet [Rybelsus]
NDC	00169430393	semaglutide 3 MG Oral Tablet [Rybelsus]
NDC	00169430399	semaglutide 3 MG Oral Tablet [Rybelsus]
NDC	001694307	oral semaglutide 7mg/1 ORAL TABLET
NDC	00169430701	semaglutide 7 MG Oral Tablet [Rybelsus]
NDC	00169430713	semaglutide 7 MG Oral Tablet [Rybelsus]
NDC	00169430730	semaglutide 7 MG Oral Tablet [Rybelsus]
NDC	001694314	oral semaglutide 14mg/1 ORAL TABLET
NDC	00169431401	semaglutide 14 MG Oral Tablet [Rybelsus]
NDC	00169431413	semaglutide 14 MG Oral Tablet [Rybelsus]
NDC	00169431430	semaglutide 14 MG Oral Tablet [Rybelsus]
NDC	001694501	semaglutide 1mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169450101	0.5 ML semaglutide 2 MG/ML Auto-Injector [Wegovy]
NDC	00169450114	0.5 ML semaglutide 2 MG/ML Auto-Injector [Wegovy]
NDC	001694505	semaglutide .5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169450501	0.5 ML semaglutide 1 MG/ML Auto-Injector [Wegovy]
NDC	00169450514	0.5 ML semaglutide 1 MG/ML Auto-Injector [Wegovy]
NDC	001694517	semaglutide 1.7mg/.75mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169451701	0.75 ML semaglutide 2.27 MG/ML Auto-Injector [Wegovy]
NDC	00169451714	0.75 ML semaglutide 2.27 MG/ML Auto-Injector [Wegovy]
NDC	001694524	semaglutide 2.4mg/.75mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169452401	0.75 ML semaglutide 3.2 MG/ML Auto-Injector [Wegovy]
NDC	00169452414	0.75 ML semaglutide 3.2 MG/ML Auto-Injector [Wegovy]
NDC	001694525	semaglutide .25mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169452501	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
NDC	00169452514	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
NDC	00169452590	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
NDC	00169452594	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]

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Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	500905138	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090513800	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	500905139	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090513900	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	500905824	semaglutide .25mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090582400	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
RxNorm	2553502	Wegovy
RxNorm	2553504	semaglutide Auto-Injector [Wegovy]
RxNorm	2553506	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
RxNorm	2553700	semaglutide 2 MG/ML Auto-Injector [Wegovy]
RxNorm	2553902	semaglutide 2.27 MG/ML [Wegovy]
RxNorm	2554103	semaglutide 3.2 MG/ML [Wegovy]
RxNorm	2553608	semaglutide 2 MG/ML [Wegovy]
RxNorm	2553905	semaglutide 2.27 MG/ML Auto-Injector [Wegovy]
RxNorm	2553505	Wegovy Injectable Product
RxNorm	2553605	semaglutide 1 MG/ML Auto-Injector [Wegovy]
RxNorm	2553903	0.75 ML semaglutide 2.27 MG/ML Auto-Injector [Wegovy]
RxNorm	2554104	0.75 ML semaglutide 3.2 MG/ML Auto-Injector [Wegovy]
RxNorm	2553803	0.5 ML semaglutide 2 MG/ML Auto-Injector [Wegovy]
RxNorm	2553503	semaglutide 0.5 MG/ML [Wegovy]
RxNorm	2554106	semaglutide 3.2 MG/ML Auto-Injector [Wegovy]
RxNorm	2553508	semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
RxNorm	2553602	semaglutide 1 MG/ML [Wegovy]
RxNorm	2553603	0.5 ML semaglutide 1 MG/ML Auto-Injector [Wegovy]
NDC	001694501	semaglutide 1mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169450101	0.5 ML semaglutide 2 MG/ML Auto-Injector [Wegovy]
NDC	00169450114	0.5 ML semaglutide 2 MG/ML Auto-Injector [Wegovy]
NDC	001694505	semaglutide .5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169450501	0.5 ML semaglutide 1 MG/ML Auto-Injector [Wegovy]
NDC	00169450514	0.5 ML semaglutide 1 MG/ML Auto-Injector [Wegovy]
NDC	001694517	semaglutide 1.7mg/.75mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169451701	0.75 ML semaglutide 2.27 MG/ML Auto-Injector [Wegovy]
NDC	00169451714	0.75 ML semaglutide 2.27 MG/ML Auto-Injector [Wegovy]
NDC	001694524	semaglutide 2.4mg/.75mL SUBCUTANEOUS INJECTION, SOLUTION

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Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	00169452401	0.75 ML semaglutide 3.2 MG/ML Auto-Injector [Wegovy]
NDC	00169452414	0.75 ML semaglutide 3.2 MG/ML Auto-Injector [Wegovy]
NDC	001694525	semaglutide .25mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169452501	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
NDC	00169452514	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
NDC	00169452590	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
NDC	00169452594	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
NDC	500905824	semaglutide .25mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090582400	0.5 ML semaglutide 0.5 MG/ML Auto-Injector [Wegovy]
RxNorm	1991307	Ozempic
RxNorm	2599365	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
RxNorm	2599366	semaglutide 2.68 MG/ML Pen Injector [Ozempic]
RxNorm	1991308	semaglutide 1.34 MG/ML [Ozempic]
RxNorm	1991309	semaglutide Pen Injector [Ozempic]
RxNorm	1991310	Ozempic Injectable Product
RxNorm	1991311	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
RxNorm	1991317	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
RxNorm	2619154	0.25 MG, 0.5 MG Dose 3 ML semaglutide 0.68 MG/ML Pen Injector [Ozempic]
RxNorm	2398842	3 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
RxNorm	2398844	semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	500905949	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169477290	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
NDC	00169477211	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
NDC	001694772	semaglutide 2.68mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090594900	3 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169477297	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
NDC	00169477212	3 ML semaglutide 2.68 MG/ML Pen Injector [Ozempic]
NDC	705182143	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	70518214300	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	001694130	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169413001	3 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413013	3 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]

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Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	001694132	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169413211	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413212	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413290	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413297	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	001694136	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169413602	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	00169413611	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	500905138	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090513800	0.25 MG, 0.5 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
NDC	500905139	semaglutide 1.34mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090513900	1 MG Dose 1.5 ML semaglutide 1.34 MG/ML Pen Injector [Ozempic]
RxNorm	2601723	tirzepatide
RxNorm	2601742	tirzepatide 10 MG/ML
RxNorm	2601745	tirzepatide 10 MG/ML [Mounjaro]
RxNorm	2601744	tirzepatide 10 MG/ML Auto-Injector
RxNorm	2601747	tirzepatide 10 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601778	tirzepatide 15 MG/ML
RxNorm	2601781	tirzepatide 15 MG/ML [Mounjaro]
RxNorm	2601780	tirzepatide 15 MG/ML Auto-Injector
RxNorm	2601783	tirzepatide 15 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601736	Mounjaro Injectable Product
RxNorm	2601759	tirzepatide 30 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601760	tirzepatide 5 MG/ML
RxNorm	2601763	tirzepatide 5 MG/ML [Mounjaro]
RxNorm	2601762	tirzepatide 5 MG/ML Auto-Injector
RxNorm	2601765	tirzepatide 5 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601731	tirzepatide Auto-Injector
RxNorm	2601737	tirzepatide Auto-Injector [Mounjaro]
RxNorm	2601730	tirzepatide Injectable Product
RxNorm	2601743	0.5 ML tirzepatide 10 MG/ML Auto-Injector

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Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2601746	0.5 ML tirzepatide 10 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601784	0.5 ML tirzepatide 15 MG/ML Auto-Injector
RxNorm	2601785	0.5 ML tirzepatide 15 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601767	0.5 ML tirzepatide 20 MG/ML Auto-Injector
RxNorm	2601770	0.5 ML tirzepatide 20 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601773	0.5 ML tirzepatide 25 MG/ML Auto-Injector
RxNorm	2601761	0.5 ML tirzepatide 5 MG/ML Auto-Injector
RxNorm	2601764	0.5 ML tirzepatide 5 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601755	0.5 ML tirzepatide 30 MG/ML Auto-Injector
RxNorm	2644401	0.5 ML tirzepatide 10 MG/ML Injection
RxNorm	2644403	0.5 ML tirzepatide 10 MG/ML Injection [Mounjaro]
RxNorm	2644396	0.5 ML tirzepatide 15 MG/ML Injection
RxNorm	2644399	0.5 ML tirzepatide 15 MG/ML Injection [Mounjaro]
RxNorm	2644417	0.5 ML tirzepatide 20 MG/ML Injection
RxNorm	2644419	0.5 ML tirzepatide 20 MG/ML Injection [Mounjaro]
RxNorm	2644413	0.5 ML tirzepatide 25 MG/ML Injection
RxNorm	2644415	0.5 ML tirzepatide 25 MG/ML Injection [Mounjaro]
RxNorm	2644409	0.5 ML tirzepatide 30 MG/ML Injection
RxNorm	2644411	0.5 ML tirzepatide 30 MG/ML Injection [Mounjaro]
RxNorm	2644405	0.5 ML tirzepatide 5 MG/ML Injection
RxNorm	2644407	0.5 ML tirzepatide 5 MG/ML Injection [Mounjaro]
RxNorm	2601769	tirzepatide 20 MG/ML [Mounjaro]
RxNorm	2601757	tirzepatide 30 MG/ML [Mounjaro]
RxNorm	2644402	tirzepatide 10 MG/ML Injection
RxNorm	2644404	tirzepatide 10 MG/ML Injection [Mounjaro]
RxNorm	2644397	tirzepatide 15 MG/ML Injection
RxNorm	2644400	tirzepatide 15 MG/ML Injection [Mounjaro]
RxNorm	2644418	tirzepatide 20 MG/ML Injection
RxNorm	2644420	tirzepatide 20 MG/ML Injection [Mounjaro]
RxNorm	2644414	tirzepatide 25 MG/ML Injection
RxNorm	2644416	tirzepatide 25 MG/ML Injection [Mounjaro]
RxNorm	2644410	tirzepatide 30 MG/ML Injection
RxNorm	2644412	tirzepatide 30 MG/ML Injection [Mounjaro]
RxNorm	2644406	tirzepatide 5 MG/ML Injection
RxNorm	2644408	tirzepatide 5 MG/ML Injection [Mounjaro]
RxNorm	2644395	tirzepatide Injection
RxNorm	2644398	tirzepatide Injection [Mounjaro]
RxNorm	2601776	0.5 ML tirzepatide 25 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601756	tirzepatide 30 MG/ML Auto-Injector
RxNorm	2601771	tirzepatide 20 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601772	tirzepatide 25 MG/ML
RxNorm	2601775	tirzepatide 25 MG/ML [Mounjaro]
RxNorm	2601774	tirzepatide 25 MG/ML Auto-Injector

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2601768	tirzepatide 20 MG/ML Auto-Injector
RxNorm	2601777	tirzepatide 25 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601754	tirzepatide 30 MG/ML
RxNorm	2601766	tirzepatide 20 MG/ML
RxNorm	2601758	0.5 ML tirzepatide 30 MG/ML Auto-Injector [Mounjaro]
NDC	00002150661	tirzepatide 2.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002147180	0.5 ML tirzepatide 20 MG/ML Auto-Injector [Mounjaro]
NDC	00002146080	0.5 ML tirzepatide 25 MG/ML Auto-Injector [Mounjaro]
NDC	00002150680	0.5 ML tirzepatide 5 MG/ML Auto-Injector [Mounjaro]
NDC	00002145780	0.5 ML tirzepatide 30 MG/ML Auto-Injector [Mounjaro]
NDC	000021471	tirzepatide 10mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	000021460	tirzepatide 12.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	000021484	tirzepatide 7.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002146001	0.5 ML tirzepatide 25 MG/ML Auto-Injector [Mounjaro]
NDC	00002149580	0.5 ML tirzepatide 10 MG/ML Auto-Injector [Mounjaro]
NDC	00002148480	0.5 ML tirzepatide 15 MG/ML Auto-Injector [Mounjaro]
NDC	000021506	tirzepatide 2.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002150601	0.5 ML tirzepatide 5 MG/ML Auto-Injector [Mounjaro]
NDC	00002145701	0.5 ML tirzepatide 30 MG/ML Auto-Injector [Mounjaro]
NDC	00002147101	0.5 ML tirzepatide 20 MG/ML Auto-Injector [Mounjaro]
NDC	00002148401	0.5 ML tirzepatide 15 MG/ML Auto-Injector [Mounjaro]
NDC	00002149501	0.5 ML tirzepatide 10 MG/ML Auto-Injector [Mounjaro]
NDC	000021457	tirzepatide 15mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	000021495	tirzepatide 5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
RxNorm	2601745	tirzepatide 10 MG/ML [Mounjaro]
RxNorm	2601747	tirzepatide 10 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601781	tirzepatide 15 MG/ML [Mounjaro]
RxNorm	2601783	tirzepatide 15 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601734	Mounjaro
RxNorm	2601759	tirzepatide 30 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601763	tirzepatide 5 MG/ML [Mounjaro]
RxNorm	2601765	tirzepatide 5 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601737	tirzepatide Auto-Injector [Mounjaro]
RxNorm	2601746	0.5 ML tirzepatide 10 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601785	0.5 ML tirzepatide 15 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601770	0.5 ML tirzepatide 20 MG/ML Auto-Injector [Mounjaro]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2601764	0.5 ML tirzepatide 5 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601769	tirzepatide 20 MG/ML [Mounjaro]
RxNorm	2601757	tirzepatide 30 MG/ML [Mounjaro]
RxNorm	2601776	0.5 ML tirzepatide 25 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601771	tirzepatide 20 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601777	tirzepatide 25 MG/ML Auto-Injector [Mounjaro]
RxNorm	2601758	0.5 ML tirzepatide 30 MG/ML Auto-Injector [Mounjaro]
RxNorm	2644403	0.5 ML tirzepatide 10 MG/ML Injection [Mounjaro]
RxNorm	2644399	0.5 ML tirzepatide 15 MG/ML Injection [Mounjaro]
RxNorm	2644419	0.5 ML tirzepatide 20 MG/ML Injection [Mounjaro]
RxNorm	2644411	0.5 ML tirzepatide 30 MG/ML Injection [Mounjaro]
RxNorm	2644407	0.5 ML tirzepatide 5 MG/ML Injection [Mounjaro]
RxNorm	2644404	tirzepatide 10 MG/ML Injection [Mounjaro]
RxNorm	2644400	tirzepatide 15 MG/ML Injection [Mounjaro]
RxNorm	2644420	tirzepatide 20 MG/ML Injection [Mounjaro]
RxNorm	2644412	tirzepatide 30 MG/ML Injection [Mounjaro]
RxNorm	2644408	tirzepatide 5 MG/ML Injection [Mounjaro]
NDC	00002150661	tirzepatide 2.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002147180	0.5 ML tirzepatide 20 MG/ML Auto-Injector [Mounjaro]
NDC	00002146080	0.5 ML tirzepatide 25 MG/ML Auto-Injector [Mounjaro]
NDC	00002150680	0.5 ML tirzepatide 5 MG/ML Auto-Injector [Mounjaro]
NDC	00002145780	0.5 ML tirzepatide 30 MG/ML Auto-Injector [Mounjaro]
NDC	000021471	tirzepatide 10mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	000021460	tirzepatide 12.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	000021484	tirzepatide 7.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002146001	0.5 ML tirzepatide 25 MG/ML Auto-Injector [Mounjaro]
NDC	00002149580	0.5 ML tirzepatide 10 MG/ML Auto-Injector [Mounjaro]
NDC	00002148480	0.5 ML tirzepatide 15 MG/ML Auto-Injector [Mounjaro]
NDC	000021506	tirzepatide 2.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002150601	0.5 ML tirzepatide 5 MG/ML Auto-Injector [Mounjaro]
NDC	00002145701	0.5 ML tirzepatide 30 MG/ML Auto-Injector [Mounjaro]
NDC	00002147101	0.5 ML tirzepatide 20 MG/ML Auto-Injector [Mounjaro]
NDC	00002148401	0.5 ML tirzepatide 15 MG/ML Auto-Injector [Mounjaro]
NDC	00002149501	0.5 ML tirzepatide 10 MG/ML Auto-Injector [Mounjaro]
NDC	000021457	tirzepatide 15mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	000021495	tirzepatide 5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1551291	dulaglutide
RxNorm	1551294	dulaglutide Prefilled Syringe
RxNorm	1551298	dulaglutide Prefilled Syringe [Trulicity]
RxNorm	1551292	dulaglutide 1.5 MG/ML
RxNorm	1551293	dulaglutide Injectable Product
RxNorm	1551295	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector
RxNorm	1551296	Trulicity
RxNorm	1551297	dulaglutide 1.5 MG/ML [Trulicity]
RxNorm	1551299	Trulicity Injectable Product
RxNorm	1551300	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
RxNorm	1551301	dulaglutide 1.5 MG/ML Auto-Injector
RxNorm	1551302	dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
RxNorm	1551303	dulaglutide 3 MG/ML
RxNorm	1551304	0.5 ML dulaglutide 3 MG/ML Auto-Injector
RxNorm	1551305	dulaglutide 3 MG/ML [Trulicity]
RxNorm	1551306	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
RxNorm	1551307	dulaglutide 3 MG/ML Auto-Injector
RxNorm	1551308	dulaglutide 3 MG/ML Auto-Injector [Trulicity]
RxNorm	1649584	dulaglutide Auto-Injector
RxNorm	1649586	dulaglutide Auto-Injector [Trulicity]
RxNorm	2395776	dulaglutide 6 MG/ML
RxNorm	2395777	0.5 ML dulaglutide 6 MG/ML Auto-Injector
RxNorm	2395778	dulaglutide 6 MG/ML [Trulicity]
RxNorm	2395779	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
RxNorm	2395780	dulaglutide 6 MG/ML Auto-Injector
RxNorm	2395781	dulaglutide 6 MG/ML Auto-Injector [Trulicity]
RxNorm	2395782	dulaglutide 9 MG/ML
RxNorm	2395783	0.5 ML dulaglutide 9 MG/ML Auto-Injector
RxNorm	2395784	dulaglutide 9 MG/ML [Trulicity]
RxNorm	2395785	0.5 ML dulaglutide 9 MG/ML Auto-Injector [Trulicity]
RxNorm	2395786	dulaglutide 9 MG/ML Auto-Injector
RxNorm	2395787	dulaglutide 9 MG/ML Auto-Injector [Trulicity]
SNOMED CT	714080005	Dulaglutide
SNOMED CT	714081009	Dulaglutide-containing product
SNOMED CT	775712006	Dulaglutide only product
SNOMED CT	1010536005	Dulaglutide 1.5 mg/mL solution for injection
SNOMED CT	1010537001	Dulaglutide 3 mg/mL solution for injection
SNOMED CT	1010538006	Dulaglutide 6 mg/mL solution for injection
SNOMED CT	1010539003	Dulaglutide 9 mg/mL solution for injection
SNOMED CT	1010540001	Dulaglutide-containing product in parenteral dose form
SNOMED CT	1010541002	Dulaglutide only product in parenteral dose form
NDC	545680433	dulaglutide .75mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION [trulicity]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	54568043363	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	54568043371	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	545680434	dulaglutide 1.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION [trulicity]
NDC	54568043463	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	54568043471	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	000021433	dulaglutide .75mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002143301	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	00002143361	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	00002143380	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	000021434	dulaglutide 1.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002143401	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	00002143461	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	00002143480	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	000022236	dulaglutide 3mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002223601	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
NDC	00002223661	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
NDC	00002223680	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
NDC	000023182	dulaglutide 4.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002318201	0.5 ML dulaglutide 9 MG/ML Auto-Injector [Trulicity]
NDC	00002318261	0.5 ML dulaglutide 9 MG/ML Auto-Injector [Trulicity]
NDC	00002318280	0.5 ML dulaglutide 9 MG/ML Auto-Injector [Trulicity]
NDC	500903483	dulaglutide 1.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090348300	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	500903484	dulaglutide .75mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090348400	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	500905467	dulaglutide 3mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090546700	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
RxNorm	1551296	Trulicity
RxNorm	1551298	dulaglutide Prefilled Syringe [Trulicity]
RxNorm	1551297	dulaglutide 1.5 MG/ML [Trulicity]
RxNorm	1551299	Trulicity Injectable Product
RxNorm	1551300	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
RxNorm	1551302	dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
RxNorm	1551305	dulaglutide 3 MG/ML [Trulicity]
RxNorm	1551306	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1551308	dulaglutide 3 MG/ML Auto-Injector [Trulicity]
RxNorm	1649586	dulaglutide Auto-Injector [Trulicity]
RxNorm	2395778	dulaglutide 6 MG/ML [Trulicity]
RxNorm	2395779	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
RxNorm	2395781	dulaglutide 6 MG/ML Auto-Injector [Trulicity]
RxNorm	2395784	dulaglutide 9 MG/ML [Trulicity]
RxNorm	2395785	0.5 ML dulaglutide 9 MG/ML Auto-Injector [Trulicity]
RxNorm	2395787	dulaglutide 9 MG/ML Auto-Injector [Trulicity]
NDC	545680433	dulaglutide .75mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION [trulicity]
NDC	54568043363	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	54568043371	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	545680434	dulaglutide 1.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION [trulicity]
NDC	54568043463	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	54568043471	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	000021433	dulaglutide .75mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002143301	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	00002143361	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	00002143380	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]
NDC	000021434	dulaglutide 1.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002143401	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	00002143461	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	00002143480	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	000022236	dulaglutide 3mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002223601	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
NDC	00002223661	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
NDC	00002223680	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
NDC	000023182	dulaglutide 4.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00002318201	0.5 ML dulaglutide 9 MG/ML Auto-Injector [Trulicity]
NDC	00002318261	0.5 ML dulaglutide 9 MG/ML Auto-Injector [Trulicity]
NDC	00002318280	0.5 ML dulaglutide 9 MG/ML Auto-Injector [Trulicity]
NDC	500903483	dulaglutide 1.5mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090348300	0.5 ML dulaglutide 3 MG/ML Auto-Injector [Trulicity]
NDC	500903484	dulaglutide .75mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090348400	0.5 ML dulaglutide 1.5 MG/ML Auto-Injector [Trulicity]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	500905467	dulaglutide 3mg/.5mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090546700	0.5 ML dulaglutide 6 MG/ML Auto-Injector [Trulicity]
RxNorm	1440051	lixisenatide
RxNorm	1440054	Lixisenatide Injectable Solution
RxNorm	1440055	Lixisenatide 0.1 MG/ML Injectable Solution
RxNorm	1440057	Lixisenatide 0.05 MG/ML Injectable Solution
RxNorm	1440052	lixisenatide 0.1 MG/ML
RxNorm	1440053	lixisenatide Injectable Product
RxNorm	1440056	lixisenatide 0.05 MG/ML
RxNorm	1858991	lixisenatide 0.033 MG/ML
RxNorm	1858992	insulin glargine / lixisenatide Injectable Product
RxNorm	1858993	insulin glargine / lixisenatide Pen Injector
RxNorm	1858994	insulin glargine / lixisenatide
RxNorm	1858995	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector
RxNorm	1858996	Soliqua
RxNorm	1858997	insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML [Soliqua]
RxNorm	1858998	insulin glargine / lixisenatide Pen Injector [Soliqua]
RxNorm	1858999	Soliqua Injectable Product
RxNorm	1859000	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
RxNorm	1859001	insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector
RxNorm	1859002	insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
RxNorm	1803885	lixisenatide Pen Injector
RxNorm	1803886	lixisenatide 0.05 MG/ML Pen Injector
RxNorm	1803887	Adlyxin
RxNorm	1803888	lixisenatide 0.05 MG/ML [Adlyxin]
RxNorm	1803889	lixisenatide Pen Injector [Adlyxin]
RxNorm	1803890	Adlyxin Injectable Product
RxNorm	1803891	lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]
RxNorm	1803892	3 ML lixisenatide 0.05 MG/ML Pen Injector
RxNorm	1803893	3 ML lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]
RxNorm	1803894	3 ML lixisenatide 0.1 MG/ML Pen Injector
RxNorm	1803895	lixisenatide 0.1 MG/ML [Adlyxin]
RxNorm	1803896	3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]
RxNorm	1803897	lixisenatide 0.1 MG/ML Pen Injector
RxNorm	1803898	lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]
RxNorm	1803902	{ 1 (3 ML lixisenatide 0.05 MG/ML Pen Injector) / 1 (3 ML lixisenatide 0.1 MG/ML Pen Injector) } Pack

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1803903	{1 (3 ML lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]) / 1 (3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]) } Pack [Adlyxin Starter Kit]
SNOMED CT	763570007	Lixisenatide-containing product
SNOMED CT	764330009	Lixisenatide-containing product in parenteral dose form
SNOMED CT	708808004	Lixisenatide
SNOMED CT	776560001	Lixisenatide only product
SNOMED CT	779728007	Lixisenatide only product in parenteral dose form
NDC	00024574000	3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]
NDC	00024574101	3 ML lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]
NDC	000245745	lixisenatide KIT
NDC	00024574502	{1 (3 ML lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]) / 1 (3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]) } Pack [Adlyxin Starter Kit]
NDC	000245747	lixisenatide 100ug/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00024574702	3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]
NDC	000245761	insulin glargine and lixisenatide 100U/mL / 33ug/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00024576101	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
NDC	00024576102	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
NDC	00024576105	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
NDC	00024576302	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
RxNorm	1858996	Soliqua
RxNorm	1858997	insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML [Soliqua]
RxNorm	1858998	insulin glargine / lixisenatide Pen Injector [Soliqua]
RxNorm	1858999	Soliqua Injectable Product
RxNorm	1859000	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
RxNorm	1859002	insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
NDC	000245761	insulin glargine and lixisenatide 100U/mL / 33ug/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00024576101	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
NDC	00024576102	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	00024576105	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
NDC	00024576302	3 ML insulin glargine 100 UNT/ML / lixisenatide 0.033 MG/ML Pen Injector [Soliqua]
RxNorm	1803887	Adlyxin
RxNorm	1803888	lixisenatide 0.05 MG/ML [Adlyxin]
RxNorm	1803889	lixisenatide Pen Injector [Adlyxin]
RxNorm	1803890	Adlyxin Injectable Product
RxNorm	1803891	lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]
RxNorm	1803893	3 ML lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]
RxNorm	1803895	lixisenatide 0.1 MG/ML [Adlyxin]
RxNorm	1803896	3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]
RxNorm	1803898	lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]
RxNorm	1803903	{ 1 (3 ML lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]) / 1 (3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]) } Pack [Adlyxin Starter Kit]
NDC	00024574000	3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]
NDC	00024574101	3 ML lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]
NDC	000245745	lixisenatide KIT
NDC	00024574502	{ 1 (3 ML lixisenatide 0.05 MG/ML Pen Injector [Adlyxin]) / 1 (3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]) } Pack [Adlyxin Starter Kit]
NDC	000245747	lixisenatide 100ug/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00024574702	3 ML lixisenatide 0.1 MG/ML Pen Injector [Adlyxin]
RxNorm	475968	liraglutide
RxNorm	1598266	liraglutide Prefilled Syringe [Saxenda]
RxNorm	897125	liraglutide Prefilled Syringe [Victoza]
RxNorm	897121	liraglutide Prefilled Syringe
RxNorm	897120	liraglutide 6 MG/ML
RxNorm	897122	3 ML liraglutide 6 MG/ML Pen Injector
RxNorm	897123	Victoza
RxNorm	897124	liraglutide 6 MG/ML [Victoza]
RxNorm	897126	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
RxNorm	1186578	Victoza Injectable Product
RxNorm	1163230	liraglutide Injectable Product
RxNorm	1360105	liraglutide 6 MG/ML Pen Injector
RxNorm	1360495	liraglutide 6 MG/ML Pen Injector [Victoza]
RxNorm	1598264	Saxenda
RxNorm	1598265	liraglutide 6 MG/ML [Saxenda]
RxNorm	1598267	Saxenda Injectable Product
RxNorm	1598268	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
RxNorm	1598269	liraglutide 6 MG/ML Pen Injector [Saxenda]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1653594	liraglutide Pen Injector
RxNorm	1653597	liraglutide Pen Injector [Victoza]
RxNorm	1653600	liraglutide Pen Injector [Saxenda]
RxNorm	1727493	insulin degludec / liraglutide
RxNorm	1860164	liraglutide 3.6 MG/ML
RxNorm	1860165	insulin degludec / liraglutide Injectable Product
RxNorm	1860166	insulin degludec / liraglutide Pen Injector
RxNorm	1860167	3 ML insulin degludec 100 UNT/ML / liraglutide 3.6 MG/ML Pen Injector
RxNorm	1860168	Xultophy
RxNorm	1860169	insulin degludec 100 UNT/ML / liraglutide 3.6 MG/ML [Xultophy]
RxNorm	1860170	insulin degludec / liraglutide Pen Injector [Xultophy]
RxNorm	1860171	Xultophy Injectable Product
RxNorm	1860172	3 ML insulin degludec 100 UNT/ML / liraglutide 3.6 MG/ML Pen Injector [Xultophy]
RxNorm	1860173	insulin degludec 100 UNT/ML / liraglutide 3.6 MG/ML Pen Injector
RxNorm	1860174	insulin degludec 100 UNT/ML / liraglutide 3.6 MG/ML Pen Injector [Xultophy]
NDC	54569650700	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	001692800	liraglutide 6mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169280013	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	00169280015	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	00169280090	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	00169280097	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	001692911	(insulin degludec and liraglutide) 3.6mg/mL / 100[iU]/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169291115	3 ML insulin degludec 100 UNT/ML / liraglutide 3.6 MG/ML Pen Injector [Xultophy]
NDC	00169291190	3 ML insulin degludec 100 UNT/ML / liraglutide 3.6 MG/ML Pen Injector [Xultophy]
NDC	00169291197	3 ML insulin degludec 100 UNT/ML / liraglutide 3.6 MG/ML Pen Injector [Xultophy]
NDC	001694060	liraglutide 6mg/mL SUBCUTANEOUS INJECTION
NDC	00169406012	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406013	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406090	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406097	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406098	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406099	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	500902853	liraglutide 6mg/mL SUBCUTANEOUS INJECTION

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	50090285300	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	500904257	liraglutide 6mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090425700	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	500904503	liraglutide 6mg/mL SUBCUTANEOUS INJECTION
NDC	50090450300	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
RxNorm	897123	Victoza
RxNorm	897125	liraglutide Prefilled Syringe [Victoza]
RxNorm	1186578	Victoza Injectable Product
RxNorm	1360495	liraglutide 6 MG/ML Pen Injector [Victoza]
RxNorm	1653597	liraglutide Pen Injector [Victoza]
RxNorm	897124	liraglutide 6 MG/ML [Victoza]
RxNorm	897126	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	54569650700	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	001694060	liraglutide 6mg/mL SUBCUTANEOUS INJECTION
NDC	00169406012	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406013	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406090	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406097	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406098	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	00169406099	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	500902853	liraglutide 6mg/mL SUBCUTANEOUS INJECTION
NDC	50090285300	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
NDC	500904503	liraglutide 6mg/mL SUBCUTANEOUS INJECTION
NDC	50090450300	3 ML liraglutide 6 MG/ML Pen Injector [Victoza]
RxNorm	1598264	Saxenda
RxNorm	1598266	liraglutide Prefilled Syringe [Saxenda]
RxNorm	1598265	liraglutide 6 MG/ML [Saxenda]
RxNorm	1598267	Saxenda Injectable Product
RxNorm	1598268	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
RxNorm	1598269	liraglutide 6 MG/ML Pen Injector [Saxenda]
RxNorm	1653600	liraglutide Pen Injector [Saxenda]
NDC	001692800	liraglutide 6mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	00169280013	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	00169280015	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	00169280090	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	00169280097	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
NDC	500904257	liraglutide 6mg/mL SUBCUTANEOUS INJECTION, SOLUTION
NDC	50090425700	3 ML liraglutide 6 MG/ML Pen Injector [Saxenda]
RxNorm	60548	exenatide
RxNorm	1242962	exenatide Injectable Suspension

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1544917	exenatide Prefilled Syringe [Bydureon]
RxNorm	604750	exenatide 0.250 MG/ML Injectable Solution
RxNorm	604749	exenatide Injectable Solution
RxNorm	604752	exenatide 0.250 MG/ML [Byetta]
RxNorm	604748	exenatide 0.250 MG/ML
RxNorm	604753	exenatide Injectable Solution [Byetta]
RxNorm	604754	exenatide 0.250 MG/ML Injectable Solution [Byetta]
RxNorm	847909	exenatide Prefilled Syringe
RxNorm	847912	exenatide Prefilled Syringe [Byetta]
RxNorm	1163790	exenatide Injectable Product
RxNorm	1169415	Byetta Injectable Product
RxNorm	1242961	exenatide 3.08 MG/ML
RxNorm	1242963	exenatide 2 MG Injection
RxNorm	1242964	Bydureon
RxNorm	1242965	exenatide 3.08 MG/ML [Bydureon]
RxNorm	1242967	Bydureon Injectable Product
RxNorm	1242968	exenatide 2 MG Injection [Bydureon]
RxNorm	1359802	exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
RxNorm	1359979	exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
RxNorm	1360454	exenatide 0.01 MG/ACTUAT Pen Injector
RxNorm	1359640	exenatide 0.005 MG/ACTUAT Pen Injector
RxNorm	1544919	exenatide 3.08 MG/ML Pen Injector
RxNorm	1544920	exenatide 3.08 MG/ML Pen Injector [Bydureon]
RxNorm	1544916	0.65 ML exenatide 3.08 MG/ML Pen Injector
RxNorm	1544918	0.65 ML exenatide 3.08 MG/ML Pen Injector [Bydureon]
RxNorm	1653610	exenatide 2 MG
RxNorm	1653611	exenatide Injection
RxNorm	1653613	exenatide 2 MG [Bydureon]
RxNorm	1653614	exenatide Injection [Bydureon]
RxNorm	1653616	exenatide Pen Injector
RxNorm	1653619	exenatide Pen Injector [Bydureon]
RxNorm	1653625	exenatide Pen Injector [Byetta]
RxNorm	1990864	exenatide 2.35 MG/ML
RxNorm	1990865	exenatide Auto-Injector
RxNorm	1990866	0.85 ML exenatide 2.35 MG/ML Auto-Injector
RxNorm	1990867	exenatide 2.35 MG/ML [Bydureon]
RxNorm	1990868	exenatide Auto-Injector [Bydureon]
RxNorm	1990869	0.85 ML exenatide 2.35 MG/ML Auto-Injector [Bydureon]
RxNorm	1990870	exenatide 2.35 MG/ML Auto-Injector
RxNorm	1990871	exenatide 2.35 MG/ML Auto-Injector [Bydureon]
RxNorm	847908	exenatide 0.01 MG/ACTUAT
RxNorm	847910	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector
RxNorm	847911	exenatide 0.01 MG/ACTUAT [Byetta]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	847913	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
RxNorm	847914	exenatide 0.005 MG/ACTUAT
RxNorm	847915	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector
RxNorm	847916	exenatide 0.005 MG/ACTUAT [Byetta]
RxNorm	847917	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
RxNorm	744863	exenatide 0.25 MG/ML Injectable Solution
RxNorm	744862	exenatide 0.25 MG/ML
RxNorm	744864	exenatide 0.25 MG/ML [Byetta]
RxNorm	744865	exenatide 0.25 MG/ML Injectable Solution [Byetta]
RxNorm	1242966	exenatide Injectable Suspension [Bydureon]
RxNorm	604751	Byetta
SNOMED CT	416525003	Exenatide 250mcg/mL injection solution pre-filled pen
SNOMED CT	416859008	Exenatide
SNOMED CT	417734003	Exenatide-containing product
SNOMED CT	438958002	Exenatide 250micrograms/mL injection solution 2.4mL pre-filled pen
SNOMED CT	440246006	Exenatide 250micrograms/mL injection solution 1.2mL pre-filled pen
SNOMED CT	775913009	Exenatide only product
SNOMED CT	1155637009	Exenatide 250 microgram/mL solution for injection
SNOMED CT	1155638004	Exenatide-containing product in parenteral dose form
SNOMED CT	1155639007	Exenatide only product in parenteral dose form
SNOMED CT	1237218000	Exenatide 2 mg powder for prolonged-release suspension for injection vial
NDC	003106512	exenatide 250ug/mL SUBCUTANEOUS INJECTION
NDC	00310651201	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	00310651285	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	003106520	exenatide KIT
NDC	00310652004	exenatide 2 MG Injection [Bydureon]
NDC	003106524	exenatide 250ug/mL SUBCUTANEOUS INJECTION
NDC	00310652401	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
NDC	003106530	exenatide 2mg/.65mL SUBCUTANEOUS INJECTION, SUSPENSION, EXTENDED RELEASE
NDC	00310653001	0.65 ML exenatide 3.08 MG/ML Pen Injector [Bydureon]
NDC	00310653004	0.65 ML exenatide 3.08 MG/ML Pen Injector [Bydureon]
NDC	00310653085	0.65 ML exenatide 3.08 MG/ML Pen Injector [Bydureon]
NDC	003106540	exenatide 2mg/.85mL SUBCUTANEOUS INJECTION, SUSPENSION, EXTENDED RELEASE

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	00310654001	0.85 ML exenatide 2.35 MG/ML Auto-Injector [Bydureon]
NDC	00310654004	0.85 ML exenatide 2.35 MG/ML Auto-Injector [Bydureon]
NDC	00310654085	0.85 ML exenatide 2.35 MG/ML Auto-Injector [Bydureon]
NDC	548685384	exenatide 250ug/mL SUBCUTANEOUS INJECTION
NDC	54868538400	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	54868538401	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
NDC	54868538402	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	68258894701	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	68258894802	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	00002021007	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	00002021008	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	00002021009	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	66029021007	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	66029021008	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	667800210	exenatide 250ug/mL SUBCUTANEOUS INJECTION [byetta]
NDC	66780021007	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	66780021008	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	66780021009	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	667800212	exenatide 250ug/mL SUBCUTANEOUS INJECTION [byetta]
NDC	66780021201	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
NDC	667800219	exenatide KIT [bydureon]
NDC	66780021902	exenatide 2 MG Injection [Bydureon]
NDC	66780021904	exenatide 2 MG Injection [Bydureon]
NDC	667800226	exenatide KIT [bydureon]
NDC	66780022601	exenatide 2 MG Injection [Bydureon]
NDC	66914103504	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	66914103505	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]
RxNorm	1242964	Bydureon
RxNorm	1544917	exenatide Prefilled Syringe [Bydureon]
RxNorm	1242965	exenatide 3.08 MG/ML [Bydureon]
RxNorm	1242967	Bydureon Injectable Product
RxNorm	1242968	exenatide 2 MG Injection [Bydureon]
RxNorm	1544920	exenatide 3.08 MG/ML Pen Injector [Bydureon]
RxNorm	1544918	0.65 ML exenatide 3.08 MG/ML Pen Injector [Bydureon]
RxNorm	1653613	exenatide 2 MG [Bydureon]
RxNorm	1653614	exenatide Injection [Bydureon]
RxNorm	1653619	exenatide Pen Injector [Bydureon]
RxNorm	1990867	exenatide 2.35 MG/ML [Bydureon]
RxNorm	1990868	exenatide Auto-Injector [Bydureon]
RxNorm	1990869	0.85 ML exenatide 2.35 MG/ML Auto-Injector [Bydureon]
RxNorm	1990871	exenatide 2.35 MG/ML Auto-Injector [Bydureon]
RxNorm	1242966	exenatide Injectable Suspension [Bydureon]
NDC	003106520	exenatide KIT
NDC	00310652004	exenatide 2 MG Injection [Bydureon]
NDC	003106530	exenatide 2mg/.65mL SUBCUTANEOUS INJECTION, SUSPENSION, EXTENDED RELEASE
NDC	00310653001	0.65 ML exenatide 3.08 MG/ML Pen Injector [Bydureon]
NDC	00310653004	0.65 ML exenatide 3.08 MG/ML Pen Injector [Bydureon]
NDC	00310653085	0.65 ML exenatide 3.08 MG/ML Pen Injector [Bydureon]
NDC	003106540	exenatide 2mg/.85mL SUBCUTANEOUS INJECTION, SUSPENSION, EXTENDED RELEASE
NDC	00310654001	0.85 ML exenatide 2.35 MG/ML Auto-Injector [Bydureon]
NDC	00310654004	0.85 ML exenatide 2.35 MG/ML Auto-Injector [Bydureon]
NDC	00310654085	0.85 ML exenatide 2.35 MG/ML Auto-Injector [Bydureon]
NDC	667800219	exenatide KIT [bydureon]
NDC	66780021902	exenatide 2 MG Injection [Bydureon]
NDC	66780021904	exenatide 2 MG Injection [Bydureon]
NDC	667800226	exenatide KIT [bydureon]
NDC	66780022601	exenatide 2 MG Injection [Bydureon]
RxNorm	604751	Byetta
RxNorm	604753	exenatide Injectable Solution [Byetta]
RxNorm	604754	exenatide 0.250 MG/ML Injectable Solution [Byetta]
RxNorm	847912	exenatide Prefilled Syringe [Byetta]
RxNorm	1169415	Byetta Injectable Product
RxNorm	1359802	exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
RxNorm	1359979	exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
RxNorm	1653625	exenatide Pen Injector [Byetta]
RxNorm	847911	exenatide 0.01 MG/ACTUAT [Byetta]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	847913	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
RxNorm	847916	exenatide 0.005 MG/ACTUAT [Byetta]
RxNorm	847917	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
RxNorm	744864	exenatide 0.25 MG/ML [Byetta]
RxNorm	744865	exenatide 0.25 MG/ML Injectable Solution [Byetta]
NDC	003106512	exenatide 250ug/mL SUBCUTANEOUS INJECTION
NDC	00310651201	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	00310651285	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	003106524	exenatide 250ug/mL SUBCUTANEOUS INJECTION
NDC	00310652401	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
NDC	548685384	exenatide 250ug/mL SUBCUTANEOUS INJECTION
NDC	54868538400	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	54868538401	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
NDC	54868538402	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	68258894701	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	68258894802	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	00002021007	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	00002021008	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	00002021009	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	66029021007	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	66029021008	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	667800210	exenatide 250ug/mL SUBCUTANEOUS INJECTION [byetta]
NDC	66780021007	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	66780021008	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]

Continued on next page

Table1 – continued from previous page

CodeSystem	ConceptCode	ConceptName
NDC	66780021009	60 ACTUAT exenatide 0.005 MG/ACTUAT Pen Injector [Byetta]
NDC	667800212	exenatide 250ug/mL SUBCUTANEOUS INJECTION [byetta]
NDC	66780021201	60 ACTUAT exenatide 0.01 MG/ACTUAT Pen Injector [Byetta]
NDC	66914103504	60 ACTUAT exenatide 0.005 MG/ACTUAT Prefilled Syringe [Byetta]
NDC	66914103505	60 ACTUAT exenatide 0.01 MG/ACTUAT Prefilled Syringe [Byetta]

1.2 Obesity

Table 2: Concept codes used to identify obesity conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	E66.01	Morbid (severe) obesity due to excess calories
ICD10CM	E66.09	Other obesity due to excess calories
ICD10CM	E66.1	Drug-induced obesity
ICD10CM	E66.2	Morbid (severe) obesity with alveolar hypoventilation
ICD10CM	E66.3	Overweight
ICD10CM	E66.8	Other obesity
ICD10CM	E66.9	Obesity, unspecified
ICD10CM	Z68.30	Body mass index (BMI) 30.0-30.9, adult
ICD10CM	Z68.31	Body mass index (BMI) 31.0-31.9, adult
ICD10CM	Z68.32	Body mass index (BMI) 32.0-32.9, adult
ICD10CM	Z68.33	Body mass index (BMI) 33.0-33.9, adult
ICD10CM	Z68.34	Body mass index (BMI) 34.0-34.9, adult
ICD10CM	Z68.35	Body mass index (BMI) 35.0-35.9, adult
ICD10CM	Z68.36	Body mass index (BMI) 36.0-36.9, adult
ICD10CM	Z68.37	Body mass index (BMI) 37.0-37.9, adult
ICD10CM	Z68.38	Body mass index (BMI) 38.0-38.9, adult
ICD10CM	Z68.39	Body mass index (BMI) 39.0-39.9, adult
ICD10CM	Z68.41	Body mass index (BMI) 40.0-44.9, adult
ICD10CM	Z68.42	Body mass index (BMI) 45.0-49.9, adult
ICD10CM	Z68.43	Body mass index (BMI) 50.0-59.9, adult
ICD10CM	Z68.44	Body mass index (BMI) 60.0-69.9, adult
ICD10CM	Z68.45	Body mass index (BMI) 70 or greater, adult
SNOMED CT	83911000119104	Severe obesity
SNOMED CT	190965006	Drug-induced obesity
SNOMED CT	190966007	Extreme obesity with alveolar hypoventilation

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Table2 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	162864005	Body mass index 30+ - obesity
SNOMED CT	238131007	Overweight
SNOMED CT	238136002	Morbid obesity
SNOMED CT	408512008	Body mass index 40+ - severely obese
SNOMED CT	414915002	Obese
SNOMED CT	414916001	Obesity
SNOMED CT	415530009	Simple obesity
SNOMED CT	1187531009	Obesity due to pituitary disease
SNOMED CT	5036006	Hypogonadal obesity
SNOMED CT	1229946007	MAGEL2-related Prader-Willi-like syndrome
SNOMED CT	1208987006	PHIP-related behavioral problems, intellectual disability, obesity, dysmorphic features syndrome
SNOMED CT	1229943004	SIM1-related Prader-Willi-like syndrome
SNOMED CT	763350002	Intellectual disability, obesity, brain malformation, facial dysmorphism syndrome
SNOMED CT	770680004	Prader-Willi-like syndrome
SNOMED CT	770750002	Intellectual disability, seizures, macrocephaly, obesity syndrome
SNOMED CT	773663004	Rapid-onset childhood obesity, hypothalamic dysfunction, hypoventilation, autonomic dysregulation syndrome
SNOMED CT	774102003	Intellectual disability, obesity, prognathism, eye and skin anomalies syndrome
SNOMED CT	776204008	Colobomatous microphthalmia, obesity, hypogonadism, intellectual disability syndrome
SNOMED CT	783549006	Obesity due to CEP19 deficiency
SNOMED CT	783556000	Severe early-onset obesity insulin resistance syndrome due to SH2B1 deficiency
SNOMED CT	783719006	Obesity due to SIM1 deficiency
SNOMED CT	785722006	Obesity due to leptin receptor gene deficiency
SNOMED CT	788996008	Obesity in adolescence
SNOMED CT	819948005	Obese class III
SNOMED CT	171000119107	Maternal obesity complicating pregnancy, childbirth and the puerperium, antepartum
SNOMED CT	443371000124107	Obese class I
SNOMED CT	443381000124105	Obese class II
SNOMED CT	461341000124106	Lower body obesity
SNOMED CT	1076701000119104	Hypertrophy of fat pad of right knee
SNOMED CT	1076711000119101	Hypertrophy of fat pad of left knee
SNOMED CT	10750551000119100	Obesity in mother complicating childbirth
SNOMED CT	15750121000119108	Severe obesity complicating pregnancy
SNOMED CT	722037004	Intellectual disability, epileptic seizures, hypogonadism and hypogonadism, microcephaly, obesity syndrome
SNOMED CT	162690006	O/E - obese

Continued on next page

Table2 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	162863004	Body mass index 25-29 - overweight
SNOMED CT	238132000	Android obesity
SNOMED CT	238133005	Gynecoid obesity
SNOMED CT	238134004	Generalized obesity
SNOMED CT	238135003	Fat pad syndrome
SNOMED CT	248311001	Central obesity
SNOMED CT	248312008	Peripheral obesity
SNOMED CT	360566006	Buffalo obesity
SNOMED CT	414438005	Hyperplastic obesity
SNOMED CT	414917005	Obesity by adipocyte growth pattern
SNOMED CT	414918000	Obesity by age of onset
SNOMED CT	414919008	Obesity by contributing factors
SNOMED CT	414920002	Obesity by fat distribution pattern
SNOMED CT	44772007	Maternal obesity syndrome
SNOMED CT	53146006	Hypothyroid obesity
SNOMED CT	57337005	Steatopygia
SNOMED CT	62999006	Adiposogenital dystrophy
SNOMED CT	63702009	Alstrom syndrome
SNOMED CT	72894001	Hypertrophy of fat pad of knee
SNOMED CT	80660001	Mauriac's syndrome
SNOMED CT	444862003	Childhood obesity
SNOMED CT	450451007	Overweight in childhood
SNOMED CT	700150001	Congenital leptin deficiency
SNOMED CT	702949005	Proopiomelanocortin deficiency syndrome
SNOMED CT	715628009	MORM syndrome
SNOMED CT	717269008	Obesity due to melanocortin 4 receptor deficiency
SNOMED CT	717761005	Choroideremia with deafness and obesity syndrome
SNOMED CT	719160009	Syndromic X-linked intellectual disability type 7
SNOMED CT	719834005	Wilson Turner syndrome
SNOMED CT	721231007	Hydrocephalus with obesity and hypogonadism syndrome
SNOMED CT	722051004	Obesity, colitis, hypothyroidism, cardiac hypertrophy, developmental delay syndrome
SNOMED CT	722053001	Obesity due to prohormone convertase I deficiency
SNOMED CT	722595002	Overweight in adulthood with body mass index of 25 or more but less than 30
SNOMED CT	722596001	Obesity caused by energy imbalance
SNOMED CT	724137002	MOMO syndrome
SNOMED CT	268915006	O/E - weight 10-20% over ideal
SNOMED CT	268916007	O/E - weight greater than 20% over ideal
SNOMED CT	270486005	Localized adiposity
SNOMED CT	275947003	O/E - overweight
SNOMED CT	290439001	Familial obesity
SNOMED CT	292464007	Constitutional obesity

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Table2 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	293481008	Hyperplastic-hypertrophic obesity
SNOMED CT	294493008	Lifelong obesity
SNOMED CT	295509007	Hypertrophic obesity
SNOMED CT	296526005	Adult-onset obesity
SNOMED CT	297500005	Endogenous obesity
SNOMED CT	298464002	Obesity of endocrine origin
SNOMED CT	1003380001	6q16 microdeletion syndrome
SNOMED CT	1255335006	X-linked intellectual disability, short stature, overweight syndrome
SNOMED CT	82793005	Hypothalamic obesity
SNOMED CT	111036000	Hyperinsular obesity
SNOMED CT	1260134001	Spastic paraplegia, intellectual disability, nystagmus, obesity syndrome
SNOMED CT	1260139006	Genetic non-syndromic obesity

1.3 Overweight

Table 3: Concept codes used to identify overweight conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	E66.3	Overweight
ICD10CM	Z68.27	Body mass index (BMI) 27.0-27.9, adult
ICD10CM	Z68.28	Body mass index (BMI) 28.0-28.9, adult
ICD10CM	Z68.29	Body mass index (BMI) 29.0-29.9, adult
SNOMED CT	238131007	Overweight
SNOMED CT	162863004	Body mass index 25-29 - overweight
SNOMED CT	722595002	Overweight in adulthood with body mass index of 25 or more but less than 30
SNOMED CT	450451007	Overweight in childhood
SNOMED CT	268915006	O/E - weight 10-20% over ideal
SNOMED CT	268916007	O/E - weight greater than 20% over ideal
SNOMED CT	275947003	O/E - overweight

1.4 Comorbidities

1.4.1 Asthma

Table 4: Concept codes used to identify asthma conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	J45	Asthma
ICD10CM	J45.2	Mild intermittent asthma
ICD10CM	J45.20	Mild intermittent asthma, uncomplicated
ICD10CM	J45.21	Mild intermittent asthma with (acute) exacerbation
ICD10CM	J45.22	Mild intermittent asthma with status asthmaticus
ICD10CM	J45.3	Mild persistent asthma
ICD10CM	J45.30	Mild persistent asthma, uncomplicated
ICD10CM	J45.31	Mild persistent asthma with (acute) exacerbation
ICD10CM	J45.32	Mild persistent asthma with status asthmaticus
ICD10CM	J45.4	Moderate persistent asthma
ICD10CM	J45.40	Moderate persistent asthma, uncomplicated
ICD10CM	J45.41	Moderate persistent asthma with (acute) exacerbation
ICD10CM	J45.42	Moderate persistent asthma with status asthmaticus
ICD10CM	J45.5	Severe persistent asthma
ICD10CM	J45.50	Severe persistent asthma, uncomplicated
ICD10CM	J45.51	Severe persistent asthma with (acute) exacerbation
ICD10CM	J45.52	Severe persistent asthma with status asthmaticus
ICD10CM	J45.9	Other and unspecified asthma
ICD10CM	J45.90	Unspecified asthma
ICD10CM	J45.901	Unspecified asthma with (acute) exacerbation
ICD10CM	J45.902	Unspecified asthma with status asthmaticus
ICD10CM	J45.909	Unspecified asthma, uncomplicated
ICD10CM	J45.99	Other asthma
ICD10CM	J45.990	Exercise induced bronchospasm
ICD10CM	J45.991	Cough variant asthma
ICD10CM	J45.998	Other asthma
SNOMED CT	1751000119100	Acute exacerbation of chronic obstructive airways disease with asthma
SNOMED CT	99031000119107	Acute exacerbation of asthma co-occurrent with allergic rhinitis
SNOMED CT	124991000119109	Severe persistent asthma co-occurrent with allergic rhinitis
SNOMED CT	125001000119103	Moderate persistent asthma co-occurrent with allergic rhinitis
SNOMED CT	10674711000119105	Acute severe exacerbation of asthma co-occurrent with allergic rhinitis
SNOMED CT	10675431000119106	Severe persistent allergic asthma
SNOMED CT	10675471000119109	Acute severe exacerbation of severe persistent allergic asthma
SNOMED CT	10675551000119104	Acute severe exacerbation of severe persistent asthma co-occurrent with allergic rhinitis
SNOMED CT	10675911000119109	Acute severe exacerbation of mild persistent allergic asthma

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Table4 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	10675991000119100	Acute severe exacerbation of mild persistent allergic asthma co-occurrent with allergic rhinitis
SNOMED CT	10676391000119108	Moderate persistent allergic asthma
SNOMED CT	10676431000119103	Acute severe exacerbation of moderate persistent allergic asthma
SNOMED CT	10676511000119109	Acute severe exacerbation of moderate persistent asthma co-occurrent with allergic rhinitis
SNOMED CT	10692721000119102	Chronic obstructive asthma co-occurrent with acute exacerbation of asthma
SNOMED CT	370219009	Moderate asthma
SNOMED CT	370221004	Severe asthma
SNOMED CT	426656000	Severe persistent asthma
SNOMED CT	427295004	Moderate persistent asthma
SNOMED CT	442025000	Acute exacerbation of chronic asthmatic bronchitis
SNOMED CT	707446004	Exacerbation of moderate persistent asthma
SNOMED CT	707447008	Exacerbation of severe persistent asthma
SNOMED CT	707512002	Uncomplicated moderate persistent asthma
SNOMED CT	707513007	Uncomplicated severe persistent asthma
SNOMED CT	707979007	Acute severe exacerbation of severe persistent asthma
SNOMED CT	707980005	Acute severe exacerbation of moderate persistent asthma
SNOMED CT	707981009	Acute severe exacerbation of mild persistent asthma
SNOMED CT	708090002	Acute severe exacerbation of asthma
SNOMED CT	708093000	Acute exacerbation of allergic asthma
SNOMED CT	708094006	Acute exacerbation of intrinsic asthma
SNOMED CT	708095007	Acute severe exacerbation of immunoglobulin E-mediated allergic asthma
SNOMED CT	708096008	Acute severe exacerbation of intrinsic asthma
SNOMED CT	733858005	Acute severe refractory exacerbation of asthma
SNOMED CT	734904007	Life threatening acute exacerbation of asthma
SNOMED CT	782513000	Acute severe exacerbation of allergic asthma
SNOMED CT	786836003	Near fatal asthma
SNOMED CT	829976001	Thunderstorm asthma
SNOMED CT	135171000119106	Acute exacerbation of moderate persistent asthma
SNOMED CT	10675391000119101	Severe controlled persistent asthma
SNOMED CT	10675751000119107	Severe uncontrolled persistent asthma
SNOMED CT	10676271000119104	Acute exacerbation of moderate persistent allergic asthma

1.4.2 Atrial Fibrillation

Table 5: Concept codes used to identify atrial fibrillation flutter conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	I48.0	Paroxysmal atrial fibrillation
ICD10CM	I48.11	Longstanding persistent atrial fibrillation
ICD10CM	I48.19	Other persistent atrial fibrillation
ICD10CM	I48.20	Chronic atrial fibrillation, unspecified
ICD10CM	I48.21	Permanent atrial fibrillation
ICD10CM	I48.3	Typical atrial flutter
ICD10CM	I48.4	Atypical atrial flutter
ICD10CM	I48.91	Unspecified atrial fibrillation
ICD10CM	I48.92	Unspecified atrial flutter
ICD9CM	427.31	Atrial fibrillation
ICD9CM	427.32	Atrial flutter
SNOMED CT	5370000	Atrial flutter
SNOMED CT	120041000119109	Atrial fibrillation with rapid ventricular response
SNOMED CT	15964901000119107	Atypical atrial flutter
SNOMED CT	195080001	Atrial fibrillation and flutter
SNOMED CT	233910005	Lone atrial fibrillation
SNOMED CT	233911009	Non-rheumatic atrial fibrillation
SNOMED CT	314208002	Rapid atrial fibrillation
SNOMED CT	425615007	Chronic atrial flutter
SNOMED CT	426749004	Chronic atrial fibrillation
SNOMED CT	426814001	Transient cerebral ischemia due to atrial fibrillation
SNOMED CT	49436004	Atrial fibrillation
SNOMED CT	427665004	Paroxysmal atrial flutter
SNOMED CT	440028005	Permanent atrial fibrillation
SNOMED CT	440059007	Persistent atrial fibrillation
SNOMED CT	706923002	Longstanding persistent atrial fibrillation
SNOMED CT	715395008	Familial atrial fibrillation
SNOMED CT	720448006	Typical atrial flutter
SNOMED CT	282825002	Paroxysmal atrial fibrillation
SNOMED CT	300996004	Controlled atrial fibrillation
SNOMED CT	762247006	Preexcited atrial fibrillation
SNOMED CT	280797561000119107	Permanent atrial fibrillation due to heart valve disorder
SNOMED CT	313377641000119105	Atrial fibrillation due to heart valve disorder
SNOMED CT	467643831000119105	Paroxysmal atrial fibrillation due to heart valve disorder
SNOMED CT	489609371000119104	Persistent atrial fibrillation due to heart valve disorder
SNOMED CT	715560009	Idiopathic neonatal atrial flutter
SNOMED CT	1010405004	Paroxysmal atrial fibrillation with rapid ventricular response

1.4.3 Bariatric Surgery

Table 6: Concept codes used to identify bariatric surgery.

CodeSystem	ConceptCode	ConceptName
ICD10CM	Z98.84	Bariatric surgery status
SNOMED CT	329281000119107	History of sleeve gastrectomy
SNOMED CT	427074001	Laparoscopic sleeve gastrectomy
SNOMED CT	430715008	Bariatric operative procedure
SNOMED CT	442338001	Bypass of stomach
SNOMED CT	608848006	History of bariatric surgical procedure
SNOMED CT	18692006	Bypass gastroenterostomy
SNOMED CT	30803004	Printen and Mason operation, high gastric bypass
SNOMED CT	1264335004	Endoscopic ultrasonography guided gastrojejunostomy and insertion of stent
SNOMED CT	1172524007	Primary obesity surgery endoluminal 2
SNOMED CT	173587003	Bypass of esophagus using stomach
SNOMED CT	173748000	Bypass of stomach by anastomosis of stomach to transposed jejunum
SNOMED CT	173750008	Conversion to anastomosis of stomach to transposed jejunum
SNOMED CT	173751007	Conversion from previous anastomosis of stomach to transposed jejunum
SNOMED CT	173857001	Bypass of duodenum by anastomosis of stomach to jejunum
SNOMED CT	235281005	Anterior gastrojejunostomy
SNOMED CT	235282003	Anastomosis of stomach to ileum
SNOMED CT	870378000	Endoscopic sleeve gastropasty
SNOMED CT	173747005	Connection of stomach to transposed jejunum
SNOMED CT	433024005	Gastrojejunostomy using fluoroscopic guidance
SNOMED CT	443906008	Bypass of stomach with short limb Roux-en-Y gastroenterostomy
SNOMED CT	708629005	Laparoscopic bypass gastrojejunostomy
SNOMED CT	708983005	Laparoscopic bypass of stomach
SNOMED CT	314593003	Posterior gastrojejunostomy
SNOMED CT	358575006	Gastroduodenostomy
SNOMED CT	359529008	Jaboulay operation, gastroduodenostomy
SNOMED CT	265365007	Bypass of stomach by anastomosis of stomach to duodenum
SNOMED CT	287834004	Gastroenterostomy - no gastrectomy
SNOMED CT	45753003	Cholecystenterostomy with gastroenterostomy
SNOMED CT	49245001	Bypass gastrojejunostomy
SNOMED CT	57245002	Pylorostomy
ICD9CM	V45.86	Bariatric surgery status

1.4.4 Chronic Kidney Disease

Table 7: Concept codes used to identify chronic kidney disease conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	D63.1	Anemia in chronic kidney disease
ICD10CM	E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease
ICD10CM	E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease
ICD10CM	E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease
ICD10CM	I12	Hypertensive chronic kidney disease
ICD10CM	I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease
ICD10CM	I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
ICD10CM	I13	Hypertensive heart and chronic kidney disease
ICD10CM	I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
ICD10CM	I13.1	Hypertensive heart and chronic kidney disease without heart failure
ICD10CM	I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
ICD10CM	I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease
ICD10CM	I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
ICD10CM	N18.30	Chronic kidney disease, stage 3 unspecified
ICD10CM	N18.31	Chronic kidney disease, stage 3a
ICD10CM	N18.32	Chronic kidney disease, stage 3b
ICD10CM	N18	Chronic kidney disease (CKD)
ICD10CM	N18.1	Chronic kidney disease, stage 1
ICD10CM	N18.2	Chronic kidney disease, stage 2 (mild)
ICD10CM	N18.3	Chronic kidney disease, stage 3 (moderate)
ICD10CM	N18.4	Chronic kidney disease, stage 4 (severe)
ICD10CM	N18.5	Chronic kidney disease, stage 5
ICD10CM	N18.6	End stage renal disease
ICD10CM	N18.9	Chronic kidney disease, unspecified
ICD10CM	O10.211	Pre-existing hypertensive chronic kidney disease complicating pregnancy, first trimester

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Table7 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	O10.212	Pre-existing hypertensive chronic kidney disease complicating pregnancy, second trimester
ICD10CM	O10.213	Pre-existing hypertensive chronic kidney disease complicating pregnancy, third trimester
ICD10CM	O10.219	Pre-existing hypertensive chronic kidney disease complicating pregnancy, unspecified trimester
ICD10CM	O10.22	Pre-existing hypertensive chronic kidney disease complicating childbirth
ICD10CM	O10.31	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy
ICD10CM	O10.311	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, first trimester
ICD10CM	O10.312	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, second trimester
ICD10CM	O10.313	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, third trimester
ICD10CM	O10.319	Pre-existing hypertensive heart and chronic kidney disease complicating pregnancy, unspecified trimester
ICD10CM	O10.32	Pre-existing hypertensive heart and chronic kidney disease complicating childbirth
ICD10CM	O10.33	Pre-existing hypertensive heart and chronic kidney disease complicating the puerperium
ICD10CM	Q61.2	Polycystic kidney, adult type
ICD10CM	Q61.3	Polycystic kidney, unspecified
ICD10CM	Q61.8	Other cystic kidney diseases
ICD10CM	Z94.0	Kidney transplant status
SNOMED CT	709044004	Chronic kidney disease
SNOMED CT	16726004	Renal osteodystrophy
SNOMED CT	1208934006	Saglikler syndrome
SNOMED CT	776416004	Hyperuricemia, pulmonary hypertension, renal failure, alkalosis syndrome
SNOMED CT	711000119100	Chronic kidney disease stage 5 due to type 2 diabetes mellitus
SNOMED CT	721000119107	Chronic kidney disease stage 4 due to type 2 diabetes mellitus
SNOMED CT	731000119105	Chronic kidney disease stage 3 due to type 2 diabetes mellitus
SNOMED CT	741000119101	Chronic kidney disease stage 2 due to type 2 diabetes mellitus
SNOMED CT	751000119104	Chronic kidney disease stage 1 due to type 2 diabetes mellitus
SNOMED CT	771000119108	Chronic kidney disease due to type 2 diabetes mellitus

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Table7 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	1801000119106	Anemia, pre-end stage renal disease on erythropoietin protocol
SNOMED CT	8501000119104	Hypertensive heart and chronic kidney disease
SNOMED CT	71421000119105	Hypertension in chronic kidney disease due to type 2 diabetes mellitus
SNOMED CT	71701000119105	Hypertension in chronic kidney disease due to type 1 diabetes mellitus
SNOMED CT	90721000119101	Chronic kidney disease stage 1 due to type 1 diabetes mellitus
SNOMED CT	90731000119103	Chronic kidney disease stage 2 due to type 1 diabetes mellitus
SNOMED CT	90741000119107	Chronic kidney disease stage 3 due to type 1 diabetes mellitus
SNOMED CT	90751000119109	Chronic kidney disease stage 4 due to type 1 diabetes mellitus
SNOMED CT	90761000119106	Chronic kidney disease stage 5 due to type 1 diabetes mellitus
SNOMED CT	90771000119100	End stage renal disease on dialysis due to type 1 diabetes mellitus
SNOMED CT	90791000119104	End stage renal disease on dialysis due to type 2 diabetes mellitus
SNOMED CT	96441000119101	Chronic kidney disease due to type 1 diabetes mellitus
SNOMED CT	96701000119107	Hypertensive heart AND chronic kidney disease on dialysis
SNOMED CT	96711000119105	Hypertensive heart AND chronic kidney disease stage 5
SNOMED CT	96721000119103	Hypertensive heart AND chronic kidney disease stage 4
SNOMED CT	96731000119100	Hypertensive heart AND chronic kidney disease stage 3
SNOMED CT	96741000119109	Hypertensive heart AND chronic kidney disease stage 2
SNOMED CT	96751000119106	Hypertensive heart AND chronic kidney disease stage 1
SNOMED CT	104931000119100	Chronic kidney disease due to hypertension
SNOMED CT	111411000119103	End stage renal disease due to hypertension
SNOMED CT	117681000119102	Chronic kidney disease stage 1 due to hypertension
SNOMED CT	118781000119108	Pre-existing hypertensive chronic kidney disease in mother complicating pregnancy
SNOMED CT	120261000119101	Benign hypertensive heart disease and chronic renal disease stage 5
SNOMED CT	127991000119101	Hypertension concurrent and due to end stage renal disease on dialysis due to type 2 diabetes mellitus
SNOMED CT	128001000119105	Hypertension concurrent and due to end stage renal disease on dialysis due to type 1 diabetes mellitus
SNOMED CT	129151000119102	Chronic kidney disease stage 4 due to hypertension
SNOMED CT	129161000119100	Chronic kidney disease stage 5 due to hypertension
SNOMED CT	129171000119106	Chronic kidney disease stage 3 due to hypertension
SNOMED CT	129181000119109	Chronic kidney disease stage 2 due to hypertension

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Table7 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	140101000119109	Hypertension in chronic kidney disease stage 5 due to type 2 diabetes mellitus
SNOMED CT	140111000119107	Hypertension in chronic kidney disease stage 4 due to type 2 diabetes mellitus
SNOMED CT	140121000119100	Hypertension in chronic kidney disease stage 3 due to type 2 diabetes mellitus
SNOMED CT	140131000119102	Hypertension in chronic kidney disease stage 2 due to type 2 diabetes mellitus
SNOMED CT	153851000119106	Malignant hypertensive chronic kidney disease stage 5
SNOMED CT	153891000119101	End stage renal disease on dialysis due to hypertension
SNOMED CT	284961000119106	Chronic kidney disease due to benign hypertension
SNOMED CT	284971000119100	Chronic kidney disease stage 1 due to benign hypertension
SNOMED CT	284981000119102	Chronic kidney disease stage 2 due to benign hypertension
SNOMED CT	284991000119104	Chronic kidney disease stage 3 due to benign hypertension
SNOMED CT	285001000119105	Chronic kidney disease stage 4 due to benign hypertension
SNOMED CT	285011000119108	Chronic kidney disease stage 5 due to benign hypertension
SNOMED CT	285041000119107	Benign hypertensive heart disease and chronic renal disease stage 1
SNOMED CT	285061000119106	Benign hypertensive heart disease and chronic renal disease stage 2
SNOMED CT	285081000119102	Benign hypertensive heart disease and chronic renal disease stage 3
SNOMED CT	285101000119109	Benign hypertensive heart disease and chronic renal disease stage 4
SNOMED CT	285831000119108	Malignant hypertensive chronic kidney disease
SNOMED CT	285841000119104	Malignant hypertensive end stage renal disease
SNOMED CT	285851000119102	Malignant hypertensive chronic kidney disease stage 1
SNOMED CT	285861000119100	Malignant hypertensive chronic kidney disease stage 2
SNOMED CT	285871000119106	Malignant hypertensive chronic kidney disease stage 3
SNOMED CT	285881000119109	Malignant hypertensive chronic kidney disease stage 4
SNOMED CT	285911000119109	Malignant hypertensive heart disease and chronic renal disease stage 3
SNOMED CT	285921000119102	Malignant hypertensive heart disease and chronic renal disease stage 4
SNOMED CT	286371000119107	Malignant hypertensive end stage renal disease on dialysis
SNOMED CT	434431000124103	Hypertensive end stage renal disease
SNOMED CT	449631000124102	Benign hypertensive heart disease and chronic renal disease
SNOMED CT	691421000119108	Anemia co-occurrent and due to chronic kidney disease stage 3
SNOMED CT	10757401000119104	Pre-existing hypertensive heart and chronic kidney disease in mother complicating childbirth
SNOMED CT	10757481000119107	Pre-existing hypertensive heart and chronic kidney disease in mother complicating pregnancy

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Table7 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	236433006	Acute-on-chronic renal failure
SNOMED CT	236434000	End stage renal failure untreated by renal replacement therapy
SNOMED CT	236435004	End stage renal failure on dialysis
SNOMED CT	236436003	End stage renal failure with renal transplant
SNOMED CT	236552002	Adynamic bone disease
SNOMED CT	425369003	Chronic progressive renal failure
SNOMED CT	46177005	End-stage renal disease
SNOMED CT	49708008	Anemia of chronic renal failure
SNOMED CT	57557005	Chronic milk alkali syndrome
SNOMED CT	431855005	Chronic kidney disease stage 1
SNOMED CT	431856006	Chronic kidney disease stage 2
SNOMED CT	431857002	Chronic kidney disease stage 4
SNOMED CT	433144002	Chronic kidney disease stage 3
SNOMED CT	433146000	Chronic kidney disease stage 5
SNOMED CT	700378005	Chronic kidney disease stage 3A
SNOMED CT	700379002	Chronic kidney disease stage 3B
SNOMED CT	704667004	Hypertension concurrent and due to end stage renal disease on dialysis
SNOMED CT	707324008	Anemia in end stage renal disease
SNOMED CT	708975004	Mixed renal osteodystrophy
SNOMED CT	712487000	End stage renal disease due to benign hypertension
SNOMED CT	713313000	Chronic kidney disease mineral and bone disorder
SNOMED CT	714152005	Chronic kidney disease stage 5 on dialysis
SNOMED CT	714153000	Chronic kidney disease stage 5 with transplant
SNOMED CT	722098007	Chronic kidney disease following donor nephrectomy
SNOMED CT	722149000	Chronic kidney disease due to and following excision of neoplasm of kidney
SNOMED CT	722150000	Chronic kidney disease due to systemic infection
SNOMED CT	722467000	Chronic kidney disease due to traumatic loss of kidney
SNOMED CT	723190009	Chronic renal insufficiency
SNOMED CT	368421000119108	Chronic kidney disease stage 1 due to drug induced diabetes mellitus
SNOMED CT	368431000119106	Chronic kidney disease stage 2 due to drug induced diabetes mellitus
SNOMED CT	368441000119102	Chronic kidney disease stage 3 due to drug induced diabetes mellitus
SNOMED CT	368451000119100	Chronic kidney disease stage 4 due to drug induced diabetes mellitus
SNOMED CT	368461000119103	Chronic kidney disease stage 5 due to drug induced diabetes mellitus
SNOMED CT	368471000119109	End stage renal disease on dialysis due to drug induced diabetes mellitus

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Table7 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	897308007	Chronic kidney disease with osteoporosis
SNOMED CT	897310009	Renal osteodystrophy with high bone turnover
SNOMED CT	897311008	Renal osteodystrophy with normal bone turnover
SNOMED CT	897312001	Renal osteodystrophy with low bone turnover
SNOMED CT	90688005	Chronic renal failure
SNOMED CT	1217070004	Renal osteodystrophy due to hyperparathyroidism

1.4.5 COPD

Table 8: Concept codes used to identify chronic obstructive pulmonary disease conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	J41	Simple and mucopurulent chronic bronchitis
ICD10CM	J42	Unspecified chronic bronchitis
ICD10CM	J43	Emphysema
ICD10CM	J44.0	Chronic obstructive pulmonary disease with (acute) lower respiratory infection
ICD10CM	J44.1	Chronic obstructive pulmonary disease with (acute) exacerbation
ICD10CM	J44.9	Chronic obstructive pulmonary disease, unspecified
ICD10CM	J41.0	Simple chronic bronchitis
ICD10CM	J41.1	Mucopurulent chronic bronchitis
ICD10CM	J41.8	Mixed simple and mucopurulent chronic bronchitis
ICD10CM	J43.0	Unilateral pulmonary emphysema [MacLeod's syndrome]
ICD10CM	J43.1	Panlobular emphysema
ICD10CM	J43.2	Centrilobular emphysema
ICD10CM	J43.8	Other emphysema
ICD10CM	J43.9	Emphysema, unspecified
SNOMED CT	13645005	Chronic obstructive lung disease
SNOMED CT	195951007	Acute exacerbation of chronic obstructive airways disease
SNOMED CT	196001008	Chronic obstructive pulmonary disease with acute lower respiratory infection
SNOMED CT	135836000	End stage chronic obstructive airways disease
SNOMED CT	313296004	Mild chronic obstructive pulmonary disease
SNOMED CT	313297008	Moderate chronic obstructive pulmonary disease
SNOMED CT	313299006	Severe chronic obstructive pulmonary disease
SNOMED CT	708030004	Pulmonary emphysema co-occurrent with fibrosis of lung
SNOMED CT	285381006	Acute infective exacerbation of chronic obstructive airways disease
SNOMED CT	86680006	Ruptured emphysematous bleb of lung

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Table8 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	87433001	Pulmonary emphysema
SNOMED CT	4981000	Panacinar emphysema
SNOMED CT	16003001	Giant bullous emphysema
SNOMED CT	16846004	Obstructive emphysema
SNOMED CT	23958009	Vanishing lung
SNOMED CT	31898008	Paraseptal emphysema
SNOMED CT	33325001	Compensatory emphysema
SNOMED CT	1177120001	Bronchiolitis obliterans syndrome due to and following al- logeneic stem cell transplant
SNOMED CT	762618008	Bronchiolitis obliterans syndrome due to and after lung transplantation
SNOMED CT	836477007	Chronic emphysema due to vapor
SNOMED CT	840350008	Chronic obliterative bronchiolitis due to chemical fumes
SNOMED CT	840351007	Chronic obliterative bronchiolitis due to vapor
SNOMED CT	1751000119100	Acute exacerbation of chronic obstructive airways disease with asthma
SNOMED CT	106001000119101	Chronic obstructive lung disease co-occurrent with acute bronchitis
SNOMED CT	10692761000119107	Asthma-chronic obstructive pulmonary disease overlap syn- drome
SNOMED CT	233674008	Pulmonary emphysema in alpha-1 primary immunodef- iciency deficiency
SNOMED CT	195957006	Chronic bullous emphysema
SNOMED CT	195958001	Segmental bullous emphysema
SNOMED CT	195959009	Zonal bullous emphysema
SNOMED CT	196026004	Chronic emphysema due to chemical fumes
SNOMED CT	233675009	Toxic emphysema
SNOMED CT	233677001	Scar emphysema
SNOMED CT	47895001	Congenital emphysema
SNOMED CT	47938003	Chronic obliterative bronchiolitis
SNOMED CT	57686001	Emphysematous bleb of lung
SNOMED CT	60805002	Hemolytic anemia with emphysema AND cutis laxa
SNOMED CT	66987001	Congenital lobar emphysema
SNOMED CT	68328006	Centriacinar emphysema
SNOMED CT	70756004	Bronchial atresia with segmental pulmonary emphysema
SNOMED CT	77690003	Interstitial emphysema of lung
SNOMED CT	266355005	Bullous emphysema with collapse
SNOMED CT	266356006	Atrophic (senile) emphysema
SNOMED CT	1010333003	Emphysema of left lung
SNOMED CT	1010334009	Emphysema of right lung

1.4.6 Glaucoma

Table 9: Concept codes used to identify glaucoma conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	H40.10X0	Unspecified open-angle glaucoma, stage unspecified
ICD10CM	H40.10X1	Unspecified open-angle glaucoma, mild stage
ICD10CM	H40.10X2	Unspecified open-angle glaucoma, moderate stage
ICD10CM	H40.10X3	Unspecified open-angle glaucoma, severe stage
ICD10CM	H40.10X4	Unspecified open-angle glaucoma, indeterminate stage
ICD10CM	H40.1110	Primary open-angle glaucoma, right eye, stage unspecified
ICD10CM	H40.1111	Primary open-angle glaucoma, right eye, mild stage
ICD10CM	H40.1112	Primary open-angle glaucoma, right eye, moderate stage
ICD10CM	H40.1113	Primary open-angle glaucoma, right eye, severe stage
ICD10CM	H40.1114	Primary open-angle glaucoma, right eye, indeterminate stage
ICD10CM	H40.1120	Primary open-angle glaucoma, left eye, stage unspecified
ICD10CM	H40.1121	Primary open-angle glaucoma, left eye, mild stage
ICD10CM	H40.1122	Primary open-angle glaucoma, left eye, moderate stage
ICD10CM	H40.1123	Primary open-angle glaucoma, left eye, severe stage
ICD10CM	H40.1124	Primary open-angle glaucoma, left eye, indeterminate stage
ICD10CM	H40.1130	Primary open-angle glaucoma, bilateral, stage unspecified
ICD10CM	H40.1131	Primary open-angle glaucoma, bilateral, mild stage
ICD10CM	H40.1132	Primary open-angle glaucoma, bilateral, moderate stage
ICD10CM	H40.1133	Primary open-angle glaucoma, bilateral, severe stage
ICD10CM	H40.1134	Primary open-angle glaucoma, bilateral, indeterminate stage
ICD10CM	H40.1210	Low-tension glaucoma, right eye, stage unspecified
ICD10CM	H40.1211	Low-tension glaucoma, right eye, mild stage
ICD10CM	H40.1212	Low-tension glaucoma, right eye, moderate stage
ICD10CM	H40.1213	Low-tension glaucoma, right eye, severe stage
ICD10CM	H40.1214	Low-tension glaucoma, right eye, indeterminate stage
ICD10CM	H40.1220	Low-tension glaucoma, left eye, stage unspecified
ICD10CM	H40.1221	Low-tension glaucoma, left eye, mild stage
ICD10CM	H40.1222	Low-tension glaucoma, left eye, moderate stage
ICD10CM	H40.1223	Low-tension glaucoma, left eye, severe stage
ICD10CM	H40.1224	Low-tension glaucoma, left eye, indeterminate stage
ICD10CM	H40.1230	Low-tension glaucoma, bilateral, stage unspecified
ICD10CM	H40.1231	Low-tension glaucoma, bilateral, mild stage
ICD10CM	H40.1232	Low-tension glaucoma, bilateral, moderate stage
ICD10CM	H40.1233	Low-tension glaucoma, bilateral, severe stage
ICD10CM	H40.1234	Low-tension glaucoma, bilateral, indeterminate stage
ICD10CM	H40.1310	Pigmentary glaucoma, right eye, stage unspecified
ICD10CM	H40.1311	Pigmentary glaucoma, right eye, mild stage
ICD10CM	H40.1312	Pigmentary glaucoma, right eye, moderate stage
ICD10CM	H40.1313	Pigmentary glaucoma, right eye, severe stage
ICD10CM	H40.1314	Pigmentary glaucoma, right eye, indeterminate stage

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	H40.1320	Pigmentary glaucoma, left eye, stage unspecified
ICD10CM	H40.1321	Pigmentary glaucoma, left eye, mild stage
ICD10CM	H40.1322	Pigmentary glaucoma, left eye, moderate stage
ICD10CM	H40.1323	Pigmentary glaucoma, left eye, severe stage
ICD10CM	H40.1324	Pigmentary glaucoma, left eye, indeterminate stage
ICD10CM	H40.1330	Pigmentary glaucoma, bilateral, stage unspecified
ICD10CM	H40.1331	Pigmentary glaucoma, bilateral, mild stage
ICD10CM	H40.1332	Pigmentary glaucoma, bilateral, moderate stage
ICD10CM	H40.1333	Pigmentary glaucoma, bilateral, severe stage
ICD10CM	H40.1334	Pigmentary glaucoma, bilateral, indeterminate stage
ICD10CM	H40.1410	Capsular glaucoma with pseudoexfoliation of lens, right eye, stage unspecified
ICD10CM	H40.1411	Capsular glaucoma with pseudoexfoliation of lens, right eye, mild stage
ICD10CM	H40.1412	Capsular glaucoma with pseudoexfoliation of lens, right eye, moderate stage
ICD10CM	H40.1413	Capsular glaucoma with pseudoexfoliation of lens, right eye, severe stage
ICD10CM	H40.1414	Capsular glaucoma with pseudoexfoliation of lens, right eye, indeterminate stage
ICD10CM	H40.1420	Capsular glaucoma with pseudoexfoliation of lens, left eye, stage unspecified
ICD10CM	H40.1421	Capsular glaucoma with pseudoexfoliation of lens, left eye, mild stage
ICD10CM	H40.1422	Capsular glaucoma with pseudoexfoliation of lens, left eye, moderate stage
ICD10CM	H40.1423	Capsular glaucoma with pseudoexfoliation of lens, left eye, severe stage
ICD10CM	H40.1424	Capsular glaucoma with pseudoexfoliation of lens, left eye, indeterminate stage
ICD10CM	H40.1430	Capsular glaucoma with pseudoexfoliation of lens, bilateral, stage unspecified
ICD10CM	H40.1431	Capsular glaucoma with pseudoexfoliation of lens, bilateral, mild stage
ICD10CM	H40.1432	Capsular glaucoma with pseudoexfoliation of lens, bilateral, moderate stage
ICD10CM	H40.1433	Capsular glaucoma with pseudoexfoliation of lens, bilateral, severe stage
ICD10CM	H40.1434	Capsular glaucoma with pseudoexfoliation of lens, bilateral, indeterminate stage
ICD10CM	H40.151	Residual stage of open-angle glaucoma, right eye
ICD10CM	H40.152	Residual stage of open-angle glaucoma, left eye
ICD10CM	H40.153	Residual stage of open-angle glaucoma, bilateral

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	H40.20X0	Unspecified primary angle-closure glaucoma, stage unspecified
ICD10CM	H40.20X1	Unspecified primary angle-closure glaucoma, mild stage
ICD10CM	H40.20X2	Unspecified primary angle-closure glaucoma, moderate stage
ICD10CM	H40.20X3	Unspecified primary angle-closure glaucoma, severe stage
ICD10CM	H40.20X4	Unspecified primary angle-closure glaucoma, indeterminate stage
ICD10CM	H40.211	Acute angle-closure glaucoma, right eye
ICD10CM	H40.212	Acute angle-closure glaucoma, left eye
ICD10CM	H40.213	Acute angle-closure glaucoma, bilateral
ICD10CM	H40.2210	Chronic angle-closure glaucoma, right eye, stage unspecified
ICD10CM	H40.2211	Chronic angle-closure glaucoma, right eye, mild stage
ICD10CM	H40.2212	Chronic angle-closure glaucoma, right eye, moderate stage
ICD10CM	H40.2213	Chronic angle-closure glaucoma, right eye, severe stage
ICD10CM	H40.2214	Chronic angle-closure glaucoma, right eye, indeterminate stage
ICD10CM	H40.2220	Chronic angle-closure glaucoma, left eye, stage unspecified
ICD10CM	H40.2221	Chronic angle-closure glaucoma, left eye, mild stage
ICD10CM	H40.2222	Chronic angle-closure glaucoma, left eye, moderate stage
ICD10CM	H40.2223	Chronic angle-closure glaucoma, left eye, severe stage
ICD10CM	H40.2224	Chronic angle-closure glaucoma, left eye, indeterminate stage
ICD10CM	H40.2230	Chronic angle-closure glaucoma, bilateral, stage unspecified
ICD10CM	H40.2231	Chronic angle-closure glaucoma, bilateral, mild stage
ICD10CM	H40.2232	Chronic angle-closure glaucoma, bilateral, moderate stage
ICD10CM	H40.2233	Chronic angle-closure glaucoma, bilateral, severe stage
ICD10CM	H40.2234	Chronic angle-closure glaucoma, bilateral, indeterminate stage
ICD10CM	H40.231	Intermittent angle-closure glaucoma, right eye
ICD10CM	H40.232	Intermittent angle-closure glaucoma, left eye
ICD10CM	H40.233	Intermittent angle-closure glaucoma, bilateral
ICD10CM	H40.241	Residual stage of angle-closure glaucoma, right eye
ICD10CM	H40.242	Residual stage of angle-closure glaucoma, left eye
ICD10CM	H40.243	Residual stage of angle-closure glaucoma, bilateral
ICD10CM	H40.31X0	Glaucoma secondary to eye trauma, right eye, stage unspecified
ICD10CM	H40.31X1	Glaucoma secondary to eye trauma, right eye, mild stage
ICD10CM	H40.31X2	Glaucoma secondary to eye trauma, right eye, moderate stage
ICD10CM	H40.31X3	Glaucoma secondary to eye trauma, right eye, severe stage
ICD10CM	H40.31X4	Glaucoma secondary to eye trauma, right eye, indeterminate stage

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	H40.32X0	Glaucoma secondary to eye trauma, left eye, stage unspecified
ICD10CM	H40.32X1	Glaucoma secondary to eye trauma, left eye, mild stage
ICD10CM	H40.32X2	Glaucoma secondary to eye trauma, left eye, moderate stage
ICD10CM	H40.32X3	Glaucoma secondary to eye trauma, left eye, severe stage
ICD10CM	H40.32X4	Glaucoma secondary to eye trauma, left eye, indeterminate stage
ICD10CM	H40.33X0	Glaucoma secondary to eye trauma, bilateral, stage unspecified
ICD10CM	H40.33X1	Glaucoma secondary to eye trauma, bilateral, mild stage
ICD10CM	H40.33X2	Glaucoma secondary to eye trauma, bilateral, moderate stage
ICD10CM	H40.33X3	Glaucoma secondary to eye trauma, bilateral, severe stage
ICD10CM	H40.33X4	Glaucoma secondary to eye trauma, bilateral, indeterminate stage
ICD10CM	H40.41X0	Glaucoma secondary to eye inflammation, right eye, stage unspecified
ICD10CM	H40.41X1	Glaucoma secondary to eye inflammation, right eye, mild stage
ICD10CM	H40.41X2	Glaucoma secondary to eye inflammation, right eye, moderate stage
ICD10CM	H40.41X3	Glaucoma secondary to eye inflammation, right eye, severe stage
ICD10CM	H40.41X4	Glaucoma secondary to eye inflammation, right eye, indeterminate stage
ICD10CM	H40.42X0	Glaucoma secondary to eye inflammation, left eye, stage unspecified
ICD10CM	H40.42X1	Glaucoma secondary to eye inflammation, left eye, mild stage
ICD10CM	H40.42X2	Glaucoma secondary to eye inflammation, left eye, moderate stage
ICD10CM	H40.42X3	Glaucoma secondary to eye inflammation, left eye, severe stage
ICD10CM	H40.42X4	Glaucoma secondary to eye inflammation, left eye, indeterminate stage
ICD10CM	H40.43X0	Glaucoma secondary to eye inflammation, bilateral, stage unspecified
ICD10CM	H40.43X1	Glaucoma secondary to eye inflammation, bilateral, mild stage
ICD10CM	H40.43X2	Glaucoma secondary to eye inflammation, bilateral, moderate stage
ICD10CM	H40.43X3	Glaucoma secondary to eye inflammation, bilateral, severe stage

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Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	H40.43X4	Glaucoma secondary to eye inflammation, bilateral, indeterminate stage
ICD10CM	H40.51X0	Glaucoma secondary to other eye disorders, right eye, stage unspecified
ICD10CM	H40.51X1	Glaucoma secondary to other eye disorders, right eye, mild stage
ICD10CM	H40.51X2	Glaucoma secondary to other eye disorders, right eye, moderate stage
ICD10CM	H40.51X3	Glaucoma secondary to other eye disorders, right eye, severe stage
ICD10CM	H40.51X4	Glaucoma secondary to other eye disorders, right eye, indeterminate stage
ICD10CM	H40.52X0	Glaucoma secondary to other eye disorders, left eye, stage unspecified
ICD10CM	H40.52X1	Glaucoma secondary to other eye disorders, left eye, mild stage
ICD10CM	H40.52X2	Glaucoma secondary to other eye disorders, left eye, moderate stage
ICD10CM	H40.52X3	Glaucoma secondary to other eye disorders, left eye, severe stage
ICD10CM	H40.52X4	Glaucoma secondary to other eye disorders, left eye, indeterminate stage
ICD10CM	H40.53X0	Glaucoma secondary to other eye disorders, bilateral, stage unspecified
ICD10CM	H40.53X1	Glaucoma secondary to other eye disorders, bilateral, mild stage
ICD10CM	H40.53X2	Glaucoma secondary to other eye disorders, bilateral, moderate stage
ICD10CM	H40.53X3	Glaucoma secondary to other eye disorders, bilateral, severe stage
ICD10CM	H40.53X4	Glaucoma secondary to other eye disorders, bilateral, indeterminate stage
ICD10CM	H40.61X0	Glaucoma secondary to drugs, right eye, stage unspecified
ICD10CM	H40.61X1	Glaucoma secondary to drugs, right eye, mild stage
ICD10CM	H40.61X2	Glaucoma secondary to drugs, right eye, moderate stage
ICD10CM	H40.61X3	Glaucoma secondary to drugs, right eye, severe stage
ICD10CM	H40.61X4	Glaucoma secondary to drugs, right eye, indeterminate stage
ICD10CM	H40.62X0	Glaucoma secondary to drugs, left eye, stage unspecified
ICD10CM	H40.62X1	Glaucoma secondary to drugs, left eye, mild stage
ICD10CM	H40.62X2	Glaucoma secondary to drugs, left eye, moderate stage
ICD10CM	H40.62X3	Glaucoma secondary to drugs, left eye, severe stage
ICD10CM	H40.62X4	Glaucoma secondary to drugs, left eye, indeterminate stage

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	H40.63X0	Glaucoma secondary to drugs, bilateral, stage unspecified
ICD10CM	H40.63X1	Glaucoma secondary to drugs, bilateral, mild stage
ICD10CM	H40.63X2	Glaucoma secondary to drugs, bilateral, moderate stage
ICD10CM	H40.63X3	Glaucoma secondary to drugs, bilateral, severe stage
ICD10CM	H40.63X4	Glaucoma secondary to drugs, bilateral, indeterminate stage
ICD10CM	H40.811	Glaucoma with increased episcleral venous pressure, right eye
ICD10CM	H40.812	Glaucoma with increased episcleral venous pressure, left eye
ICD10CM	H40.813	Glaucoma with increased episcleral venous pressure, bilateral
ICD10CM	H40.821	Hypersecretion glaucoma, right eye
ICD10CM	H40.822	Hypersecretion glaucoma, left eye
ICD10CM	H40.823	Hypersecretion glaucoma, bilateral
ICD10CM	H40.831	Aqueous misdirection, right eye
ICD10CM	H40.832	Aqueous misdirection, left eye
ICD10CM	H40.833	Aqueous misdirection, bilateral
ICD10CM	H40.89	Other specified glaucoma
ICD10CM	Q15.0	Congenital glaucoma
ICD10CM	H40.1510	Residual stage of open-angle glaucoma, right eye, stage unspecified
ICD10CM	H40.1511	Residual stage of open-angle glaucoma, right eye, mild stage
ICD10CM	H40.1512	Residual stage of open-angle glaucoma, right eye, moderate stage
ICD10CM	H40.1513	Residual stage of open-angle glaucoma, right eye, severe stage
ICD10CM	H40.1514	Residual stage of open-angle glaucoma, right eye, indeterminate stage
ICD10CM	H40.1520	Residual stage of open-angle glaucoma, left eye, stage unspecified
ICD10CM	H40.1521	Residual stage of open-angle glaucoma, left eye, mild stage
ICD10CM	H40.1522	Residual stage of open-angle glaucoma, left eye, moderate stage
ICD10CM	H40.1523	Residual stage of open-angle glaucoma, left eye, severe stage
ICD10CM	H40.1524	Residual stage of open-angle glaucoma, left eye, indeterminate stage
ICD10CM	H40.1530	Residual stage of open-angle glaucoma, bilateral, stage unspecified
ICD10CM	H40.1531	Residual stage of open-angle glaucoma, bilateral, mild stage
ICD10CM	H40.1532	Residual stage of open-angle glaucoma, bilateral, moderate stage
ICD10CM	H40.1533	Residual stage of open-angle glaucoma, bilateral, severe stage

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	H40.1534	Residual stage of open-angle glaucoma, bilateral, indeterminate stage
SNOMED CT	1654001	Corticosteroid-induced open angle glaucoma
SNOMED CT	15374009	Aphakic glaucoma
SNOMED CT	19144002	Absolute glaucoma
SNOMED CT	19309007	Glaucoma associated with vascular disorder
SNOMED CT	21571006	Secondary angle-closure glaucoma
SNOMED CT	21928008	Secondary open-angle glaucoma
SNOMED CT	23986001	Glaucoma
SNOMED CT	27735002	Glaucoma associated with tumors AND/OR cysts
SNOMED CT	29369005	Hypersecretion glaucoma
SNOMED CT	30041005	Acute angle-closure glaucoma
SNOMED CT	32893002	Phacolytic glaucoma
SNOMED CT	33647009	Chronic angle-closure glaucoma
SNOMED CT	34623005	Glaucoma with increased episcleral venous pressure
SNOMED CT	787051000	Open-angle glaucoma of left eye
SNOMED CT	787052007	Open-angle glaucoma of right eye
SNOMED CT	24151000119106	Steroid-induced open angle glaucoma
SNOMED CT	41911000119107	Glaucoma due to type 2 diabetes mellitus
SNOMED CT	60981000119103	Glaucoma due to diabetes mellitus type 1
SNOMED CT	336611000119109	Acute angle-closure glaucoma of right eye
SNOMED CT	336631000119104	Absolute glaucoma right eye
SNOMED CT	342221000119104	Acute angle-closure glaucoma of left eye
SNOMED CT	342241000119105	Absolute glaucoma left eye
SNOMED CT	347381000119106	Bilateral acute angle-closure glaucoma
SNOMED CT	347401000119106	Bilateral absolute glaucoma
SNOMED CT	12239301000119102	Bilateral open-angle glaucoma
SNOMED CT	12239421000119101	Bilateral glaucoma
SNOMED CT	12239461000119106	Glaucoma of left eye
SNOMED CT	12239501000119106	Glaucoma of right eye
SNOMED CT	15633281000119103	Bilateral primary open angle glaucoma
SNOMED CT	15633321000119108	Primary open angle glaucoma of left eye
SNOMED CT	15640441000119104	Primary open angle glaucoma of right eye
SNOMED CT	15673001000119103	Congenital glaucoma of bilateral eyes
SNOMED CT	15679801000119105	Bilateral uveitis-glaucoma-hyphema syndrome of eyes
SNOMED CT	15736441000119108	Primary angle-closure glaucoma of bilateral eyes
SNOMED CT	15736481000119103	Primary angle-closure glaucoma of right eye
SNOMED CT	15736521000119103	Primary angle-closure glaucoma of left eye
SNOMED CT	15736561000119108	Neovascular glaucoma of bilateral eyes
SNOMED CT	15736601000119108	Neovascular glaucoma of right eye
SNOMED CT	15736641000119105	Neovascular glaucoma of left eye
SNOMED CT	15736681000119100	Narrow-angle glaucoma of right eye
SNOMED CT	15736721000119106	Bilateral angle-closure glaucoma

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	15736761000119101	Narrow angle glaucoma of left eye
SNOMED CT	15738841000119105	Glaucoma of bilateral eyes due to combination of mechanisms
SNOMED CT	15738881000119100	Glaucoma of left eye due to combination of mechanisms
SNOMED CT	15738921000119107	Glaucoma of right eye due to combination of mechanisms
SNOMED CT	15739041000119106	Glaucoma of bilateral eyes due to iris anomaly
SNOMED CT	15739081000119101	Glaucoma of bilateral eyes due to anterior segment anomaly
SNOMED CT	15739121000119104	Glaucoma of right eye due to anterior segment anomaly
SNOMED CT	15739161000119109	Glaucoma of left eye due to anterior segment anomaly
SNOMED CT	15739201000119104	Glaucoma of left eye due to ocular vascular disorder
SNOMED CT	15739241000119102	Glaucoma of right eye due to ocular vascular disorder
SNOMED CT	15739281000119107	Glaucoma of bilateral eyes due to ocular vascular disorder
SNOMED CT	15739321000119102	Glaucoma of right eye due to chamber angle anomaly
SNOMED CT	15739361000119107	Glaucoma of bilateral eyes due to chamber angle anomaly
SNOMED CT	15739401000119103	Glaucoma of left eye due to chamber angle anomaly
SNOMED CT	15739441000119101	Glaucoma of right eye due to trauma
SNOMED CT	15739481000119106	Glaucoma of left eye due to trauma
SNOMED CT	15739561000119101	Glaucoma of right eye due to lens disorder
SNOMED CT	15739641000119104	Glaucoma of left eye due to lens disorder
SNOMED CT	15739681000119109	Glaucoma of right eye due to systemic disorder
SNOMED CT	15739721000119103	Glaucoma of left eye due to systemic disorder
SNOMED CT	15739761000119108	Glaucoma of bilateral eyes due to systemic disorder
SNOMED CT	15993671000119108	Open-angle glaucoma of right eye caused by steroid
SNOMED CT	15993711000119107	Open-angle glaucoma of left eye caused by steroid
SNOMED CT	15993751000119108	Open-angle glaucoma of bilateral eyes caused by steroid
SNOMED CT	15996831000119101	Glaucoma caused by Onchocerca volvulus
SNOMED CT	193548006	Steroid-induced glaucoma glaucomatous stage
SNOMED CT	193552006	Glaucoma due to chamber angle anomaly
SNOMED CT	193553001	Glaucoma due to iris anomaly
SNOMED CT	193555008	Glaucoma due to systemic syndrome
SNOMED CT	193561006	Secondary angle-closure glaucoma with pupillary block
SNOMED CT	193562004	Glaucoma due to ocular vascular disorder
SNOMED CT	204113001	Congenital glaucoma
SNOMED CT	206248004	Traumatic glaucoma due to birth trauma
SNOMED CT	232081005	Iatrogenic glaucoma
SNOMED CT	232082003	Iatrogenic angle-closure glaucoma
SNOMED CT	232083008	Glaucoma and corneal anomaly
SNOMED CT	232086000	Neovascular glaucoma
SNOMED CT	232087009	Glaucoma with intraocular hemorrhage
SNOMED CT	232088004	Ghost cell glaucoma
SNOMED CT	232090003	Glaucoma following surgery
SNOMED CT	314017009	Acute-on-chronic glaucoma
SNOMED CT	314033007	Uveitic glaucoma

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	314784002	Secondary angle-closure glaucoma - synechial
SNOMED CT	370504007	Aqueous humor misdirect
SNOMED CT	392030001	Hemolytic glaucoma
SNOMED CT	392288006	Primary angle-closure glaucoma
SNOMED CT	392291006	Angle-closure glaucoma
SNOMED CT	392300000	Phacomorphic glaucoma
SNOMED CT	392352004	Angle recession glaucoma
SNOMED CT	404648005	Lens particle glaucoma
SNOMED CT	415176004	Primary congenital glaucoma
SNOMED CT	37155002	Glaucoma associated with ocular inflammation
SNOMED CT	45623002	Glaucoma associated with anterior segment anomaly
SNOMED CT	46168003	Pigmentary glaucoma
SNOMED CT	50485007	Low tension glaucoma
SNOMED CT	53667005	Glaucoma associated with systemic syndromes
SNOMED CT	65460003	Intermittent angle-closure glaucoma
SNOMED CT	66725002	Glaucoma due to perforating injury
SNOMED CT	66747002	Glaucoma associated with ocular disorder
SNOMED CT	68241007	Glaucoma associated with ocular trauma
SNOMED CT	77075001	Primary open angle glaucoma
SNOMED CT	444863008	Anatomical narrow angle glaucoma with borderline intraocular pressure
SNOMED CT	698840003	Neovascular glaucoma due to hyphema
SNOMED CT	713457002	Neovascular glaucoma due to diabetes mellitus
SNOMED CT	715144004	Glaucoma caused by silicone oil
SNOMED CT	716166002	Microcornea with glaucoma and absent frontal sinus syndrome
SNOMED CT	721898008	Open angle glaucoma of bilateral eyes caused by corticosteroid
SNOMED CT	722321001	Open angle glaucoma of left eye caused by corticosteroid
SNOMED CT	722329004	Open angle glaucoma of right eye caused by corticosteroid
SNOMED CT	267625001	Glaucoma due to ocular tumor or cyst
SNOMED CT	275477002	Glaucoma due to ocular cyst
SNOMED CT	84333006	Phacogenic glaucoma
SNOMED CT	84494001	Open-angle glaucoma
SNOMED CT	89215000	Postoperative angle-closure glaucoma
SNOMED CT	92829008	Glaucoma due to combination of mechanisms
SNOMED CT	95213001	Primary glaucoma due to combination of mechanisms
SNOMED CT	95250000	Secondary glaucoma due to combination mechanisms
SNOMED CT	95717004	Secondary glaucoma
SNOMED CT	111513000	Advanced open-angle glaucoma
SNOMED CT	111514006	Pseudoexfoliation glaucoma
SNOMED CT	1207009	Glaucomatous atrophy of optic disc
SNOMED CT	29538005	Glaucomatocyclitic crisis

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	35472004	Open angle with borderline intraocular pressure
SNOMED CT	1231271005	Glaucoma due to and following retinopathy of prematurity
SNOMED CT	1231270006	Glaucoma following ocular onchocerciasis
SNOMED CT	334961000119105	Right secondary angle-closure glaucoma due to pupil block
SNOMED CT	349231000119108	Bilateral aqueous humor misdirection of eyes
SNOMED CT	1231243004	High pressure primary open-angle glaucoma
SNOMED CT	733086003	Pseudoprogeria syndrome
SNOMED CT	733116005	Aniridia, renal agenesis, psychomotor retardation syndrome
SNOMED CT	733455003	Spastic paraplegia, glaucoma, intellectual disability syndrome
SNOMED CT	736838001	Cupping of optic disc due to open angle glaucoma
SNOMED CT	737006004	Cupping of optic discs of bilateral eyes due to open-angle glaucoma
SNOMED CT	770776002	Borderline angle-closure glaucoma of right eye
SNOMED CT	770777006	Borderline angle-closure glaucoma of left eye
SNOMED CT	783246000	Megalocornea, spherophakia, secondary glaucoma syndrome
SNOMED CT	788945006	Glaucoma caused by contact lens
SNOMED CT	788946007	Glaucoma due to eye inflammation
SNOMED CT	788947003	Glaucoma due to intraocular neoplasm
SNOMED CT	788948008	Glaucoma due to retinal detachment
SNOMED CT	788995007	Normal pressure primary open-angle glaucoma
SNOMED CT	833278008	Glaucoma suspect
SNOMED CT	860798008	Glaucoma due to diabetes mellitus
SNOMED CT	331471000119105	Uveitic glaucoma of right eye
SNOMED CT	332871000119103	Pseudoexfoliation glaucoma of right eye
SNOMED CT	333111000119107	Pigmentary glaucoma of right eye
SNOMED CT	333151000119108	Phacolytic glaucoma of right eye
SNOMED CT	334321000119101	Low tension glaucoma of right eye
SNOMED CT	336031000119105	Anatomic narrow angle glaucoma of right eye
SNOMED CT	337081000119109	Uveitic glaucoma of left eye
SNOMED CT	338481000119100	Pseudoexfoliation glaucoma of left eye
SNOMED CT	338721000119108	Pigmentary glaucoma of left eye
SNOMED CT	338761000119103	Phacolytic glaucoma of left eye
SNOMED CT	339921000119104	Low tension glaucoma of left eye
SNOMED CT	341641000119100	Anatomic narrow angle glaucoma of left eye
SNOMED CT	343161000119109	Bilateral uveitic glaucoma of eyes
SNOMED CT	344251000119103	Bilateral pseudoexfoliation glaucoma of eyes
SNOMED CT	344491000119107	Bilateral pigmentary glaucoma of eyes
SNOMED CT	345291000119109	Bilateral low tension glaucoma of eyes
SNOMED CT	346861000119107	Bilateral eye anatomic narrow angle glaucoma
SNOMED CT	348361000119103	Aphakic glaucoma of right eye
SNOMED CT	348811000119108	Aphakic glaucoma of left eye

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	349311000119106	Bilateral aphakic glaucoma
SNOMED CT	678401000119102	Bilateral glaucoma of eyes caused by drug
SNOMED CT	678411000119104	Glaucoma of left eye caused by drug
SNOMED CT	678421000119106	Glaucoma of right eye caused by drug
SNOMED CT	678471000119107	Aqueous humor misdirection of left eye
SNOMED CT	678481000119105	Aqueous humor misdirection of right eye
SNOMED CT	15673041000119101	Congenital glaucoma of right eye
SNOMED CT	15673081000119106	Congenital glaucoma of left eye
SNOMED CT	15679721000119107	Uveitis-hyphema-glaucoma syndrome of right eye
SNOMED CT	15679761000119102	Uveitis-hyphema-glaucoma syndrome of left eye
SNOMED CT	15738761000119100	Bilateral eye borderline angle-closure glaucoma
SNOMED CT	15739801000119100	Cupping of left optic disc due to open-angle glaucoma of left eye
SNOMED CT	15739881000119108	Cupping of right optic disc due to open-angle glaucoma of right eye
SNOMED CT	193531003	Borderline glaucoma
SNOMED CT	193533000	Open-angle glaucoma - borderline
SNOMED CT	193534006	Angle-closure glaucoma - borderline
SNOMED CT	193556009	Glaucoma in endocrine, nutritional and metabolic diseases
SNOMED CT	232080006	Plateau iris
SNOMED CT	1285643003	Neovascular glaucoma due to central retinal vein occlusion
SNOMED CT	392029006	Uveitis-glaucoma-hyphema syndrome
SNOMED CT	404634005	Glaucoma associated with iridocorneal endothelial syndrome
SNOMED CT	415501002	Schwartz ocular syndrome
SNOMED CT	71111008	Glaucoma of childhood
SNOMED CT	718851007	Cataract glaucoma syndrome
SNOMED CT	719976001	Glaucoma and sleep apnea syndrome
SNOMED CT	721974000	Lowry MacLean syndrome
SNOMED CT	722450007	GEMSS syndrome
SNOMED CT	723503006	Retinal degeneration, nanophthalmos, glaucoma syndrome
SNOMED CT	302895007	Steroid-induced glaucoma - borderline
SNOMED CT	340571000119101	Left secondary angle-closure glaucoma due to pupil block
SNOMED CT	1196923000	Neovascular glaucoma due to diabetes mellitus type 1
SNOMED CT	1003425007	Glaucoma due to Lowe syndrome
SNOMED CT	1003428009	Glaucoma due to congenital anomaly of eye
SNOMED CT	1003657004	Congenital glaucoma of left eye
SNOMED CT	15995551000119104	Bilateral glaucoma of eyes due to plateau iris
SNOMED CT	334761000119107	Intermittent angle-closure glaucoma of right eye
SNOMED CT	340361000119101	Intermittent angle-closure glaucoma of left eye
SNOMED CT	345701000119106	Bilateral intermittent angle-closure glaucoma
SNOMED CT	678431000119109	Bilateral glaucoma of eyes due to increased episcleral venous pressure

Continued on next page

Table9 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	678441000119100	Glaucoma of left eye due to increased episcleral venous pressure
SNOMED CT	678451000119103	Glaucoma of right eye due to increased episcleral venous pressure
SNOMED CT	890423003	Secondary childhood glaucoma following congenital cataract surgery
SNOMED CT	897585008	Bilateral primary congenital glaucoma
SNOMED CT	1137633000	Secondary angle-closure glaucoma due to iridocorneal endothelial syndrome
SNOMED CT	345881000119107	Bilateral secondary angle-closure glaucoma due to pupil block
SNOMED CT	93435005	Drug-induced glaucoma
SNOMED CT	1196922005	Neovascular glaucoma due to diabetes mellitus type 2

1.4.7 Heart Failure

Table 10: Concept codes used to identify heart failure conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	I11.0	Hypertensive heart disease with heart failure
ICD10CM	I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
ICD10CM	I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
ICD10CM	I50.1	Left ventricular failure, unspecified
ICD10CM	I50.20	Unspecified systolic (congestive) heart failure
ICD10CM	I50.21	Acute systolic (congestive) heart failure
ICD10CM	I50.22	Chronic systolic (congestive) heart failure
ICD10CM	I50.23	Acute on chronic systolic (congestive) heart failure
ICD10CM	I50.30	Unspecified diastolic (congestive) heart failure
ICD10CM	I50.31	Acute diastolic (congestive) heart failure
ICD10CM	I50.32	Chronic diastolic (congestive) heart failure
ICD10CM	I50.33	Acute on chronic diastolic (congestive) heart failure
ICD10CM	I50.40	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure
ICD10CM	I50.41	Acute combined systolic (congestive) and diastolic (congestive) heart failure
ICD10CM	I50.42	Chronic combined systolic (congestive) and diastolic (congestive) heart failure

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Table10 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	I50.43	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure
ICD10CM	I50.81	Right heart failure
ICD10CM	I50.82	Biventricular heart failure
ICD10CM	I50.83	High output heart failure
ICD10CM	I50.84	End stage heart failure
ICD10CM	I50.89	Other heart failure
ICD10CM	I50.9	Heart failure, unspecified
ICD10CM	I50.810	Right heart failure, unspecified
ICD10CM	I50.811	Acute right heart failure
ICD10CM	I50.812	Chronic right heart failure
ICD10CM	I50.813	Acute on chronic right heart failure
ICD10CM	I50.814	Right heart failure due to left heart failure
SNOMED CT	364006	Acute left-sided heart failure
SNOMED CT	5148006	Hypertensive heart disease with congestive heart failure
SNOMED CT	5375005	Chronic left-sided congestive heart failure
SNOMED CT	10091002	High output heart failure
SNOMED CT	10633002	Acute congestive heart failure
SNOMED CT	25544003	Low output heart failure
SNOMED CT	871617000	Low output heart failure due to and following Fontan operation
SNOMED CT	7411000175102	Chronic heart failure co-occurrent with normal ejection fraction
SNOMED CT	15781000119107	Hypertensive heart AND chronic kidney disease with congestive heart failure
SNOMED CT	23341000119109	Congestive heart failure with right heart failure
SNOMED CT	67431000119105	Congestive heart failure stage D
SNOMED CT	67441000119101	Congestive heart failure stage C
SNOMED CT	72481000119103	Congestive heart failure as early postoperative complication
SNOMED CT	101281000119107	Congestive heart failure due to cardiomyopathy
SNOMED CT	120851000119104	Systolic heart failure stage D
SNOMED CT	120861000119102	Systolic heart failure stage C
SNOMED CT	120871000119108	Systolic heart failure stage B
SNOMED CT	120881000119106	Diastolic heart failure stage D
SNOMED CT	120891000119109	Diastolic heart failure stage C
SNOMED CT	120901000119108	Diastolic heart failure stage B
SNOMED CT	153931000119109	Acute combined systolic and diastolic heart failure
SNOMED CT	153941000119100	Chronic combined systolic and diastolic heart failure
SNOMED CT	153951000119103	Acute on chronic combined systolic and diastolic heart failure
SNOMED CT	15629541000119106	Congestive heart failure stage C due to ischemic cardiomyopathy

Continued on next page

Table10 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	15629591000119103	Congestive heart failure stage B due to ischaemic cardiomyopathy
SNOMED CT	15629641000119107	Systolic heart failure stage B due to ischemic cardiomyopathy
SNOMED CT	15629741000119102	Systolic heart failure stage C due to ischemic cardiomyopathy
SNOMED CT	15964701000119109	Saddle embolus of pulmonary artery with acute cor pulmonale
SNOMED CT	194767001	Benign hypertensive heart disease with congestive cardiac failure
SNOMED CT	194779001	Hypertensive heart and renal disease with (congestive) heart failure
SNOMED CT	194781004	Hypertensive heart and renal disease with both (congestive) heart failure and renal failure
SNOMED CT	195111005	Decompensated cardiac failure
SNOMED CT	195112003	Compensated cardiac failure
SNOMED CT	195114002	Acute left ventricular failure
SNOMED CT	206586007	Congenital cardiac failure
SNOMED CT	233924009	Heart failure as a complication of care
SNOMED CT	314206003	Refractory heart failure
SNOMED CT	410431009	Cardiorespiratory failure
SNOMED CT	417996009	Systolic heart failure
SNOMED CT	418304008	Diastolic heart failure
SNOMED CT	424404003	Decompensated chronic heart failure
SNOMED CT	426263006	Congestive heart failure due to left ventricular systolic dysfunction
SNOMED CT	426611007	Congestive heart failure due to valvular disease
SNOMED CT	42343007	Congestive heart failure
SNOMED CT	43736008	Rheumatic left ventricular failure
SNOMED CT	44088000	Low cardiac output syndrome
SNOMED CT	44313006	Right heart failure secondary to left heart failure
SNOMED CT	46113002	Hypertensive heart failure
SNOMED CT	48447003	Chronic heart failure
SNOMED CT	56675007	Acute heart failure
SNOMED CT	74960003	Acute left-sided congestive heart failure
SNOMED CT	82523003	Congestive rheumatic heart failure
SNOMED CT	441481004	Chronic systolic heart failure
SNOMED CT	441530006	Chronic diastolic heart failure
SNOMED CT	443253003	Acute on chronic systolic heart failure
SNOMED CT	443254009	Acute systolic heart failure
SNOMED CT	443343001	Acute diastolic heart failure
SNOMED CT	443344007	Acute on chronic diastolic heart failure
SNOMED CT	446221000	Heart failure with normal ejection fraction

Continued on next page

Table10 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	471880001	Heart failure due to end stage congenital heart disease
SNOMED CT	698296002	Acute exacerbation of chronic congestive heart failure
SNOMED CT	698594003	Symptomatic congestive heart failure
SNOMED CT	703272007	Heart failure with reduced ejection fraction
SNOMED CT	703273002	Heart failure with reduced ejection fraction due to coronary artery disease
SNOMED CT	703274008	Heart failure with reduced ejection fraction due to myocarditis
SNOMED CT	703275009	Heart failure with reduced ejection fraction due to cardiomyopathy
SNOMED CT	703276005	Heart failure with reduced ejection fraction due to heart valve disease
SNOMED CT	717840005	Congestive heart failure stage B
SNOMED CT	83105008	Malignant hypertensive heart disease with congestive heart failure
SNOMED CT	84114007	Heart failure
SNOMED CT	85232009	Left heart failure
SNOMED CT	88805009	Chronic congestive heart failure
SNOMED CT	90727007	Pleural effusion due to congestive heart failure
SNOMED CT	92506005	Biventricular congestive heart failure
SNOMED CT	111283005	Chronic left-sided heart failure
SNOMED CT	1204460007	Myocardial dysfunction with sepsis
SNOMED CT	5053004	Cardiac insufficiency due to prosthesis
SNOMED CT	10335000	Chronic right-sided heart failure
SNOMED CT	16253001	Dilated peripartum cardiomyopathy
SNOMED CT	24841007	Cardiorespiratory failure during AND/OR resulting from a procedure
SNOMED CT	33644002	Postvalvulotomy syndrome
SNOMED CT	1204206001	Left ventricular failure with normal ejection fraction due to cardiomyopathy
SNOMED CT	1204203009	Left ventricular failure with normal ejection fraction due to coronary artery disease
SNOMED CT	1204204003	Left ventricular failure with normal ejection fraction due to myocarditis
SNOMED CT	1204200007	Left ventricular failure with normal ejection fraction due to valvular heart disease
SNOMED CT	1204462004	Left ventricular failure with sepsis
SNOMED CT	1208846006	Right ventricular failure due to pulmonary disease
SNOMED CT	1208848007	Right ventricular failure due to pulmonary vascular disease
SNOMED CT	1208850004	Right ventricular failure due to right ventricular infarction
SNOMED CT	1208843003	Right ventricular failure due to valvular heart disease
SNOMED CT	1204468000	Right ventricular failure with sepsis
SNOMED CT	788950000	Heart failure with mid range ejection fraction

Continued on next page

Table10 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	7371000175103	Reduced ejection fraction co-occurrent and due to acute on chronic heart failure
SNOMED CT	7381000175100	Reduced ejection fraction co-occurrent and due to chronic heart failure
SNOMED CT	7391000175102	Reduced ejection fraction co-occurrent and due to acute heart failure
SNOMED CT	7401000175100	Acute on chronic heart failure co-occurrent with normal ejection fraction
SNOMED CT	7421000175106	Acute heart failure co-occurrent with normal ejection fraction
SNOMED CT	96311000119109	Exacerbation of congestive heart failure
SNOMED CT	285211000119102	Congestive heart failure as post-operative complication of cardiac surgery
SNOMED CT	285221000119109	Congestive heart failure as post-operative complication of non-cardiac surgery
SNOMED CT	16838951000119100	Acute on chronic right-sided congestive heart failure
SNOMED CT	13839000	Right ventricular obstruction - failure syndrome
SNOMED CT	78862003	Cardiopathia nigra
SNOMED CT	1264003007	Postcardiotomy acute right ventricular failure
SNOMED CT	359617009	Acute right-sided heart failure
SNOMED CT	367363000	Right ventricular failure
SNOMED CT	426012001	Right heart failure due to pulmonary hypertension
SNOMED CT	45650007	Kyphoscoliotic heart disease
SNOMED CT	49584005	Acute cor pulmonale
SNOMED CT	55565007	Cardiac failure after obstetrical surgery AND/OR other procedure including delivery
SNOMED CT	60856006	Cardiac insufficiency following cardiac surgery
SNOMED CT	62377009	Peripartum cardiomyopathy in puerperium
SNOMED CT	66989003	Chronic right-sided congestive heart failure
SNOMED CT	71892000	Cardiac asthma
SNOMED CT	79955004	Chronic cardiopulmonary disease
SNOMED CT	80479009	Acute right-sided congestive heart failure
SNOMED CT	445236007	Cardiorenal syndrome
SNOMED CT	462172006	Fetal heart failure
SNOMED CT	462174007	Fetal heart failure with myocardial hypertrophy
SNOMED CT	462175008	Fetal heart failure with redistribution of cardiac output
SNOMED CT	609507007	Induced termination of pregnancy complicated by cardiac failure
SNOMED CT	704242009	Fetal heart failure due to extracardiac disease
SNOMED CT	722095005	Acute kidney injury due to circulatory failure
SNOMED CT	722919003	Neonatal cardiac failure due to decreased left ventricular output
SNOMED CT	724550005	Neonatal cardiac failure due to pulmonary overperfusion

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Table10 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	276514007	Neonatal cardiac failure
SNOMED CT	277638005	Sepsis-associated left ventricular failure
SNOMED CT	277639002	Sepsis-associated right ventricular failure
SNOMED CT	1010444007	Legal abortion complicated by cardiac failure
SNOMED CT	1010447000	Illegal abortion complicated by cardiac failure
SNOMED CT	15964661000119102	Acute cor pulmonale due to septic pulmonary embolism
SNOMED CT	898208007	Heart failure due to thyrotoxicosis
SNOMED CT	83291003	Right heart failure due to pulmonary hypertension
SNOMED CT	89819002	Cardiac insufficiency during AND/OR resulting from a procedure

1.4.8 Hyperlipidemia

Table 11: Concept codes used to identify hyperlipidemia conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	E78.0	Pure hypercholesterolemia
ICD10CM	E78.00	Pure hypercholesterolemia, unspecified
ICD10CM	E78.01	Familial hypercholesterolemia
ICD10CM	E78.1	Pure hyperglyceridemia
ICD10CM	E78.2	Mixed hyperlipidemia
ICD10CM	E78.3	Hyperchylomicronemia
ICD10CM	E78.4	Other hyperlipidemia
ICD10CM	E78.41	Elevated Lipoprotein(a)
ICD10CM	E78.49	Other hyperlipidemia
ICD10CM	E78.5	Hyperlipidemia, unspecified
SNOMED CT	13644009	Hypercholesterolemia
SNOMED CT	33513003	Familial apoC-II deficiency
SNOMED CT	34349009	Familial type 5 hyperlipoproteinemia
SNOMED CT	34528009	Familial hypertriglyceridemia
SNOMED CT	773649005	Transient infantile hypertriglyceridemia and hepatosteatosis
SNOMED CT	773726000	Hypercholesterolemia due to cholesterol 7alpha-hydroxylase deficiency
SNOMED CT	701000119103	Mixed hyperlipidemia due to type 2 diabetes mellitus
SNOMED CT	1571000119104	Mixed hyperlipidemia due to type 1 diabetes mellitus
SNOMED CT	15771000119109	Familial hyperalphalipoproteinemia
SNOMED CT	114831000119107	Hyperlipidemia caused by steroid
SNOMED CT	137931000119102	Hyperlipidemia due to type 2 diabetes mellitus
SNOMED CT	137941000119106	Hyperlipidemia due to type 1 diabetes mellitus

Continued on next page

Table11 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	403829002	Familial hypercholesterolemia due to heterozygous low density lipoprotein receptor mutation
SNOMED CT	403830007	Familial hypercholesterolemia due to homozygous low density lipoprotein receptor mutation
SNOMED CT	767133009	Compound heterozygous familial hypercholesterolemia
SNOMED CT	190774002	Hyperlipidemia, group A
SNOMED CT	238040008	Familial combined hyperlipidemia
SNOMED CT	238076009	Primary hypercholesterolemia
SNOMED CT	238077000	Polygenic hypercholesterolemia
SNOMED CT	238078005	Familial hypercholesterolemia - homozygous
SNOMED CT	238079002	Familial hypercholesterolemia - heterozygous
SNOMED CT	238080004	Hyperalphalipoproteinemia
SNOMED CT	238081000	Familial defective apolipoprotein B-100
SNOMED CT	238082007	Secondary hypercholesterolemia
SNOMED CT	238083002	Primary hypertriglyceridemia
SNOMED CT	238084008	Very low density lipoproteinemia
SNOMED CT	238085009	Fredrickson type IV hyperlipoproteinemia
SNOMED CT	238087001	Secondary hypertriglyceridemia
SNOMED CT	238088006	Primary combined hyperlipidemia
SNOMED CT	238089003	Secondary combined hyperlipidemia
SNOMED CT	397915002	Fredrickson type IIa hyperlipoproteinemia
SNOMED CT	398036000	Familial hypercholesterolemia
SNOMED CT	402473001	Sporadic primary hypertriglyceridemia
SNOMED CT	402474007	Primary polygenic type IIb combined hyperlipidemia
SNOMED CT	402475008	Primary acquired chylomicronemia
SNOMED CT	402725005	Hyperlipidemia with lipid deposition in skin
SNOMED CT	402726006	Primary chylomicronemia
SNOMED CT	402727002	Secondary hyperlipidemia
SNOMED CT	402785008	Primary genetic hyperlipidemia
SNOMED CT	402786009	Chylomicronemia syndrome
SNOMED CT	402787000	Primary genetic mixed hyperlipidemia
SNOMED CT	403827000	Familial lipoprotein lipase deficiency with type I phenotype
SNOMED CT	403828005	Familial lipoprotein lipase deficiency with type V phenotype
SNOMED CT	403831006	Familial Combined Hypercholesterolaemia
SNOMED CT	426161002	Chemically induced hyperlipidemia
SNOMED CT	55822004	Hyperlipidemia
SNOMED CT	445261005	Posttransplant hyperlipidemia
SNOMED CT	267432004	Pure hypercholesterolemia
SNOMED CT	267433009	Pure hyperglyceridemia
SNOMED CT	267434003	Mixed hyperlipidemia
SNOMED CT	267435002	Familial hyperchylomicronemia
SNOMED CT	299465007	Familial multiple lipoprotein-type hyperlipidemia
SNOMED CT	302870006	Hypertriglyceridemia

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Table11 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	129589009	Endogenous hyperlipidemia
SNOMED CT	129590000	Exogenous hyperlipidemia
SNOMED CT	129591001	Mixed hypercholesterolemia and hypertriglyceridemia
SNOMED CT	1197489003	Familial chylomicronemia syndrome
SNOMED CT	1208738002	TMEM199 congenital disorder of glycosylation
SNOMED CT	275598004	Familial hyperlipoproteinemia, type I

1.4.9 Hypertension

Table 12: Concept codes used to identify hypertension conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	I10	Essential (primary) hypertension
ICD10CM	I11.0	Hypertensive heart disease with heart failure
ICD10CM	I11.9	Hypertensive heart disease without heart failure
ICD10CM	I12.0	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease
ICD10CM	I12.9	Hypertensive chronic kidney disease with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
ICD10CM	I13.0	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
ICD10CM	I13.1	Hypertensive heart and chronic kidney disease without heart failure
ICD10CM	I13.10	Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease
ICD10CM	I13.11	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease
ICD10CM	I13.2	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
ICD10CM	I15	Secondary hypertension
ICD10CM	I15.0	Renovascular hypertension
ICD10CM	I15.1	Hypertension secondary to other renal disorders
ICD10CM	I15.2	Hypertension secondary to endocrine disorders
ICD10CM	I15.8	Other secondary hypertension
ICD10CM	I15.9	Secondary hypertension, unspecified
ICD10CM	I16	Hypertensive crisis

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Table12 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	I16.0	Hypertensive urgency
ICD10CM	I16.1	Hypertensive emergency
ICD10CM	I16.9	Hypertensive crisis, unspecified
ICD9CM	401.0	Malignant essential hypertension
ICD9CM	401.1	Benign essential hypertension
ICD9CM	401.9	Unspecified essential hypertension
ICD9CM	402.00	Malignant hypertensive heart disease without heart failure
ICD9CM	402.01	Malignant hypertensive heart disease with heart failure
ICD9CM	402.10	Benign hypertensive heart disease without heart failure
ICD9CM	402.11	Benign hypertensive heart disease with heart failure
ICD9CM	402.90	Unspecified hypertensive heart disease without heart failure
ICD9CM	402.91	Unspecified hypertensive heart disease with heart failure
ICD9CM	403.00	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified
ICD9CM	403.01	Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease
ICD9CM	403.10	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified
ICD9CM	403.11	Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease
ICD9CM	403.90	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified
ICD9CM	403.91	Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease
ICD9CM	404.00	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified
ICD9CM	404.01	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified
ICD9CM	404.02	Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease
ICD9CM	404.03	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease
ICD9CM	404.10	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified

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Table12 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD9CM	404.11	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified
ICD9CM	404.12	Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease
ICD9CM	404.13	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease
ICD9CM	404.90	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified
ICD9CM	404.91	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified
ICD9CM	404.92	Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage V or end stage renal disease
ICD9CM	404.93	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease
ICD9CM	405.01	Malignant renovascular hypertension
ICD9CM	405.09	Other malignant secondary hypertension
ICD9CM	405.11	Benign renovascular hypertension
ICD9CM	405.19	Other benign secondary hypertension
ICD9CM	405.91	Unspecified renovascular hypertension
ICD9CM	405.99	Other unspecified secondary hypertension
SNOMED CT	1201005	Benign essential hypertension
SNOMED CT	10725009	Benign hypertension
SNOMED CT	14973001	Renal sclerosis with hypertension
SNOMED CT	26078007	Hypertension secondary to renal disease complicating AND/OR reason for care during childbirth
SNOMED CT	28119000	Renal hypertension
SNOMED CT	31992008	Secondary hypertension
SNOMED CT	762463000	Diastolic hypertension and systolic hypertension
SNOMED CT	284981000119102	Chronic kidney disease stage 2 due to benign hypertension
SNOMED CT	284991000119104	Chronic kidney disease stage 3 due to benign hypertension
SNOMED CT	461301000124109	Resistant hypertensive disorder
SNOMED CT	1078301000112109	Multiple drug intolerant hypertension
SNOMED CT	194783001	Malignant secondary renovascular hypertension
SNOMED CT	194785008	Benign secondary hypertension
SNOMED CT	194788005	Hypertension secondary to endocrine disorder
SNOMED CT	194791005	Hypertension secondary to drug

Continued on next page

Table12 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	199008003	Pre-existing secondary hypertension complicating pregnancy, childbirth and puerperium
SNOMED CT	169465000	Hypertension induced by oral contraceptive pill
SNOMED CT	371125006	Labile essential hypertension
SNOMED CT	38341003	Hypertensive disorder
SNOMED CT	39018007	Renal arterial hypertension
SNOMED CT	39727004	Hypertension secondary to renal disease complicating AND/OR reason for care during puerperium
SNOMED CT	46481004	Low-renin essential hypertension
SNOMED CT	48146000	Diastolic hypertension
SNOMED CT	48552006	Hypertension secondary to renal disease complicating AND/OR reason for care during pregnancy
SNOMED CT	56218007	Systolic hypertension
SNOMED CT	57684003	Parenchymal renal hypertension
SNOMED CT	59621000	Essential hypertension
SNOMED CT	59720008	Sustained diastolic hypertension
SNOMED CT	65518004	Labile diastolic hypertension
SNOMED CT	73410007	Benign secondary renovascular hypertension
SNOMED CT	74451002	Secondary diastolic hypertension
SNOMED CT	78975002	Malignant essential hypertension
SNOMED CT	427889009	Hypertension associated with transplantation
SNOMED CT	428575007	Hypertension secondary to kidney transplant
SNOMED CT	429457004	Systolic essential hypertension
SNOMED CT	89242004	Malignant secondary hypertension
SNOMED CT	111438007	Hypertension secondary to renal disease in obstetric context
SNOMED CT	123799005	Renovascular hypertension
SNOMED CT	123800009	Goldblatt hypertension
SNOMED CT	8218002	Chronic hypertension complicating AND/OR reason for care during childbirth
SNOMED CT	8762007	Chronic hypertension in obstetric context
SNOMED CT	9901000	Essential hypertension complicating AND/OR reason for care during puerperium
SNOMED CT	10562009	Malignant hypertension complicating AND/OR reason for care during childbirth
SNOMED CT	15394000	Toxemia of pregnancy
SNOMED CT	18416000	Essential hypertension complicating AND/OR reason for care during childbirth
SNOMED CT	19769006	High-renin essential hypertension
SNOMED CT	23130000	Paroxysmal hypertension
SNOMED CT	23717007	Benign essential hypertension complicating AND/OR reason for care during pregnancy
SNOMED CT	23786008	Malignant hypertension complicating AND/OR reason for care during puerperium

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Table12 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	24042004	Chronic hypertension complicating AND/OR reason for care during puerperium
SNOMED CT	29259002	Malignant hypertension complicating AND/OR reason for care during pregnancy
SNOMED CT	31407004	Pre-existing hypertension complicating AND/OR reason for care during puerperium
SNOMED CT	34694006	Pre-existing hypertension complicating AND/OR reason for care during childbirth
SNOMED CT	35303009	Benign essential hypertension complicating AND/OR reason for care during puerperium
SNOMED CT	1204139007	Hypertension due to congenital adrenal hyperplasia
SNOMED CT	1208845005	Secondary hypertension due to congenital heart disorder
SNOMED CT	1208839002	Secondary hypertension due to renal tubular disorder
SNOMED CT	198941007	Hypertension complicating pregnancy, childbirth and the puerperium
SNOMED CT	198942000	Benign essential hypertension complicating pregnancy, childbirth and the puerperium
SNOMED CT	198944004	Benign essential hypertension complicating pregnancy, childbirth and the puerperium - delivered
SNOMED CT	198945003	Benign essential hypertension complicating pregnancy, childbirth and the puerperium - delivered with postnatal complication
SNOMED CT	198946002	Benign essential hypertension complicating pregnancy, childbirth and the puerperium - not delivered
SNOMED CT	198947006	Benign essential hypertension complicating pregnancy, childbirth and the puerperium with postnatal complication
SNOMED CT	198949009	Renal hypertension complicating pregnancy, childbirth and the puerperium
SNOMED CT	198951008	Renal hypertension complicating pregnancy, childbirth and the puerperium - delivered
SNOMED CT	198952001	Renal hypertension complicating pregnancy, childbirth and the puerperium - delivered with postnatal complication
SNOMED CT	198953006	Renal hypertension complicating pregnancy, childbirth and the puerperium - not delivered
SNOMED CT	198965005	Transient hypertension of pregnancy - delivered
SNOMED CT	198966006	Transient hypertension of pregnancy - delivered with postnatal complication
SNOMED CT	198967002	Transient hypertension of pregnancy - not delivered
SNOMED CT	198968007	Transient hypertension of pregnancy with postnatal complication
SNOMED CT	198983002	Severe pre-eclampsia - delivered
SNOMED CT	198984008	Severe pre-eclampsia - delivered with postnatal complication

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Table12 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	198985009	Severe pre-eclampsia - not delivered
SNOMED CT	198986005	Severe pre-eclampsia with postnatal complication
SNOMED CT	198997005	Pre-eclampsia or eclampsia with pre-existing hypertension
SNOMED CT	198999008	Pre-eclampsia or eclampsia with pre-existing hypertension - delivered
SNOMED CT	199000005	Pre-eclampsia or eclampsia with pre-existing hypertension - delivered with postnatal complication
SNOMED CT	199002002	Pre-eclampsia or eclampsia with pre-existing hypertension - not delivered
SNOMED CT	199003007	Pre-eclampsia or eclampsia with pre-existing hypertension with postnatal complication
SNOMED CT	199005000	Pre-existing hypertension complicating pregnancy, child- birth and puerperium
SNOMED CT	199007008	Pre-existing hypertensive heart and renal disease complicat- ing pregnancy, childbirth and the puerperium
SNOMED CT	765182005	Postpartum pre-eclampsia
SNOMED CT	766937004	Hypertension due to gain-of-function mutation in mineralo- corticoid receptor
SNOMED CT	871642009	Hypertension due to aortic arch obstruction
SNOMED CT	541000119105	Hypertension complicating pregnancy, childbirth and the puerperium, antepartum
SNOMED CT	5501000119106	Postoperative hypertension
SNOMED CT	40511000119107	Postpartum pre-existing essential hypertension
SNOMED CT	40521000119100	Postpartum pregnancy-induced hypertension
SNOMED CT	71421000119105	Hypertension in chronic kidney disease due to type 2 dia- betes mellitus
SNOMED CT	71701000119105	Hypertension in chronic kidney disease due to type 1 dia- betes mellitus
SNOMED CT	82771000119102	Hypertension complicating pregnancy
SNOMED CT	118781000119108	Pre-existing hypertensive chronic kidney disease in mother complicating pregnancy
SNOMED CT	127991000119101	Hypertension concurrent and due to end stage renal disease on dialysis due to type 2 diabetes mellitus
SNOMED CT	128001000119105	Hypertension concurrent and due to end stage renal disease on dialysis due to type 1 diabetes mellitus
SNOMED CT	132721000119104	Hypertensive emergency
SNOMED CT	140101000119109	Hypertension in chronic kidney disease stage 5 due to type 2 diabetes mellitus
SNOMED CT	140111000119107	Hypertension in chronic kidney disease stage 4 due to type 2 diabetes mellitus
SNOMED CT	140121000119100	Hypertension in chronic kidney disease stage 3 due to type 2 diabetes mellitus

Continued on next page

Table12 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	140131000119102	Hypertension in chronic kidney disease stage 2 due to type 2 diabetes mellitus
SNOMED CT	367821000119106	Page kidney
SNOMED CT	434711000124103	Perioperative hypertension
SNOMED CT	10752641000119102	Eclampsia with pre-existing hypertension in childbirth
SNOMED CT	10757401000119104	Pre-existing hypertensive heart and chronic kidney disease in mother complicating childbirth
SNOMED CT	16229371000119106	Labile systemic arterial hypertension
SNOMED CT	48194001	GH - Gestational hypertension
SNOMED CT	95605009	Hemolysis-elevated liver enzymes-low platelet count syndrome
SNOMED CT	206596003	Neonatal hypertension
SNOMED CT	237279007	Transient hypertension of pregnancy
SNOMED CT	237281009	Moderate proteinuric hypertension of pregnancy
SNOMED CT	237282002	Impending eclampsia
SNOMED CT	367390009	Hypertension in the obstetric context
SNOMED CT	397748008	Hypertension with albuminuria
SNOMED CT	398254007	Toxemia of pregnancy
SNOMED CT	37618003	Chronic hypertension complicating AND/OR reason for care during pregnancy
SNOMED CT	41114007	Mild pre-eclampsia
SNOMED CT	46764007	Severe pre-eclampsia
SNOMED CT	52698002	Transient hypertension
SNOMED CT	63287004	Benign essential hypertension in obstetric context
SNOMED CT	65402008	Pre-existing hypertension complicating AND/OR reason for care during pregnancy
SNOMED CT	67359005	Pre-eclampsia added to pre-existing hypertension
SNOMED CT	69909000	Eclampsia added to pre-existing hypertension
SNOMED CT	70272006	Malignant hypertension
SNOMED CT	71874008	Benign essential hypertension complicating AND/OR reason for care during childbirth
SNOMED CT	72022006	Essential hypertension in obstetric context
SNOMED CT	78808002	Essential hypertension complicating AND/OR reason for care during pregnancy
SNOMED CT	81626002	Malignant hypertension in obstetric context
SNOMED CT	429198000	Exertional hypertension
SNOMED CT	443482000	Hypertensive urgency
SNOMED CT	472749004	Coronary sinus hypertension as complication of procedure
SNOMED CT	697929007	Intermittent hypertension
SNOMED CT	697930002	Labile hypertension due to being in a clinical environment
SNOMED CT	698638005	Pregnancy induced hypertension with pulmonary edema
SNOMED CT	698640000	Hypertension in the puerperium with pulmonary edema

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Table12 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	704667004	Hypertension concurrent and due to end stage renal disease on dialysis
SNOMED CT	706882009	Hypertensive crisis
SNOMED CT	712832005	Supine hypertension
SNOMED CT	720568003	Brachydactyly and arterial hypertension syndrome
SNOMED CT	288250001	Maternal hypertension
SNOMED CT	307632004	Non-proteinuric hypertension of pregnancy
SNOMED CT	84094009	Rebound hypertension
SNOMED CT	86041002	Pre-existing hypertension in obstetric context

1.4.10 Major Depressive Disorder

Table 13: Concept codes used to identify major depression conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	F32.0	Major depressive disorder, single episode, mild
ICD10CM	F32.1	Major depressive disorder, single episode, moderate
ICD10CM	F32.2	Major depressive disorder, single episode, severe without psychotic features
ICD10CM	F32.3	Major depressive disorder, single episode, severe with psychotic features
ICD10CM	F32.4	Major depressive disorder, single episode, in partial remission
ICD10CM	F32.9	Major depressive disorder, single episode, unspecified
ICD10CM	F33.0	Major depressive disorder, recurrent, mild
ICD10CM	F33.1	Major depressive disorder, recurrent, moderate
ICD10CM	F33.2	Major depressive disorder, recurrent severe without psychotic features
ICD10CM	F33.3	Major depressive disorder, recurrent, severe with psychotic symptoms
ICD10CM	F33.41	Major depressive disorder, recurrent, in partial remission
ICD10CM	F33.9	Major depressive disorder, recurrent, unspecified
SNOMED CT	832007	Moderate major depression
SNOMED CT	2618002	Chronic recurrent major depressive disorder
SNOMED CT	14183003	Chronic major depressive disorder, single episode
SNOMED CT	15193003	Severe recurrent major depression with psychotic features, mood-incongruent
SNOMED CT	15639000	Moderate major depression, single episode
SNOMED CT	18818009	Moderate recurrent major depression

Continued on next page

Table13 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	20250007	Severe major depression, single episode, with psychotic features, mood-incongruent
SNOMED CT	25922000	Major depressive disorder, single episode with postpartum onset
SNOMED CT	28475009	Severe recurrent major depression with psychotic features
SNOMED CT	33078009	Severe recurrent major depression with psychotic features, mood-congruent
SNOMED CT	33736005	Severe major depression with psychotic features, mood-congruent
SNOMED CT	251000119105	Severe major depression, single episode
SNOMED CT	281000119103	Severe recurrent major depression
SNOMED CT	10811121000119102	Major depressive disorder in mother complicating childbirth
SNOMED CT	10811161000119107	Major depressive disorder in mother complicating pregnancy
SNOMED CT	16264621000119109	Recurrent mild major depressive disorder co-occurrent with anxiety
SNOMED CT	16264901000119109	Recurrent moderate major depressive disorder co-occurrent with anxiety
SNOMED CT	16265951000119109	Mild major depressive disorder co-occurrent with anxiety single episode
SNOMED CT	16266831000119100	Moderate major depressive disorder co-occurrent with anxiety single episode
SNOMED CT	16266991000119108	Severe major depressive disorder co-occurrent with anxiety single episode
SNOMED CT	191604000	Single major depressive episode, severe, with psychosis
SNOMED CT	191610000	Recurrent major depressive episodes, mild
SNOMED CT	191611001	Recurrent major depressive episodes, moderate
SNOMED CT	191613003	Recurrent major depressive episodes, severe, with psychosis
SNOMED CT	319768000	Recurrent major depressive disorder with melancholic features
SNOMED CT	320751009	Major depression, melancholic type
SNOMED CT	370143000	Major depressive disorder
SNOMED CT	36474008	Severe recurrent major depression without psychotic features
SNOMED CT	36923009	Major depression, single episode
SNOMED CT	38694004	Recurrent major depressive disorder with atypical features
SNOMED CT	39809009	Recurrent major depressive disorder with catatonic features
SNOMED CT	40379007	Mild recurrent major depression
SNOMED CT	42925002	Major depressive disorder, single episode with atypical features
SNOMED CT	60099002	Severe major depression with psychotic features, mood-incongruent

Continued on next page

Table13 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	63778009	Major depressive disorder, single episode with melancholic features
SNOMED CT	66344007	Recurrent major depression
SNOMED CT	69392006	Major depressive disorder, single episode with catatonic features
SNOMED CT	71336009	Recurrent major depressive disorder with postpartum onset
SNOMED CT	73867007	Severe major depression with psychotic features
SNOMED CT	75084000	Severe major depression without psychotic features
SNOMED CT	76441001	Severe major depression, single episode, without psychotic features
SNOMED CT	77911002	Severe major depression, single episode, with psychotic features, mood-congruent
SNOMED CT	79298009	Mild major depression, single episode
SNOMED CT	430852001	Severe major depression, single episode, with psychotic features
SNOMED CT	450714000	Severe major depression
SNOMED CT	719592004	Moderately severe major depression
SNOMED CT	720451004	Minimal recurrent major depression
SNOMED CT	720452006	Moderately severe recurrent major depression
SNOMED CT	720453001	Moderately severe major depression single episode
SNOMED CT	720454007	Minimal major depression single episode
SNOMED CT	720455008	Minimal major depression
SNOMED CT	726772006	Major depression with psychotic features
SNOMED CT	268621008	Recurrent major depressive episodes
SNOMED CT	87512008	Mild major depression
SNOMED CT	19527009	Single episode of major depression in full remission
SNOMED CT	30605009	Major depression in partial remission
SNOMED CT	33135002	Recurrent major depression in partial remission
SNOMED CT	104851000119103	Postpartum major depression in remission
SNOMED CT	16264821000119108	Recurrent severe major depressive disorder co-occurrent with anxiety
SNOMED CT	16265061000119105	Recurrent major depressive disorder co-occurrent with anxiety in full remission
SNOMED CT	16265301000119106	Recurrent major depressive disorder in partial remission co-occurrent with anxiety
SNOMED CT	42810003	Major depression in remission
SNOMED CT	46244001	Recurrent major depression in full remission
SNOMED CT	63412003	Major depression in full remission
SNOMED CT	68019004	Recurrent major depression in remission
SNOMED CT	70747007	Major depression single episode, in partial remission

1.4.11 Myocardial Infarction

Table 14: Concept codes used to identify acute myocardial infarction conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
ICD10CM	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
ICD10CM	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
ICD10CM	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
ICD10CM	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
ICD10CM	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
ICD10CM	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
ICD10CM	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
ICD10CM	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
ICD10CM	I21.9	Acute myocardial infarction, unspecified
ICD10CM	I21.A1	Myocardial infarction type 2
ICD10CM	I21.A9	Other myocardial infarction type
SNOMED CT	282006	Acute myocardial infarction of basal-lateral wall
SNOMED CT	10273003	Acute infarction of papillary muscle
SNOMED CT	15990001	Acute myocardial infarction of posterolateral wall
SNOMED CT	30277009	Rupture of ventricle due to acute myocardial infarction
SNOMED CT	17531000119105	Acute myocardial infarction due to left coronary artery occlusion
SNOMED CT	23311000119105	Acute myocardial infarction due to right coronary artery occlusion
SNOMED CT	285981000119103	Acute ST segment elevation myocardial infarction involving left anterior descending coronary artery
SNOMED CT	15962541000119106	Acute ST segment elevation myocardial infarction of anteroapical wall
SNOMED CT	15713081000119108	Acute ST segment elevation myocardial infarction involving left main coronary artery
SNOMED CT	15713121000119105	Acute STEMI (ST elevation myocardial infarction) due to RCA (right coronary artery) occlusion
SNOMED CT	194802003	True posterior myocardial infarction
SNOMED CT	194809007	Acute myocardial infarction of atrium
SNOMED CT	233825009	Acute Q wave infarction - anteroseptal
SNOMED CT	233826005	Acute non-Q wave infarction - anteroseptal
SNOMED CT	233827001	Acute Q wave infarction - anterolateral

Continued on next page

Table14 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	233828006	Acute non-Q wave infarction - anterolateral
SNOMED CT	233829003	Acute Q wave infarction - inferior
SNOMED CT	233830008	Acute non-Q wave infarction - inferior
SNOMED CT	233831007	Acute Q wave infarction - inferolateral
SNOMED CT	233832000	Acute non-Q wave infarction - inferolateral
SNOMED CT	233833005	Acute Q wave infarction - lateral
SNOMED CT	233834004	Acute non-Q wave infarction - lateral
SNOMED CT	233835003	Acute widespread myocardial infarction
SNOMED CT	233836002	Acute Q wave infarction - widespread
SNOMED CT	233837006	Acute non-Q wave infarction - widespread
SNOMED CT	233838001	Acute posterior myocardial infarction
SNOMED CT	401303003	Acute ST segment elevation myocardial infarction
SNOMED CT	401314000	Acute non-ST segment elevation myocardial infarction
SNOMED CT	52035003	Acute anteroapical myocardial infarction
SNOMED CT	54329005	Acute myocardial infarction of anterior wall
SNOMED CT	57054005	Acute myocardial infarction
SNOMED CT	58612006	Acute myocardial infarction of lateral wall
SNOMED CT	59063002	Acute myocardial infarction of apical-lateral wall
SNOMED CT	62695002	Acute anteroseptal myocardial infarction
SNOMED CT	64627002	Acute myocardial infarction of high lateral wall
SNOMED CT	65547006	Acute myocardial infarction of inferolateral wall
SNOMED CT	70211005	Acute myocardial infarction of anterolateral wall
SNOMED CT	70422006	Acute subendocardial infarction
SNOMED CT	70998009	Acute myocardial infarction of posterobasal wall
SNOMED CT	73795002	Acute myocardial infarction of inferior wall
SNOMED CT	76593002	Acute myocardial infarction of inferoposterior wall
SNOMED CT	79009004	Acute myocardial infarction of septum
SNOMED CT	703164000	Acute anterior ST segment elevation myocardial infarction
SNOMED CT	304914007	Acute Q wave myocardial infarction
SNOMED CT	307140009	Acute non-Q wave infarction
SNOMED CT	1163440003	Postoperative acute myocardial infarction
SNOMED CT	1208872002	Subsequent anterior non-ST segment elevation myocardial infarction
SNOMED CT	836293000	Acute myocardial infarction of right ventricle
SNOMED CT	836294006	Acute myocardial infarction of apex of heart
SNOMED CT	836295007	Acute myocardial infarction of inferolateral wall with posterior extension
SNOMED CT	840309000	Acute ST segment elevation myocardial infarction due to proximal left anterior descending coronary artery occlusion
SNOMED CT	840312002	Acute ST segment elevation myocardial infarction due to mid left anterior descending coronary artery occlusion
SNOMED CT	840316004	Acute ST segment elevation myocardial infarction due to distal left anterior descending coronary artery occlusion

Continued on next page

Table14 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	840609007	Acute ST segment elevation myocardial infarction due to occlusion of anterior descending branch of left coronary artery
SNOMED CT	840680009	Acute ST segment elevation myocardial infarction due to occlusion of septal branch of anterior descending branch of left coronary artery
SNOMED CT	846668006	Acute ST segment elevation myocardial infarction due to occlusion of diagonal branch of anterior descending branch of left coronary artery
SNOMED CT	846683001	Acute ST segment elevation myocardial infarction due to occlusion of intermediate artery
SNOMED CT	868214006	Acute ST segment elevation myocardial infarction due to occlusion of proximal portion of right coronary artery
SNOMED CT	868217004	Acute ST segment elevation myocardial infarction due to occlusion of distal portion of right coronary artery
SNOMED CT	868220007	Acute ST segment elevation myocardial infarction due to occlusion of mid portion of right coronary artery
SNOMED CT	868224003	Acute ST segment elevation myocardial infarction due to occlusion of marginal branch of right coronary artery
SNOMED CT	868225002	Acute ST segment elevation myocardial infarction due to occlusion of posterior descending branch of right coronary artery
SNOMED CT	868226001	Acute ST segment elevation myocardial infarction due to occlusion of posterior lateral branch of right coronary artery
SNOMED CT	12238111000119106	Acute ST segment elevation myocardial infarction of inferolateral wall
SNOMED CT	12238151000119107	Acute ST segment elevation myocardial infarction of inferoposterior wall
SNOMED CT	15712841000119100	Acute ST segment elevation myocardial infarction of posterolateral wall
SNOMED CT	15712881000119105	Acute ST segment elevation myocardial infarction of anterolateral wall
SNOMED CT	15712921000119103	Acute ST segment elevation myocardial infarction of lateral wall
SNOMED CT	15712961000119108	Acute ST segment elevation myocardial infarction of anteroseptal wall
SNOMED CT	15713041000119103	Acute ST segment elevation myocardial infarction of posterior wall
SNOMED CT	15713161000119100	Acute ST segment elevation myocardial infarction of septum
SNOMED CT	15713201000119105	Acute ST segment elevation myocardial infarction of posterobasal wall
SNOMED CT	15963181000119104	Acute ST segment elevation myocardial infarction due to occlusion of circumflex coronary artery

Continued on next page

Table14 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	1204151009	Acute inferior non-ST segment elevation myocardial infarction of right ventricle
SNOMED CT	1204154001	Acute anterior non-ST segment elevation myocardial infarction with right ventricular involvement
SNOMED CT	1204155000	Acute anterior non-ST segment elevation myocardial infarction
SNOMED CT	1204152002	Acute inferior non-ST segment elevation myocardial infarction
SNOMED CT	1204222000	Acute non-ST segment elevation myocardial infarction of right ventricle
SNOMED CT	15713001000119100	Acute ST segment elevation myocardial infarction of atrium
SNOMED CT	44811000087108	Acute ST segment elevation myocardial infarction due to distal left circumflex coronary artery occlusion
SNOMED CT	44821000087100	Acute ST segment elevation myocardial infarction due to mid left circumflex coronary artery occlusion
SNOMED CT	44831000087103	Acute ST segment elevation myocardial infarction due to obtuse marginal branch of left circumflex coronary artery occlusion
SNOMED CT	44841000087109	Acute ST segment elevation myocardial infarction due to posterolateral branch of left circumflex coronary artery occlusion
SNOMED CT	44851000087107	Acute ST segment elevation myocardial infarction due to proximal left circumflex coronary artery occlusion
SNOMED CT	703165004	Acute ST segment elevation myocardial infarction of anterior wall involving right ventricle
SNOMED CT	703212004	Acute myocardial infarction during procedure
SNOMED CT	703213009	Acute ST segment elevation myocardial infarction of inferior wall
SNOMED CT	703251009	Acute myocardial infarction of inferior wall involving right ventricle
SNOMED CT	703252002	Acute myocardial infarction of anterior wall involving right ventricle
SNOMED CT	703253007	Acute ST segment elevation myocardial infarction of inferior wall involving right ventricle
SNOMED CT	896689003	Acute myocardial infarction due to occlusion of circumflex branch of left coronary artery
SNOMED CT	896691006	Acute ST segment elevation myocardial infarction due to occlusion of circumflex branch of left coronary artery
SNOMED CT	896696001	Acute ST segment elevation myocardial infarction of apex of heart
SNOMED CT	896697005	Acute ST segment elevation myocardial infarction of right ventricle

1.4.12 Osteoporosis

Table 15: Concept codes used to identify osteoporosis conditions.

CodeSystem	ConceptCode	ConceptName
ICD10CM	M81.6	Localized osteoporosis [Lequesne]
ICD10CM	M81.0	Age-related osteoporosis without current pathological fracture
ICD10CM	M81.8	Other osteoporosis without current pathological fracture
ICD9CM	733.01	Senile osteoporosis
ICD9CM	733.02	Idiopathic osteoporosis
ICD9CM	733.03	Disuse osteoporosis
ICD9CM	733.09	Other osteoporosis
SNOMED CT	3345002	Idiopathic osteoporosis
SNOMED CT	14651005	Drug-induced osteoporosis
SNOMED CT	32369003	Menopausal osteoporosis
SNOMED CT	735617003	Premenopausal idiopathic osteoporosis
SNOMED CT	735618008	Osteoporosis due to malabsorption
SNOMED CT	739301006	Osteoporosis co-occurrent and due to multiple myeloma
SNOMED CT	1515008	Massive osteolysis
SNOMED CT	18040001	Type II osteoporosis
SNOMED CT	203429007	Idiopathic generalized osteoporosis
SNOMED CT	203433000	Postoophorectomy osteoporosis
SNOMED CT	203434006	Post-surgical malabsorption osteoporosis
SNOMED CT	203435007	Localized osteoporosis - Lequesne
SNOMED CT	203437004	Osteoporosis in endocrine disorders
SNOMED CT	203438009	Vertebral osteoporosis
SNOMED CT	203444008	Postoophorectomy osteoporosis with pathological fracture
SNOMED CT	203446005	Post-surgical malabsorption osteoporosis with pathological fracture
SNOMED CT	203657009	Osteoporotic kyphosis
SNOMED CT	240155001	Adult idiopathic generalized osteoporosis
SNOMED CT	240157009	Secondary generalized osteoporosis
SNOMED CT	240158004	Regional migrating osteoporosis
SNOMED CT	240159007	Transient osteoporosis of hip
SNOMED CT	240161003	Disappearing bone disease
SNOMED CT	240162005	Secondary localized osteoporosis
SNOMED CT	240164006	Post-irradiation osteoporosis
SNOMED CT	240198002	Osteoporotic vertebral collapse
SNOMED CT	311806008	Osteoporotic collapse of cervical vertebra
SNOMED CT	390833005	Osteoporosis due to corticosteroid
SNOMED CT	53174001	Disuse osteoporosis
SNOMED CT	64859006	Osteoporosis
SNOMED CT	699528002	Transient osteoporosis
SNOMED CT	703264005	Secondary osteoporosis

Continued on next page

Table15 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	268028001	Localized disuse osteoporosis
SNOMED CT	276661002	Primary osteoporosis
SNOMED CT	281387004	Regional osteoporosis
SNOMED CT	102447009	Postmenopausal osteoporosis
SNOMED CT	109346000	Osteoporotic bone marrow defect
SNOMED CT	15743005	Posttraumatic osteoporosis
SNOMED CT	454201000124109	Pathological fracture of left ulna due to osteoporosis
SNOMED CT	11304761000119103	Pathological fracture of right tibia due to osteoporosis
SNOMED CT	11305081000119109	Pathological fracture of right fibula due to osteoporosis
SNOMED CT	11305121000119106	Pathological fracture of left fibula due to osteoporosis
SNOMED CT	11305721000119107	Pathological fracture of right humerus due to secondary osteoporosis
SNOMED CT	11305761000119102	Pathological fracture of left humerus due to secondary osteoporosis
SNOMED CT	11305801000119105	Pathological fracture of right clavicle due to osteoporosis
SNOMED CT	11305841000119107	Pathological fracture of left clavicle due to osteoporosis
SNOMED CT	11306041000119109	Pathological fracture of right clavicle due to secondary osteoporosis
SNOMED CT	11309321000119105	Pathological fracture of right foot due to osteoporosis
SNOMED CT	11309361000119100	Pathological fracture of left foot due to osteoporosis
SNOMED CT	11309641000119108	Pathological fracture of right foot due to secondary osteoporosis
SNOMED CT	11309681000119103	Pathological fracture of left foot due to secondary osteoporosis
SNOMED CT	11309801000119107	Pathological fracture of right femur due to osteoporosis
SNOMED CT	11309841000119109	Pathological fracture of left femur due to osteoporosis
SNOMED CT	11310121000119102	Pathological fracture of right femur due to secondary osteoporosis
SNOMED CT	11310161000119107	Pathological fracture of left femur due to secondary osteoporosis
SNOMED CT	11310201000119102	Pathological fracture of right ankle due to osteoporosis
SNOMED CT	11310241000119100	Pathological fracture of left ankle due to osteoporosis
SNOMED CT	11311361000119103	Secondary osteoporotic fracture of thoracic vertebra
SNOMED CT	11311441000119109	Secondary osteoporotic fracture of lumbar vertebra
SNOMED CT	11311521000119104	Secondary osteoporotic fracture of cervical vertebra
SNOMED CT	11311601000119109	Osteoporotic fracture of vertebra
SNOMED CT	11311641000119106	Osteoporotic fracture of sacral vertebra
SNOMED CT	11311801000119105	Secondary osteoporotic fracture of vertebra
SNOMED CT	11311841000119107	Secondary osteoporotic fracture of sacral vertebra
SNOMED CT	11312241000119101	Pathological fracture of right hand due to osteoporosis
SNOMED CT	11312281000119106	Pathological fracture of left hand due to osteoporosis
SNOMED CT	11312721000119102	Pathological fracture of right radius due to osteoporosis
SNOMED CT	11312761000119107	Pathological fracture of left radius due to osteoporosis

Continued on next page

Table15 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	11313281000119104	Pathological fracture of right scapula due to osteoporosis
SNOMED CT	11313321000119109	Pathological fracture of left scapula due to osteoporosis
SNOMED CT	11314841000119105	Secondary osteoporotic fracture
SNOMED CT	11314881000119100	Pathological fracture of right hip due to osteoporosis
SNOMED CT	11314921000119107	Pathological fracture of left hip due to osteoporosis
SNOMED CT	11315121000119108	Pathological fracture of proximal end of right femur due to secondary osteoporosis
SNOMED CT	11315161000119103	Pathological fracture of left hip due to secondary osteoporosis
SNOMED CT	11874341000119106	Osteoporotic fracture of left rib
SNOMED CT	11874381000119101	Osteoporotic fracture of right rib
SNOMED CT	16280471000119103	Pathological fracture of left tibia due to osteoporosis
SNOMED CT	11305481000119104	Osteoporotic fracture of right humerus
SNOMED CT	11305521000119104	Osteoporotic fracture of left humerus
SNOMED CT	11312681000119108	Osteoporotic fracture of right ulna
SNOMED CT	203445009	Osteoporosis of disuse with pathological fracture
SNOMED CT	203447001	Drug-induced osteoporosis with pathological fracture
SNOMED CT	203448006	Idiopathic osteoporosis with pathological fracture
SNOMED CT	203450003	Osteoporotic fracture of lumbar vertebra
SNOMED CT	203451004	Osteoporotic fracture of thoracic vertebra
SNOMED CT	203452006	Osteoporotic fracture of cervical vertebra
SNOMED CT	203453001	Postmenopausal osteoporosis with pathological fracture
SNOMED CT	240154002	Idiopathic osteoporosis in pregnancy
SNOMED CT	240156000	Juvenile idiopathic generalized osteoporosis
SNOMED CT	240160002	Transient osteoporosis of hip in pregnancy
SNOMED CT	311890007	Osteoporotic collapse of lumbar vertebra
SNOMED CT	311891006	Osteoporotic collapse of thoracic vertebra
SNOMED CT	431031001	Osteoporotic fracture of neck of femur
SNOMED CT	443165006	Osteoporotic fracture
SNOMED CT	704282002	Secondary osteoporotic fracture of ulna
SNOMED CT	704283007	Secondary osteoporotic fracture of tibia
SNOMED CT	704284001	Secondary osteoporotic fracture of scapula
SNOMED CT	704285000	Secondary osteoporotic fracture of radius
SNOMED CT	704286004	Secondary osteoporotic fracture of humerus
SNOMED CT	704287008	Secondary osteoporotic fracture of proximal femur
SNOMED CT	704288003	Secondary osteoporotic fracture of hand
SNOMED CT	704289006	Secondary osteoporotic fracture of foot
SNOMED CT	704290002	Secondary osteoporotic fracture of fibula
SNOMED CT	704291003	Secondary osteoporotic fracture of femur
SNOMED CT	704292005	Secondary osteoporotic fracture of clavicle
SNOMED CT	704293000	Secondary osteoporotic fracture of ankle
SNOMED CT	704328003	Osteoporotic fracture of ankle
SNOMED CT	704329006	Osteoporotic fracture of clavicle

Continued on next page

Table15 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	704330001	Osteoporotic fracture of femur
SNOMED CT	704331002	Osteoporotic fracture of fibula
SNOMED CT	704332009	Osteoporotic fracture of bone of foot
SNOMED CT	704333004	Osteoporotic fracture of hand
SNOMED CT	704334005	Osteoporotic fracture of proximal femur
SNOMED CT	704335006	Osteoporotic fracture of humerus
SNOMED CT	704336007	Osteoporotic fracture of radius
SNOMED CT	704337003	Osteoporotic fracture of scapula
SNOMED CT	704338008	Osteoporotic fracture of tibia
SNOMED CT	704339000	Osteoporotic fracture of ulna
SNOMED CT	707419009	Osteoporosis due to cystic fibrosis
SNOMED CT	897308007	Chronic kidney disease with osteoporosis

1.5 Anti-Diabetic Medications (ADMs)

1.5.1 Metformin

Table 16: Concept codes used to identify metformin medications.

CodeSystem	ConceptCode	ConceptName
RxNorm	6809	metformin
RxNorm	1243830	Metformin / sitagliptin Extended Release Tablet [Janumet 100/1000]
RxNorm	1243847	Metformin / sitagliptin Extended Release Tablet [Janumet 50/500]
RxNorm	1243023	Linagliptin / Metformin Oral Tablet [Jentaduetto 2.5/1000]
RxNorm	1243030	Linagliptin / Metformin Oral Tablet [Jentaduetto 2.5/500]
RxNorm	340678	Metformin 850 MG Extended Release Tablet
RxNorm	368567	Glipizide / Metformin Oral Tablet [metaglip]
RxNorm	352301	Glipizide 5 MG / Metformin 500 MG Oral Tablet [metaglip]
RxNorm	352302	Glipizide 2.5 MG / Metformin 250 MG Oral Tablet [metaglip]
RxNorm	368169	Glyburide / Metformin Oral Tablet [Glucovance]
RxNorm	352300	Glipizide 2.5 MG / Metformin 500 MG Oral Tablet [metaglip]
RxNorm	368568	Metformin / rosiglitazone Oral Tablet [avandamet]
RxNorm	446358	Metformin 12 hour Extended Release Tablet
RxNorm	404646	Metformin 1000 MG / rosiglitazone 2 MG Oral Tablet [avandamet]
RxNorm	352296	Metformin 500 MG / rosiglitazone 4 MG Oral Tablet [avandamet]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	404647	Metformin 1000 MG / rosiglitazone 4 MG Oral Tablet [avandamet]
RxNorm	352294	Metformin 500 MG / rosiglitazone 1 MG Oral Tablet [avandamet]
RxNorm	375561	Metformin 24 Hour Extended Release Tablet
RxNorm	369995	Metformin Extended Release Tablet [Glucophage XR]
RxNorm	284467	Metformin 500 MG Extended Release Tablet [Glucophage XR]
RxNorm	433928	Metformin 750 MG 24 Hour Extended Release Tablet
RxNorm	404477	Metformin 750 MG Extended Release Tablet [Glucophage XR]
RxNorm	352295	Metformin 500 MG / rosiglitazone 2 MG Oral Tablet [avandamet]
RxNorm	575998	Glipizide 2.5 MG / Metformin 250 MG [metaglip]
RxNorm	574900	Metformin 500 MG [Glucophage XR]
RxNorm	575996	Glipizide 2.5 MG / Metformin 500 MG [metaglip]
RxNorm	541776	Metformin 500 MG / ropinirole 2 MG [avandamet]
RxNorm	575991	Metformin 500 MG / rosiglitazone 1 MG [avandamet]
RxNorm	575993	Metformin 500 MG / rosiglitazone 4 MG [avandamet]
RxNorm	575992	Metformin 500 MG / rosiglitazone 2 MG [avandamet]
RxNorm	576550	Metformin 1000 MG / rosiglitazone 4 MG [avandamet]
RxNorm	576428	Metformin 750 MG [Glucophage XR]
RxNorm	541778	Metformin 500 MG / ropinirole 2 MG Oral Tablet [avandamet]
RxNorm	575997	Glipizide 5 MG / Metformin 500 MG [metaglip]
RxNorm	576549	Metformin 1000 MG / rosiglitazone 2 MG [avandamet]
RxNorm	602413	Metformin / pioglitazone Oral Tablet [Actoplus Met]
RxNorm	705136	Metformin 1000 MG / sitagliptin 50 MG Oral Tablet [Janumet]
RxNorm	602416	Metformin 850 MG / pioglitazone 15 MG Oral Tablet [Actoplus Met]
RxNorm	645111	Metformin Oral Tablet [Glumetza]
RxNorm	705134	Metformin 1000 MG / sitagliptin 50 MG [Janumet]
RxNorm	705135	Metformin / sitagliptin Oral Tablet [Janumet]
RxNorm	706114	Metformin / rosiglitazone Oral Tablet [Avandamet]
RxNorm	705138	Metformin 500 MG / sitagliptin 50 MG Oral Tablet [Janumet]
RxNorm	731425	Metformin / pioglitazone Oral Tablet [Actoplus Met 15/850]
RxNorm	748763	Metformin 500 MG / sitagliptin 64.3 MG Oral Tablet
RxNorm	602414	Metformin 500 MG / pioglitazone 15 MG Oral Tablet [Actoplus Met]
RxNorm	757607	Metformin / sitagliptin Oral Tablet [Janumet 50 mg/500 mg]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	602412	Metformin 500 MG / pioglitazone 15 MG [Actoplus Met]
RxNorm	759753	Metformin / rosiglitazone Oral Tablet [Adandamet 2/500]
RxNorm	759754	Metformin 500 MG / rosiglitazone 2 MG Oral Tablet [Adandamet 2/500]
RxNorm	806291	Metformin / rosiglitazone Oral Tablet [Avandamet 4/500]
RxNorm	806295	Metformin / rosiglitazone Oral Tablet [Avandamet 2/500]
RxNorm	806283	Metformin / rosiglitazone Oral Tablet [Avandamet 4/1000]
RxNorm	748765	Metformin 500 MG / sitagliptin 64.3 MG Oral Tablet [Janumet]
RxNorm	805674	Metformin / repaglinide Oral Tablet [PrandiMet 2/500]
RxNorm	645112	Metformin 500 MG Oral Tablet [Glumetza]
RxNorm	705137	Metformin 500 MG / sitagliptin 50 MG [Janumet]
RxNorm	759752	Metformin 500 MG / rosiglitazone 2 MG [Adandamet 2/500]
RxNorm	602415	Metformin 850 MG / pioglitazone 15 MG [Actoplus Met]
RxNorm	849593	Glipizide / Metformin Oral Tablet [Metaglip 2.5 MG/500 MG]
RxNorm	748764	Metformin 500 MG / sitagliptin 64.3 MG [Janumet]
RxNorm	806275	Metformin / rosiglitazone Oral Tablet [Avandamet 1/500]
RxNorm	860996	24 HR Metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	849589	Glipizide / Metformin Oral Tablet [Metaglip 5 MG/500 MG]
RxNorm	861746	Glyburide / Metformin Oral Tablet [Glucovance 1.25 MG/250 MG]
RxNorm	861751	Glyburide / Metformin Oral Tablet [Glucovance 2.5 MG/500 MG]
RxNorm	899999	Metformin / pioglitazone Extended Release Tablet [Actoplus Met 30/1000]
RxNorm	1043581	Metformin / saxagliptin Extended Release Tablet [Kombiglyze 5/500]
RxNorm	1043573	Metformin / saxagliptin Extended Release Tablet [Kombiglyze 5/1000]
RxNorm	1185627	Metaglip 5 MG/500 MG Oral Product
RxNorm	1243031	Jentadueto 2.5/500 Oral Product
RxNorm	1169924	Actoplus Met 15/850 Oral Product
RxNorm	1243025	Jentadueto 2.5/1000 Pill
RxNorm	1008476	metformin / ropinirole
RxNorm	1043561	metformin / saxagliptin Extended Release Oral Tablet
RxNorm	1043562	metformin / saxagliptin
RxNorm	1043563	24 HR metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1043565	metformin hydrochloride 1000 MG / saxagliptin 2.5 MG [Kombiglyze]
RxNorm	1043566	metformin / saxagliptin Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043567	24 HR metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043568	metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	1043569	metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043570	24 HR metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	1043572	metformin hydrochloride 1000 MG / saxagliptin 5 MG [Kombiglyze]
RxNorm	1043574	24 HR metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043575	metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	1043576	metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043578	24 HR metformin hydrochloride 500 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	1043580	metformin hydrochloride 500 MG / saxagliptin 5 MG [Kombiglyze]
RxNorm	1043582	24 HR metformin hydrochloride 500 MG / saxagliptin 5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043583	metformin hydrochloride 500 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	1043584	metformin hydrochloride 500 MG / saxagliptin 5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	105376	metformin hydrochloride 500 MG Oral Tablet [Glucamet]
RxNorm	105377	metformin hydrochloride 850 MG Oral Tablet [Glucamet]
RxNorm	1156197	glyburide / metformin Pill
RxNorm	1155467	chlorpropamide / metformin Oral Product
RxNorm	1155468	chlorpropamide / metformin Pill
RxNorm	1161597	metformin / pioglitazone Oral Product
RxNorm	1161598	metformin / pioglitazone Pill
RxNorm	1161599	metformin / repaglinide Oral Product
RxNorm	1161600	metformin / repaglinide Pill
RxNorm	1161601	metformin / ropinirole Oral Product
RxNorm	1161602	metformin / ropinirole Pill
RxNorm	1161603	metformin / rosiglitazone Oral Product
RxNorm	1161604	metformin / rosiglitazone Pill

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1161605	metformin / saxagliptin Oral Product
RxNorm	1161606	metformin / saxagliptin Pill
RxNorm	1161607	metformin / sitagliptin Oral Product
RxNorm	1161608	metformin / sitagliptin Pill
RxNorm	1161609	metformin Oral Liquid Product
RxNorm	1161610	metformin Oral Product
RxNorm	1161611	metformin Pill
RxNorm	1165205	glipizide / metformin Oral Product
RxNorm	1165206	glipizide / metformin Pill
RxNorm	1165845	glyburide / metformin Oral Product
RxNorm	1171242	Glucamet Oral Product
RxNorm	1171243	Glucamet Pill
RxNorm	1171244	Glucophage Oral Product
RxNorm	1171245	Glucophage Pill
RxNorm	1171248	Glucovance Oral Product
RxNorm	1171249	Glucovance Pill
RxNorm	1171254	Glumetza Oral Product
RxNorm	1171255	Glumetza Pill
RxNorm	1169920	Actoplus Met Oral Product
RxNorm	1169923	Actoplus Met Pill
RxNorm	1175016	Avandamet Oral Product
RxNorm	1175021	Avandamet Pill
RxNorm	1172629	Fortamet Oral Product
RxNorm	1172630	Fortamet Pill
RxNorm	1172860	Kombiglyze Pill
RxNorm	1172861	Kombiglyze Oral Product
RxNorm	1167810	Janumet Oral Product
RxNorm	1167811	Janumet Pill
RxNorm	1184627	PrandiMet Oral Product
RxNorm	1184628	PrandiMet Pill
RxNorm	1182890	Orabet Metformin Oral Product
RxNorm	1182891	Orabet Metformin Pill
RxNorm	1185049	Metaglip Oral Product
RxNorm	1185325	Riomet Oral Liquid Product
RxNorm	1185326	Riomet Oral Product
RxNorm	1185624	Metaglip Pill
RxNorm	1185653	Metforming Oral Product
RxNorm	1185654	Metforming Pill
RxNorm	1243016	linagliptin / metformin Oral Product
RxNorm	1243017	linagliptin / metformin Pill
RxNorm	1243018	linagliptin / metformin Oral Tablet
RxNorm	1243019	linagliptin / metformin

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1243020	linagliptin 2.5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1243022	linagliptin 2.5 MG / metformin hydrochloride 1000 MG [Jentadueto]
RxNorm	1243026	linagliptin 2.5 MG / metformin hydrochloride 1000 MG Oral Tablet [Jentadueto]
RxNorm	1243027	linagliptin 2.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1243029	linagliptin 2.5 MG / metformin hydrochloride 500 MG [Jentadueto]
RxNorm	1243033	linagliptin 2.5 MG / metformin hydrochloride 500 MG Oral Tablet [Jentadueto]
RxNorm	1243034	linagliptin 2.5 MG / metformin hydrochloride 850 MG Oral Tablet
RxNorm	1243036	linagliptin 2.5 MG / metformin hydrochloride 850 MG [Jentadueto]
RxNorm	1243037	linagliptin / metformin Oral Tablet [Jentadueto]
RxNorm	1243038	Jentadueto Oral Product
RxNorm	1243039	Jentadueto Pill
RxNorm	1243040	linagliptin 2.5 MG / metformin hydrochloride 850 MG Oral Tablet [Jentadueto]
RxNorm	1243826	metformin / sitagliptin Extended Release Oral Tablet
RxNorm	1243827	24 HR metformin hydrochloride 1000 MG / sitagliptin 100 MG Extended Release Oral Tablet
RxNorm	1243829	metformin hydrochloride 1000 MG / sitagliptin 100 MG [Janumet]
RxNorm	1243833	24 HR metformin hydrochloride 1000 MG / sitagliptin 100 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243834	metformin hydrochloride 1000 MG / sitagliptin 100 MG Extended Release Oral Tablet
RxNorm	1243835	metformin hydrochloride 1000 MG / sitagliptin 100 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243839	metformin / sitagliptin Extended Release Oral Tablet [Janumet]
RxNorm	1243842	24 HR metformin hydrochloride 1000 MG / sitagliptin 50 MG Extended Release Oral Tablet
RxNorm	1243843	24 HR metformin hydrochloride 1000 MG / sitagliptin 50 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243844	metformin hydrochloride 1000 MG / sitagliptin 50 MG Extended Release Oral Tablet
RxNorm	1243845	metformin hydrochloride 1000 MG / sitagliptin 50 MG Extended Release Oral Tablet [Janumet]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1243846	24 HR metformin hydrochloride 500 MG / sitagliptin 50 MG Extended Release Oral Tablet
RxNorm	1243848	24 HR metformin hydrochloride 500 MG / sitagliptin 50 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243849	metformin hydrochloride 500 MG / sitagliptin 50 MG Extended Release Oral Tablet
RxNorm	1243850	metformin hydrochloride 500 MG / sitagliptin 50 MG Extended Release Oral Tablet [Janumet]
RxNorm	1368381	alogliptin / metformin Oral Product
RxNorm	1368382	alogliptin / metformin Pill
RxNorm	1368383	alogliptin / metformin Oral Tablet
RxNorm	1368384	alogliptin / metformin
RxNorm	1368385	alogliptin 12.5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1368387	alogliptin 12.5 MG / metformin hydrochloride 1000 MG [Kazano]
RxNorm	1368391	alogliptin 12.5 MG / metformin hydrochloride 1000 MG Oral Tablet [Kazano]
RxNorm	1368392	alogliptin 12.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1368394	alogliptin 12.5 MG / metformin hydrochloride 500 MG [Kazano]
RxNorm	1368395	alogliptin / metformin Oral Tablet [Kazano]
RxNorm	1368396	Kazano Oral Product
RxNorm	1368397	Kazano Pill
RxNorm	1368398	alogliptin 12.5 MG / metformin hydrochloride 500 MG Oral Tablet [Kazano]
RxNorm	1372692	Kazano
RxNorm	1372706	Jentadueto
RxNorm	1372716	PrandiMet
RxNorm	1372730	Kombiglyze
RxNorm	1372738	Janumet
RxNorm	1486436	dapagliflozin / metformin
RxNorm	151825	Glucamet
RxNorm	151827	Glucophage
RxNorm	1545146	canagliflozin / metformin Oral Product
RxNorm	1545147	canagliflozin / metformin Pill
RxNorm	1545148	canagliflozin / metformin Oral Tablet
RxNorm	1545149	canagliflozin / metformin
RxNorm	1545150	canagliflozin 150 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1545151	Invokamet

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1545152	canagliflozin 150 MG / metformin hydrochloride 1000 MG [Invokamet]
RxNorm	1545153	canagliflozin / metformin Oral Tablet [Invokamet]
RxNorm	1545154	Invokamet Oral Product
RxNorm	1545155	Invokamet Pill
RxNorm	1545156	canagliflozin 150 MG / metformin hydrochloride 1000 MG Oral Tablet [Invokamet]
RxNorm	1545157	canagliflozin 150 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1545158	canagliflozin 150 MG / metformin hydrochloride 500 MG [Invokamet]
RxNorm	1545159	canagliflozin 150 MG / metformin hydrochloride 500 MG Oral Tablet [Invokamet]
RxNorm	1545161	canagliflozin 50 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1545162	canagliflozin 50 MG / metformin hydrochloride 1000 MG [Invokamet]
RxNorm	1545163	canagliflozin 50 MG / metformin hydrochloride 1000 MG Oral Tablet [Invokamet]
RxNorm	1545164	canagliflozin 50 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1545165	canagliflozin 50 MG / metformin hydrochloride 500 MG [Invokamet]
RxNorm	1545166	canagliflozin 50 MG / metformin hydrochloride 500 MG Oral Tablet [Invokamet]
RxNorm	152161	Orabet Metformin
RxNorm	1593057	dapagliflozin / metformin Extended Release Oral Tablet
RxNorm	1593058	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1593059	dapagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1593068	24 HR dapagliflozin 10 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1593069	dapagliflozin 10 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1593070	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1593071	dapagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1593072	24 HR dapagliflozin 5 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1593073	dapagliflozin 5 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1593774	dapagliflozin / metformin Extended Release Oral Tablet [Xigduo]
RxNorm	1593775	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593776	dapagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593826	dapagliflozin 10 MG / metformin hydrochloride 500 MG [Xigduo]
RxNorm	1593827	dapagliflozin 10 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593828	dapagliflozin 5 MG / metformin hydrochloride 1000 MG [Xigduo]
RxNorm	1593829	dapagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593830	dapagliflozin 5 MG / metformin hydrochloride 500 MG [Xigduo]
RxNorm	1593831	24 HR dapagliflozin 5 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593832	dapagliflozin 5 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593833	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593835	24 HR dapagliflozin 10 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1592709	dapagliflozin / metformin Oral Product
RxNorm	1592710	dapagliflozin / metformin Pill
RxNorm	1592713	Xigduo
RxNorm	1592716	Xigduo Oral Product
RxNorm	1592717	Xigduo Pill
RxNorm	1592722	dapagliflozin 10 MG / metformin hydrochloride 1000 MG [Xigduo]
RxNorm	1664311	empagliflozin / metformin Oral Product
RxNorm	1664312	empagliflozin / metformin Pill
RxNorm	1664313	empagliflozin / metformin Oral Tablet
RxNorm	1664314	empagliflozin / metformin
RxNorm	1664315	empagliflozin 5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1664316	Synjardy
RxNorm	1664317	empagliflozin 5 MG / metformin hydrochloride 500 MG [Synjardy]
RxNorm	1664318	empagliflozin / metformin Oral Tablet [Synjardy]
RxNorm	1664319	Synjardy Oral Product
RxNorm	1664320	Synjardy Pill

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1664321	empagliflozin 5 MG / metformin hydrochloride 500 MG Oral Tablet [Synjardy]
RxNorm	1664323	empagliflozin 12.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1664324	empagliflozin 12.5 MG / metformin hydrochloride 500 MG [Synjardy]
RxNorm	1664325	empagliflozin 12.5 MG / metformin hydrochloride 500 MG Oral Tablet [Synjardy]
RxNorm	1664326	empagliflozin 5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1664327	empagliflozin 5 MG / metformin hydrochloride 1000 MG [Synjardy]
RxNorm	1664328	empagliflozin 5 MG / metformin hydrochloride 1000 MG Oral Tablet [Synjardy]
RxNorm	1665367	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1665368	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG [Synjardy]
RxNorm	1665369	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Oral Tablet [Synjardy]
RxNorm	1796088	linagliptin / metformin Extended Release Oral Tablet
RxNorm	1796089	24 HR linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1796090	linagliptin / metformin Extended Release Oral Tablet [Jentadueto]
RxNorm	1796091	24 HR linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Jentadueto]
RxNorm	1796092	linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1796093	linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Jentadueto]
RxNorm	1796094	24 HR linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1796095	linagliptin 5 MG / metformin hydrochloride 1000 MG [Jentadueto]
RxNorm	1796096	24 HR linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Jentadueto]
RxNorm	1796097	linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1796098	linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Jentadueto]
RxNorm	1807888	Modified 24 HR metformin hydrochloride 1000 MG Extended Release Oral Tablet

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1807894	Osmotic 24 HR metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1807915	Modified 24 HR metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1807917	Osmotic 24 HR metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1810996	canagliflozin / metformin Extended Release Oral Tablet
RxNorm	1810997	24 HR canagliflozin 150 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1810998	canagliflozin / metformin Extended Release Oral Tablet [Invokamet]
RxNorm	1810999	24 HR canagliflozin 150 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811000	canagliflozin 150 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1811001	canagliflozin 150 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811002	24 HR canagliflozin 150 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1811003	24 HR canagliflozin 150 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811004	canagliflozin 150 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1811005	canagliflozin 150 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811006	24 HR canagliflozin 50 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1811007	24 HR canagliflozin 50 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1862684	empagliflozin / metformin Extended Release Oral Tablet
RxNorm	1862685	24 HR empagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862686	empagliflozin 10 MG / metformin hydrochloride 1000 MG [Synjardy]
RxNorm	1862687	empagliflozin / metformin Extended Release Oral Tablet [Synjardy]
RxNorm	1862688	24 HR empagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862689	empagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862690	empagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1862691	24 HR empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862692	24 HR empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862693	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1811008	canagliflozin 50 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1811009	canagliflozin 50 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811010	24 HR canagliflozin 50 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1811011	24 HR canagliflozin 50 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811012	canagliflozin 50 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1811013	canagliflozin 50 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1862694	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862695	24 HR empagliflozin 25 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862696	empagliflozin 25 MG / metformin hydrochloride 1000 MG [Synjardy]
RxNorm	1862697	24 HR empagliflozin 25 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862698	empagliflozin 25 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862699	empagliflozin 25 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862700	24 HR empagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862701	24 HR empagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862702	empagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862703	empagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1940496	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1940497	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG [Xigduo]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1940498	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1940499	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1940500	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1992681	ertugliflozin / metformin Oral Product
RxNorm	1992682	ertugliflozin / metformin Pill
RxNorm	1992683	ertugliflozin / metformin Oral Tablet
RxNorm	1992684	ertugliflozin / metformin
RxNorm	1992685	ertugliflozin 2.5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1992686	Segluromet
RxNorm	1992687	ertugliflozin 2.5 MG / metformin hydrochloride 1000 MG [Segluromet]
RxNorm	1992688	ertugliflozin / metformin Oral Tablet [Segluromet]
RxNorm	1992689	Segluromet Oral Product
RxNorm	1992690	Segluromet Pill
RxNorm	1992691	ertugliflozin 2.5 MG / metformin hydrochloride 1000 MG Oral Tablet [Segluromet]
RxNorm	1992693	ertugliflozin 2.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1992694	ertugliflozin 2.5 MG / metformin hydrochloride 500 MG [Segluromet]
RxNorm	1992695	ertugliflozin 2.5 MG / metformin hydrochloride 500 MG Oral Tablet [Segluromet]
RxNorm	1992698	ertugliflozin 7.5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1992699	ertugliflozin 7.5 MG / metformin hydrochloride 1000 MG [Segluromet]
RxNorm	1992700	ertugliflozin 7.5 MG / metformin hydrochloride 1000 MG Oral Tablet [Segluromet]
RxNorm	1992701	ertugliflozin 7.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1992702	ertugliflozin 7.5 MG / metformin hydrochloride 500 MG [Segluromet]
RxNorm	1992703	ertugliflozin 7.5 MG / metformin hydrochloride 500 MG Oral Tablet [Segluromet]
RxNorm	204045	metformin hydrochloride 500 MG Oral Tablet [Orabet Metformin]
RxNorm	204047	metformin hydrochloride 850 MG Oral Tablet [Orabet Metformin]
RxNorm	2117292	dapagliflozin / metformin / saxagliptin

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	802051	metformin Extended Release Oral Tablet [Glucophage]
RxNorm	802646	metformin / repaglinide
RxNorm	802742	metformin / repaglinide Oral Tablet
RxNorm	849585	glipizide / metformin Oral Tablet [Metaglip]
RxNorm	805670	metformin / repaglinide Oral Tablet [PrandiMet]
RxNorm	806287	metformin / rosiglitazone Oral Tablet [Avandamet]
RxNorm	861730	metformin hydrochloride 250 MG
RxNorm	861731	glipizide 2.5 MG / metformin hydrochloride 250 MG Oral Tablet
RxNorm	861732	glipizide 2.5 MG / metformin hydrochloride 250 MG [Metaglip]
RxNorm	861733	glipizide 2.5 MG / metformin hydrochloride 250 MG Oral Tablet [Metaglip]
RxNorm	861736	glipizide 2.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	861737	glipizide 2.5 MG / metformin hydrochloride 500 MG [Metaglip]
RxNorm	861738	glipizide 2.5 MG / metformin hydrochloride 500 MG Oral Tablet [Metaglip]
RxNorm	861740	glipizide 5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	861741	glipizide 5 MG / metformin hydrochloride 500 MG [Metaglip]
RxNorm	861742	glipizide 5 MG / metformin hydrochloride 500 MG Oral Tablet [Metaglip]
RxNorm	861743	glyburide 1.25 MG / metformin hydrochloride 250 MG Oral Tablet
RxNorm	861745	glyburide 1.25 MG / metformin hydrochloride 250 MG [Glucoavance]
RxNorm	861747	glyburide 1.25 MG / metformin hydrochloride 250 MG Oral Tablet [Glucoavance]
RxNorm	861748	glyburide 2.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	861750	glyburide 2.5 MG / metformin hydrochloride 500 MG [Glucoavance]
RxNorm	861752	glyburide 2.5 MG / metformin hydrochloride 500 MG Oral Tablet [Glucoavance]
RxNorm	861753	glyburide 5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	861755	glyburide 5 MG / metformin hydrochloride 500 MG [Glucoavance]
RxNorm	861756	glyburide / metformin Oral Tablet [Glucoavance]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	861757	glyburide 5 MG / metformin hydrochloride 500 MG Oral Tablet [Glucovance]
RxNorm	861760	metformin hydrochloride 1000 MG / rosiglitazone 2 MG Oral Tablet
RxNorm	861761	metformin hydrochloride 1000 MG / rosiglitazone 2 MG [Avandamet]
RxNorm	861762	metformin hydrochloride 1000 MG / rosiglitazone 2 MG Oral Tablet [Avandamet]
RxNorm	861763	metformin hydrochloride 1000 MG / rosiglitazone 4 MG Oral Tablet
RxNorm	861764	metformin hydrochloride 1000 MG / rosiglitazone 4 MG [Avandamet]
RxNorm	875864	metformin hydrochloride 500 MG [Glucamet]
RxNorm	875865	metformin hydrochloride 850 MG [Glucamet]
RxNorm	861765	metformin hydrochloride 1000 MG / rosiglitazone 4 MG Oral Tablet [Avandamet]
RxNorm	861769	metformin hydrochloride 1000 MG / sitagliptin 50 MG Oral Tablet
RxNorm	861770	metformin hydrochloride 1000 MG / sitagliptin 50 MG [Janumet]
RxNorm	861771	metformin hydrochloride 1000 MG / sitagliptin 50 MG Oral Tablet [Janumet]
RxNorm	861783	metformin hydrochloride 500 MG / pioglitazone 15 MG Oral Tablet
RxNorm	861784	metformin hydrochloride 500 MG / pioglitazone 15 MG [Actoplus Met]
RxNorm	861785	metformin hydrochloride 500 MG / pioglitazone 15 MG Oral Tablet [Actoplus Met]
RxNorm	861787	metformin hydrochloride 500 MG / repaglinide 1 MG Oral Tablet
RxNorm	861788	metformin hydrochloride 500 MG / repaglinide 1 MG [PrandiMet]
RxNorm	861789	metformin hydrochloride 500 MG / repaglinide 1 MG Oral Tablet [PrandiMet]
RxNorm	861790	metformin hydrochloride 500 MG / repaglinide 2 MG Oral Tablet
RxNorm	861791	metformin hydrochloride 500 MG / repaglinide 2 MG [PrandiMet]
RxNorm	861792	metformin hydrochloride 500 MG / repaglinide 2 MG Oral Tablet [PrandiMet]
RxNorm	861795	metformin hydrochloride 500 MG / rosiglitazone 1 MG Oral Tablet

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	861796	metformin hydrochloride 500 MG / rosiglitazone 1 MG [Avandamet]
RxNorm	861797	metformin hydrochloride 500 MG / rosiglitazone 1 MG Oral Tablet [Avandamet]
RxNorm	861806	metformin hydrochloride 500 MG / rosiglitazone 2 MG Oral Tablet
RxNorm	861807	metformin hydrochloride 500 MG / rosiglitazone 2 MG [Avandamet]
RxNorm	861808	metformin hydrochloride 500 MG / rosiglitazone 2 MG Oral Tablet [Avandamet]
RxNorm	861816	metformin hydrochloride 500 MG / rosiglitazone 4 MG Oral Tablet
RxNorm	861817	metformin hydrochloride 500 MG / rosiglitazone 4 MG [Avandamet]
RxNorm	861818	metformin hydrochloride 500 MG / rosiglitazone 4 MG Oral Tablet [Avandamet]
RxNorm	861819	metformin hydrochloride 500 MG / sitagliptin 50 MG Oral Tablet
RxNorm	861820	metformin hydrochloride 500 MG / sitagliptin 50 MG [Janumet]
RxNorm	861821	metformin hydrochloride 500 MG / sitagliptin 50 MG Oral Tablet [Janumet]
RxNorm	861822	metformin hydrochloride 850 MG / pioglitazone 15 MG Oral Tablet
RxNorm	861823	metformin hydrochloride 850 MG / pioglitazone 15 MG [Actoplus Met]
RxNorm	861824	metformin hydrochloride 850 MG / pioglitazone 15 MG Oral Tablet [Actoplus Met]
RxNorm	876009	metformin hydrochloride 500 MG [Orabet Metformin]
RxNorm	876010	metformin hydrochloride 850 MG [Orabet Metformin]
RxNorm	876033	metformin hydrochloride 850 MG [Metforming]
RxNorm	860974	metformin hydrochloride 500 MG
RxNorm	860975	24 HR metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	860976	metformin hydrochloride 500 MG [Glucophage]
RxNorm	860977	24 HR metformin hydrochloride 500 MG Extended Release Oral Tablet [Glucophage]
RxNorm	860978	metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	860979	metformin hydrochloride 500 MG Extended Release Oral Tablet [Glucophage]
RxNorm	860980	metformin hydrochloride 750 MG

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	860981	24 HR metformin hydrochloride 750 MG Extended Release Oral Tablet
RxNorm	860982	metformin hydrochloride 750 MG [Glucophage]
RxNorm	860983	24 HR metformin hydrochloride 750 MG Extended Release Oral Tablet [Glucophage]
RxNorm	860984	metformin hydrochloride 750 MG Extended Release Oral Tablet
RxNorm	860985	metformin hydrochloride 750 MG Extended Release Oral Tablet [Glucophage]
RxNorm	860995	metformin hydrochloride 1000 MG
RxNorm	860997	metformin hydrochloride 1000 MG [Fortamet]
RxNorm	860998	Osmotic 24 HR metformin hydrochloride 1000 MG Extended Release Oral Tablet [Fortamet]
RxNorm	860999	metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	861000	metformin hydrochloride 1000 MG Extended Release Oral Tablet [Fortamet]
RxNorm	861001	metformin hydrochloride 500 MG [Fortamet]
RxNorm	861002	Osmotic 24 HR metformin hydrochloride 500 MG Extended Release Oral Tablet [Fortamet]
RxNorm	861003	metformin hydrochloride 500 MG Extended Release Oral Tablet [Fortamet]
RxNorm	861004	metformin hydrochloride 1000 MG Oral Tablet
RxNorm	861005	metformin hydrochloride 1000 MG [Glucophage]
RxNorm	861006	metformin hydrochloride 1000 MG Oral Tablet [Glucophage]
RxNorm	861007	metformin hydrochloride 500 MG Oral Tablet
RxNorm	861008	metformin hydrochloride 500 MG Oral Tablet [Glucophage]
RxNorm	861009	metformin hydrochloride 850 MG
RxNorm	861010	metformin hydrochloride 850 MG Oral Tablet
RxNorm	861011	metformin hydrochloride 850 MG [Glucophage]
RxNorm	861012	metformin hydrochloride 850 MG Oral Tablet [Glucophage]
RxNorm	861014	metformin hydrochloride 1000 MG [Glumetza]
RxNorm	861015	Modified 24 HR metformin hydrochloride 1000 MG Extended Release Oral Tablet [Glumetza]
RxNorm	861016	metformin hydrochloride 1000 MG Extended Release Oral Tablet [Glumetza]
RxNorm	861017	metformin hydrochloride 500 MG [Glumetza]
RxNorm	861018	Modified 24 HR metformin hydrochloride 500 MG Extended Release Oral Tablet [Glumetza]
RxNorm	861019	metformin hydrochloride 500 MG Extended Release Oral Tablet [Glumetza]
RxNorm	861020	metformin hydrochloride 625 MG

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	861021	metformin hydrochloride 625 MG Oral Tablet
RxNorm	861022	metformin hydrochloride 625 MG [Glucophage]
RxNorm	861023	metformin hydrochloride 625 MG Oral Tablet [Glucophage]
RxNorm	861024	metformin hydrochloride 100 MG/ML
RxNorm	861025	metformin hydrochloride 100 MG/ML Oral Solution
RxNorm	861026	metformin hydrochloride 100 MG/ML [Riomet]
RxNorm	861027	metformin hydrochloride 100 MG/ML Oral Solution [Riomet]
RxNorm	899988	metformin / pioglitazone Extended Release Oral Tablet
RxNorm	899989	24 HR metformin hydrochloride 1000 MG / pioglitazone 15 MG Extended Release Oral Tablet
RxNorm	899991	metformin hydrochloride 1000 MG / pioglitazone 15 MG [Actoplus Met]
RxNorm	899992	metformin / pioglitazone Extended Release Oral Tablet [Actoplus Met]
RxNorm	899993	24 HR metformin hydrochloride 1000 MG / pioglitazone 15 MG Extended Release Oral Tablet [Actoplus Met]
RxNorm	899994	metformin hydrochloride 1000 MG / pioglitazone 15 MG Extended Release Oral Tablet
RxNorm	899995	metformin hydrochloride 1000 MG / pioglitazone 15 MG Extended Release Oral Tablet [Actoplus Met]
RxNorm	899996	24 HR metformin hydrochloride 1000 MG / pioglitazone 30 MG Extended Release Oral Tablet
RxNorm	899998	metformin hydrochloride 1000 MG / pioglitazone 30 MG [Actoplus Met]
RxNorm	900000	24 HR metformin hydrochloride 1000 MG / pioglitazone 30 MG Extended Release Oral Tablet [Actoplus Met]
RxNorm	900001	metformin hydrochloride 1000 MG / pioglitazone 30 MG Extended Release Oral Tablet
RxNorm	900002	metformin hydrochloride 1000 MG / pioglitazone 30 MG Extended Release Oral Tablet [Actoplus Met]
RxNorm	977566	metformin hydrochloride 850 MG Extended Release Oral Tablet
RxNorm	1007411	chlorpropamide / metformin
RxNorm	351269	Metformin 500 MG / rosiglitazone 2 MG Oral Tablet
RxNorm	349554	Metformin 500 MG / rosiglitazone 4 MG Oral Tablet
RxNorm	351268	Metformin 500 MG / rosiglitazone 1 MG Oral Tablet
RxNorm	541765	Metformin 1000 MG Extended Release Tablet
RxNorm	284433	Glyburide 5 MG / Metformin 500 MG Oral Tablet [Glucovance]
RxNorm	311572	Metformin 850 MG Oral Tablet
RxNorm	311571	Metformin 500 MG Extended Release Tablet
RxNorm	213454	Metformin 1000 MG Oral Tablet [Glucophage]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	284432	Glyburide 2.5 MG / Metformin 500 MG Oral Tablet [Glucovance]
RxNorm	647242	Metformin 500 MG Extended Release Tablet [Glumetza]
RxNorm	541811	Metformin 500 MG Extended Release Tablet [Fortamet]
RxNorm	828382	Metformin 750 MG Extended Release Tablet [Glucophage]
RxNorm	316257	Metformin 850 MG
RxNorm	541769	Metformin 1000 MG Extended Release Tablet [Fortamet]
RxNorm	351273	Glipizide 2.5 MG / Metformin 500 MG Oral Tablet
RxNorm	311569	Metformin 1000 MG Oral Tablet
RxNorm	358336	Metformin 500 MG 24 Hour Extended Release Tablet
RxNorm	351275	Glipizide 2.5 MG / Metformin 250 MG Oral Tablet
RxNorm	284431	Glyburide 1.25 MG / Metformin 250 MG Oral Tablet [Glucovance]
RxNorm	731426	Metformin 850 MG / pioglitazone 15 MG Oral Tablet [Actoplus Met 15/850]
RxNorm	351274	Glipizide 5 MG / Metformin 500 MG Oral Tablet
RxNorm	731443	Metformin 500 MG / pioglitazone 15 MG Oral Tablet [Actoplus Met 15/500]
RxNorm	574869	Glyburide 1.25 MG / Metformin 250 MG [Glucovance]
RxNorm	566228	Metformin 500 MG [Orabet]
RxNorm	566230	Metformin 850 MG [Orabet]
RxNorm	574871	Glyburide 5 MG / Metformin 500 MG [Glucovance]
RxNorm	403819	Metformin 750 MG Extended Release Tablet
RxNorm	403968	Metformin 100 MG/ML Oral Solution
RxNorm	403915	Metformin 1000 MG / rosiglitazone 2 MG Oral Tablet
RxNorm	541767	Metformin 1000 MG [Fortamet]
RxNorm	828303	Metformin 500 MG Extended Release Tablet [Glucophage]
RxNorm	404727	Metformin 100 MG/ML Oral Solution [Riomet]
RxNorm	574870	Glyburide 2.5 MG / Metformin 500 MG [Glucovance]
RxNorm	406061	Metformin 750 MG
RxNorm	403916	Metformin 1000 MG / rosiglitazone 4 MG Oral Tablet
RxNorm	406081	Metformin 100 MG/ML
RxNorm	577095	Metformin 850 MG / pioglitazone 15 MG Oral Tablet
RxNorm	577094	Metformin 500 MG / pioglitazone 15 MG Oral Tablet
RxNorm	583193	Metformin 850 MG [Metforming]
RxNorm	576612	Metformin 100 MG/ML [Riomet]
RxNorm	654546	Metformin 625 MG Oral Tablet
RxNorm	731441	Metformin 500 MG / pioglitazone 15 MG [Actoplus Met 15/500]
RxNorm	654545	Metformin 625 MG
RxNorm	310538	Glyburide 5 MG / Metformin 500 MG Oral Tablet
RxNorm	700518	Metformin 1000 MG / sitagliptin 50 MG Oral Tablet
RxNorm	645110	Metformin 500 MG [Glumetza]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	731424	Metformin 850 MG / pioglitazone 15 MG [Actoplus Met 15/850]
RxNorm	700517	Metformin 500 MG / sitagliptin 50 MG Oral Tablet
RxNorm	310535	Glyburide 2.5 MG / Metformin 500 MG Oral Tablet
RxNorm	310533	Glyburide 1.25 MG / Metformin 250 MG Oral Tablet
RxNorm	566229	Metformin 500 MG [Glucophage]
RxNorm	311570	Metformin 500 MG Oral Tablet
RxNorm	573342	Metformin 1000 MG [Glucophage]
RxNorm	566231	Metformin 850 MG [Glucophage]
RxNorm	757606	Metformin 500 MG / sitagliptin 50 MG [Janumet 50 mg/500 mg]
RxNorm	204046	Metformin 500 MG Oral Tablet [Glucophage]
RxNorm	204048	Metformin 850 MG Oral Tablet [Glucophage]
RxNorm	476506	Metformin 1000 MG 24 Hour Extended Release Tablet
RxNorm	757602	Metformin 1000 MG / sitagliptin 50 MG [Janumet 50 mg/1000 mg]
RxNorm	757608	Metformin 500 MG / sitagliptin 50 MG Oral Tablet [Janumet 50 mg/500 mg]
RxNorm	757604	Metformin 1000 MG / sitagliptin 50 MG Oral Tablet [Janumet 50 mg/1000 mg]
RxNorm	541810	Metformin 500 MG [Fortamet]
RxNorm	802743	Metformin 500 MG / repaglinide 1 MG Oral Tablet
RxNorm	802050	Metformin 750 MG [Glucophage]
RxNorm	801708	Metformin 1000 MG Extended Release Tablet [Glumetza]
RxNorm	564040	Metformin 850 MG [Glucamet]
RxNorm	805669	Metformin 500 MG / repaglinide 1 MG [PrandiMet 1/500]
RxNorm	564039	Metformin 500 MG [Glucamet]
RxNorm	801707	Metformin 1000 MG [Glumetza]
RxNorm	805673	Metformin 500 MG / repaglinide 2 MG [PrandiMet 2/500]
RxNorm	806290	Metformin 500 MG / rosiglitazone 4 MG [Avandamet 4/500]
RxNorm	805671	Metformin 500 MG / repaglinide 1 MG Oral Tablet [PrandiMet 1/500]
RxNorm	806288	Metformin 1000 MG / rosiglitazone 2 MG Oral Tablet [Avandamet 2/1000]
RxNorm	806296	Metformin 500 MG / rosiglitazone 2 MG Oral Tablet [Avandamet 2/500]
RxNorm	806276	Metformin 500 MG / rosiglitazone 1 MG Oral Tablet [Avandamet 1/500]
RxNorm	806284	Metformin 1000 MG / rosiglitazone 4 MG Oral Tablet [Avandamet 4/1000]
RxNorm	806294	Metformin 500 MG / rosiglitazone 2 MG [Avandamet 2/500]
RxNorm	805675	Metformin 500 MG / repaglinide 2 MG Oral Tablet [PrandiMet 2/500]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	806292	Metformin 500 MG / rosiglitazone 4 MG Oral Tablet [Avandamet 4/500]
RxNorm	806282	Metformin 1000 MG / rosiglitazone 4 MG [Avandamet 4/1000]
RxNorm	806286	Metformin 1000 MG / rosiglitazone 2 MG [Avandamet 2/1000]
RxNorm	802744	Metformin 500 MG / repaglinide 2 MG Oral Tablet
RxNorm	806274	Metformin 500 MG / rosiglitazone 1 MG [Avandamet 1/500]
RxNorm	1184630	PrandiMet 2/500 Pill
RxNorm	1185628	Metaglip 5 MG/500 MG Pill
RxNorm	1169921	Actoplus Met 15/1000 Pill
RxNorm	1175023	Avandamet 4/1000 Pill
RxNorm	1175018	Avandamet 2/1000 Oral Product
RxNorm	1169927	Actoplus Met 30/1000 Pill
RxNorm	1175019	Avandamet 2/1000 Pill
RxNorm	1175024	Avandamet 4/500 Oral Product
RxNorm	1169922	Actoplus Met 15/500 Oral Product
RxNorm	1173547	Kombiglyze 5/500 Oral Product
RxNorm	1185625	Metaglip 2.5 MG/500 MG Oral Product
RxNorm	1171251	Glucovance 2.5 MG/500 MG Pill
RxNorm	1172859	Kombiglyze 2.5/1000 Oral Product
RxNorm	1169926	Actoplus Met 30/1000 Oral Product
RxNorm	1173546	Kombiglyze 5/1000 Pill
RxNorm	1175025	Avandamet 4/500 Pill
RxNorm	1243832	Janumet 100/1000 Pill
RxNorm	1175022	Avandamet 4/1000 Oral Product
RxNorm	1184629	PrandiMet 2/500 Oral Product
RxNorm	1175020	Avandamet 2/500 Oral Product
RxNorm	1185626	Metaglip 2.5 MG/500 MG Pill
RxNorm	1175017	Avandamet 1/500 Pill
RxNorm	1171253	Glucovance 5 MG/500 MG Pill
RxNorm	1171250	Glucovance 2.5 MG/500 MG Oral Product
RxNorm	1167812	Janumet 50/500 Oral Product
RxNorm	1243032	Jentadueto 2.5/500 Pill
RxNorm	1169925	Actoplus Met 15/850 Pill
RxNorm	1173548	Kombiglyze 5/500 Pill
RxNorm	1167813	Janumet 50/500 Pill
RxNorm	1171252	Glucovance 5 MG/500 MG Oral Product
RxNorm	1243024	Jentadueto 2.5/1000 Oral Product
RxNorm	1243831	Janumet 100/1000 Oral Product
RxNorm	2200517	metformin Extended Release Suspension
RxNorm	2200518	metformin hydrochloride 100 MG/ML Extended Release Suspension

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2200519	metformin Extended Release Suspension [Riomet]
RxNorm	2200520	metformin hydrochloride 100 MG/ML Extended Release Suspension [Riomet]
RxNorm	2281864	empagliflozin / linagliptin / metformin
RxNorm	2371722	dapagliflozin / metformin / saxagliptin Oral Product
RxNorm	2371723	dapagliflozin / metformin / saxagliptin Pill
RxNorm	2371724	dapagliflozin / metformin / saxagliptin Extended Release Oral Tablet
RxNorm	2371725	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371726	Qternmet
RxNorm	2371727	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG [Qternmet]
RxNorm	2371728	dapagliflozin / metformin / saxagliptin Extended Release Oral Tablet [Qternmet]
RxNorm	2371729	Qternmet Oral Product
RxNorm	2371730	Qternmet Pill
RxNorm	2371731	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371732	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371733	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371734	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371735	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG [Qternmet]
RxNorm	2371736	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371737	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371738	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371740	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371741	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG [Qternmet]
RxNorm	2371742	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2371743	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371744	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371745	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371746	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG [Qternmet]
RxNorm	2371747	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371748	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371749	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2359276	empagliflozin / linagliptin / metformin Oral Product
RxNorm	2359277	empagliflozin / linagliptin / metformin Pill
RxNorm	2359278	empagliflozin / linagliptin / metformin Extended Release Oral Tablet
RxNorm	2359279	24 HR empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359280	Trijardy
RxNorm	2359281	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359282	empagliflozin / linagliptin / metformin Extended Release Oral Tablet [Trijardy]
RxNorm	2359283	Trijardy Oral Product
RxNorm	2359284	Trijardy Pill
RxNorm	2359285	24 HR empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359286	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359287	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359288	24 HR empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359289	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG [Trijardy]

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2359290	24 HR empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359291	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359292	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359351	24 HR empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359352	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359353	24 HR empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359354	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359355	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359356	24 HR empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359357	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359358	24 HR empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359359	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359360	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	246522	chlorpropamide 125 MG / metformin 400 MG Oral Tablet
RxNorm	250919	glyburide 2.5 MG / metformin 400 MG Oral Tablet
RxNorm	284743	Glucovance
RxNorm	285129	glyburide / metformin
RxNorm	330861	metformin 250 MG
RxNorm	316255	metformin 1000 MG
RxNorm	316256	metformin 500 MG
RxNorm	332809	metformin 400 MG
RxNorm	352381	glipizide / metformin
RxNorm	352450	Avandamet
RxNorm	352764	Metaglip

Continued on next page

Table16 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	368254	metformin Oral Tablet [Glucophage]
RxNorm	361841	metformin Oral Tablet [Orabet Metformin]
RxNorm	368526	metformin Oral Tablet [Glucamet]
RxNorm	371466	chlorpropamide / metformin Oral Tablet
RxNorm	374635	glyburide / metformin Oral Tablet
RxNorm	372803	metformin Oral Tablet
RxNorm	372804	metformin Extended Release Oral Tablet
RxNorm	378729	metformin / rosiglitazone Oral Tablet
RxNorm	378730	glipizide / metformin Oral Tablet
RxNorm	405304	Riomet
RxNorm	406082	metformin Oral Solution
RxNorm	406257	metformin Oral Solution [Riomet]
RxNorm	431724	12 HR metformin hydrochloride 850 MG Extended Release Oral Tablet
RxNorm	432366	chlorpropamide 125 MG / metformin 513 MG Oral Tablet
RxNorm	428759	metformin 250 MG Oral Tablet
RxNorm	432780	chlorpropamide 125 MG / metformin 500 MG Oral Tablet
RxNorm	429841	glyburide 5 MG / metformin 1000 MG Oral Tablet
RxNorm	438507	metformin 513 MG
RxNorm	541766	Fortamet
RxNorm	541768	metformin Extended Release Oral Tablet [Fortamet]
RxNorm	541774	metformin / ropinirole Oral Tablet
RxNorm	541775	metformin 500 MG / ropinirole 2 MG Oral Tablet
RxNorm	583192	Metforming
RxNorm	583194	metformin Oral Tablet [Metforming]
RxNorm	583195	metformin hydrochloride 850 MG Oral Tablet [Metforming]
RxNorm	602411	Actoplus Met
RxNorm	607999	metformin / pioglitazone
RxNorm	614348	metformin / rosiglitazone
RxNorm	577093	metformin / pioglitazone Oral Tablet
RxNorm	645109	Glumetza
RxNorm	647241	metformin Extended Release Oral Tablet [Glumetza]
RxNorm	700516	metformin / sitagliptin Oral Tablet
RxNorm	729717	metformin / sitagliptin
RxNorm	731442	metformin / pioglitazone Oral Tablet [Actoplus Met]
RxNorm	757603	metformin / sitagliptin Oral Tablet [Janumet]

1.5.2 Insulin

Table 17: Concept codes used to identify insulin medications.

CodeSystem	ConceptCode	ConceptName
RxNorm	253182	insulin, regular, human
RxNorm	1544487	Regular Insulin, Human 0.7 MG/ACTUAT
RxNorm	1544489	Regular Insulin, Human 0.7 MG/ACTUAT [Afrezza]
RxNorm	1543204	Regular Insulin, Human 0.35 MG/ACTUAT [Afrezza]
RxNorm	1543201	Regular Insulin, Human Inhalant Powder
RxNorm	1543205	Regular Insulin, Human Inhalant Powder [Afrezza]
RxNorm	1543199	Regular Insulin, Human 0.35 MG/ACTUAT
RxNorm	380934	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Human Mixtard Penfill]
RxNorm	379754	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Novolin 70/30 PenFill]
RxNorm	365578	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Humulin M1]
RxNorm	365580	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Pur-In Mix 50/50]
RxNorm	365577	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Humulin M2]
RxNorm	365575	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Humulin M5]
RxNorm	379741	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Human Mixtard 50]
RxNorm	365673	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Humulin 70/30]
RxNorm	311023	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Injectable Suspension [Novolin 70/30 PenFill]
RxNorm	379742	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Human Mixtard 30 ge]
RxNorm	365582	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Humulin M3]
RxNorm	365576	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Humulin M4]
RxNorm	365684	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [Pur-In Mix 25/75]
RxNorm	575139	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML [Novolin 70/30 PenFill]
RxNorm	724341	Insulin, Isophane, Human / Insulin, Regular, Human In- jectable Suspension [ReliOn/Novolin 70/30]
RxNorm	727909	1.5 ML Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Prefilled Syringe
RxNorm	727917	3 ML Insulin, Regular, Human 100 UNT/ML Prefilled Sy- ringe

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	727770	3 ML Insulin, Isophane, Human 50 UNT/ML / Insulin, Regular, Human 50 UNT/ML Prefilled Syringe
RxNorm	727766	3 ML Insulin, Isophane, Human 85 UNT/ML / Insulin, Regular, Human 15 UNT/ML Prefilled Syringe
RxNorm	727626	Insulin, Isophane, Human / Insulin, Regular, Human Prefilled Syringe
RxNorm	723552	Insulin, Regular, Human Injectable Solution [ReliOn R/Novolin]
RxNorm	727895	Insulin, Isophane, Human / Insulin, Regular, Human Prefilled Syringe [Humulin 70/30]
RxNorm	727916	Insulin, Regular, Human Prefilled Syringe
RxNorm	727769	3 ML Insulin, Isophane, Human 60 UNT/ML / Insulin, Regular, Human 40 UNT/ML Prefilled Syringe
RxNorm	727918	1.5 ML Insulin, Regular, Human 100 UNT/ML Prefilled Syringe
RxNorm	727627	3 ML Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Prefilled Syringe
RxNorm	727755	3 ML Insulin, Isophane, Human 90 UNT/ML / Insulin, Regular, Human 10 UNT/ML Prefilled Syringe
RxNorm	727628	Insulin, Isophane, Human / Insulin, Regular, Human Prefilled Syringe [Novolin 70/30]
RxNorm	727896	3 ML Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Prefilled Syringe [Humulin 70/30]
RxNorm	724342	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Injectable Suspension [ReliOn/Novolin 70/30]
RxNorm	727629	3 ML Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Prefilled Syringe [Novolin 70/30]
RxNorm	727768	3 ML Insulin, Isophane, Human 75 UNT/ML / Insulin, Regular, Human 25 UNT/ML Prefilled Syringe
RxNorm	723553	Insulin, Regular, Human 100 UNT/ML Injectable Solution [ReliOn R/Novolin]
RxNorm	727910	1.5 ML Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Prefilled Syringe [Novolin 70/30]
RxNorm	723551	Insulin, Regular, Human 100 UNT/ML [ReliOn R/Novolin]
RxNorm	727767	3 ML Insulin, Isophane, Human 80 UNT/ML / Insulin, Regular, Human 20 UNT/ML Prefilled Syringe
RxNorm	724340	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML [ReliOn/Novolin 70/30]
RxNorm	1172687	Humulin M2 Injectable Product
RxNorm	1172688	Humulin M3 Injectable Product
RxNorm	1008501	insulin isophane / insulin, regular, human

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	108813	insulin isophane, human 90 UNT/ML / insulin, regular, human 10 UNT/ML Injectable Suspension [Human Mixtard]
RxNorm	108814	insulin isophane, human 80 UNT/ML / insulin, regular, human 20 UNT/ML Injectable Suspension [Human Mixtard]
RxNorm	108815	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Injectable Suspension [Human Mixtard]
RxNorm	108816	insulin isophane, human 50 UNT/ML / insulin, regular, human 50 UNT/ML Injectable Suspension [Human Mixtard]
RxNorm	108822	insulin isophane, human 60 UNT/ML / insulin, regular, human 40 UNT/ML Injectable Suspension [Human Mixtard]
RxNorm	2644769	{9 (insulin, regular, human 12 UNT Inhalation Powder [Afrezza]) / 9 (insulin, regular, human 4 UNT Inhalation Powder [Afrezza]) / 9 (insulin, regular, human 8 UNT Inhalation Powder [Afrezza]) } Pack [Afrezza Sample Pack]
RxNorm	2644768	{9 (insulin, regular, human 12 UNT Inhalation Powder) / 9 (insulin, regular, human 4 UNT Inhalation Powder) / 9 (insulin, regular, human 8 UNT Inhalation Powder) } Pack Velosulin
RxNorm	11160	
RxNorm	106892	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Injectable Suspension [Humulin]
RxNorm	106894	insulin isophane, human 85 UNT/ML / insulin, regular, human 15 UNT/ML Injectable Suspension [Pur-In Mix]
RxNorm	106895	insulin isophane, human 75 UNT/ML / insulin, regular, human 25 UNT/ML Injectable Suspension [Pur-In Mix]
RxNorm	106896	insulin isophane, human 50 UNT/ML / insulin, regular, human 50 UNT/ML Injectable Suspension [Pur-In Mix]
RxNorm	106899	insulin isophane, human 90 UNT/ML / insulin, regular, human 10 UNT/ML Injectable Suspension [Humulin]
RxNorm	106900	insulin isophane, human 80 UNT/ML / insulin, regular, human 20 UNT/ML Injectable Suspension [Humulin]
RxNorm	106901	insulin isophane, human 60 UNT/ML / insulin, regular, human 40 UNT/ML Injectable Suspension [Humulin]
RxNorm	108407	insulin isophane, human 50 UNT/ML / insulin, regular, human 50 UNT/ML Injectable Suspension [Humulin]
RxNorm	1164824	insulin, regular, human Injectable Product
RxNorm	1171292	Human Actrapid Injectable Product
RxNorm	1171293	Human Actrapid Penfill Injectable Product
RxNorm	1171296	Human Mixtard Injectable Product
RxNorm	1171997	Humulin Injectable Product
RxNorm	1172692	Humulin R Injectable Product
RxNorm	1172693	Humulin S Injectable Product
RxNorm	1183566	Pur-In Mix Injectable Product
RxNorm	1183568	Pur-In Neutral Injectable Product

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1178125	Novolin Injectable Product
RxNorm	1178128	Novolin R Injectable Product
RxNorm	1187762	Velosulin Injectable Product
RxNorm	1359720	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Prefilled Syringe [Humulin]
RxNorm	1360172	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Prefilled Syringe
RxNorm	1360226	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Prefilled Syringe [Novolin]
RxNorm	1360482	insulin, regular, human 100 UNT/ML Prefilled Syringe
RxNorm	1360435	insulin, regular, human 100 UNT/ML Prefilled Syringe [Novolin R]
RxNorm	1372685	Human Mixtard
RxNorm	1372723	Novolin
RxNorm	1372744	Humulin
RxNorm	1372761	Pur-In Mix
RxNorm	150659	insulin, regular, human 100 UNT/ML Injectable Solution [Pur-In Neutral]
RxNorm	150831	insulin, regular, human 100 UNT/ML Injectable Solution [Human Actrapid Penfill]
RxNorm	150973	insulin, regular, human 100 UNT/ML Injectable Solution [Human Actrapid]
RxNorm	150974	insulin, regular, human 100 UNT/ML Injectable Solution [Humulin S]
RxNorm	1544488	insulin, regular, human 8 UNT Inhalation Powder
RxNorm	1544490	insulin, regular, human 8 UNT Inhalation Powder [Afrezza]
RxNorm	1544568	{60 (insulin, regular, human 4 UNT Inhalation Powder) / 30 (insulin, regular, human 8 UNT Inhalation Powder) } Pack
RxNorm	1544569	{60 (insulin, regular, human 4 UNT Inhalation Powder [Afrezza]) / 30 (insulin, regular, human 8 UNT Inhalation Powder [Afrezza]) } Pack [Afrezza 90 - 60 (4 UNT), 30 (8 UNT)]
RxNorm	1544570	{30 (insulin, regular, human 4 UNT Inhalation Powder) / 60 (insulin, regular, human 8 UNT Inhalation Powder) } Pack
RxNorm	1544571	{30 (insulin, regular, human 4 UNT Inhalation Powder [Afrezza]) / 60 (insulin, regular, human 8 UNT Inhalation Powder [Afrezza]) } Pack [Afrezza 90 - 30 (4 UNT), 60 (8 UNT)]
RxNorm	1543200	insulin, regular, human Inhalant Product
RxNorm	1543202	insulin, regular, human 4 UNT Inhalation Powder
RxNorm	1543203	Afrezza

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1543206	Afrezza Inhalant Product
RxNorm	1543207	insulin, regular, human 4 UNT Inhalation Powder [Afrezza]
RxNorm	152644	Human Actrapid
RxNorm	1650256	insulin, regular, human 4 UNT
RxNorm	1650260	insulin, regular, human 4 UNT [Afrezza]
RxNorm	1650262	insulin, regular, human 8 UNT
RxNorm	1650264	insulin, regular, human 8 UNT [Afrezza]
RxNorm	1653899	insulin isophane / insulin, regular, human Injectable Product
RxNorm	1654651	insulin isophane / insulin, regular, human Pen Injector
RxNorm	1654855	insulin isophane / insulin, regular, human Pen Injector [Humulin]
RxNorm	1654857	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Pen Injector
RxNorm	1654858	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Pen Injector [Humulin]
RxNorm	1654909	insulin, regular, human 12 UNT
RxNorm	1654910	insulin, regular, human 12 UNT Inhalation Powder
RxNorm	1654911	insulin, regular, human 12 UNT [Afrezza]
RxNorm	1654912	insulin, regular, human 12 UNT Inhalation Powder [Afrezza]
RxNorm	1656705	{30 (insulin, regular, human 12 UNT Inhalation Powder) / 60 (insulin, regular, human 8 UNT Inhalation Powder) } Pack
RxNorm	1656706	{30 (insulin, regular, human 12 UNT Inhalation Powder [Afrezza]) / 60 (insulin, regular, human 8 UNT Inhalation Powder [Afrezza]) } Pack [Afrezza 90 - 60 (8 UNT), 30 (12 UNT)]
RxNorm	1731314	insulin, regular, human Pen Injector
RxNorm	1731315	3 ML insulin, regular, human 500 UNT/ML Pen Injector
RxNorm	1731316	insulin, regular, human Pen Injector [Humulin R]
RxNorm	1731317	3 ML insulin, regular, human 500 UNT/ML Pen Injector [Humulin R]
RxNorm	1731318	insulin, regular, human 500 UNT/ML Pen Injector
RxNorm	1731319	insulin, regular, human 500 UNT/ML Pen Injector [Humulin R]
RxNorm	1798387	{90 (insulin, regular, human 4 UNT Inhalation Powder) / 90 (insulin, regular, human 8 UNT Inhalation Powder) } Pack
RxNorm	1798388	{90 (insulin, regular, human 4 UNT Inhalation Powder [Afrezza]) / 90 (insulin, regular, human 8 UNT Inhalation Powder [Afrezza]) } Pack [Afrezza Titration Pack]

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1862101	{60 (insulin, regular, human 12 UNT Inhalation Powder) / 60 (insulin, regular, human 4 UNT Inhalation Powder) / 60 (insulin, regular, human 8 UNT Inhalation Powder) } Pack
RxNorm	1862102	{60 (insulin, regular, human 12 UNT Inhalation Powder [Afrezza]) / 60 (insulin, regular, human 4 UNT Inhalation Powder [Afrezza]) / 60 (insulin, regular, human 8 UNT Inhalation Powder [Afrezza]) } Pack [Afrezza 180 Titration Pack- 60 (4 UNT), 60 (8 UNT), 60 (12 UNT)]
RxNorm	203209	Human Actrapid Penfill
RxNorm	2049379	insulin isophane / insulin, regular, human Pen Injector [Novolin]
RxNorm	2049380	3 ML insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Pen Injector [Novolin]
RxNorm	2049381	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Pen Injector [Novolin]
RxNorm	2100028	{90 (insulin, regular, human 12 UNT Inhalation Powder) / 90 (insulin, regular, human 8 UNT Inhalation Powder) } Pack
RxNorm	2100029	{90 (insulin, regular, human 12 UNT Inhalation Powder [Afrezza]) / 90 (insulin, regular, human 8 UNT Inhalation Powder [Afrezza]) } Pack [Afrezza 180 - 90 (8 UNT), 90 (12 UNT)]
RxNorm	2108525	insulin, regular, human Inhalation Powder
RxNorm	2108527	insulin, regular, human Inhalation Powder [Afrezza]
RxNorm	847186	insulin isophane / insulin, regular, human Prefilled Syringe
RxNorm	847187	3 ML insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Pen Injector
RxNorm	847188	insulin isophane / insulin, regular, human Prefilled Syringe [Humulin]
RxNorm	847189	3 ML insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Pen Injector [Humulin]
RxNorm	847194	insulin isophane / insulin, regular, human Prefilled Syringe [Novolin]
RxNorm	847202	insulin, regular, human Prefilled Syringe
RxNorm	847203	3 ML insulin, regular, human 100 UNT/ML Prefilled Syringe
RxNorm	847204	insulin, regular, human Prefilled Syringe [Novolin R]
RxNorm	847205	3 ML insulin, regular, human 100 UNT/ML Prefilled Syringe [Novolin R]
RxNorm	847256	1.5 ML insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Prefilled Syringe
RxNorm	847257	1.5 ML insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Prefilled Syringe [Novolin]

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	847343	1.5 ML insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Prefilled Syringe [Humulin]
RxNorm	847417	1.5 ML insulin, regular, human 100 UNT/ML Prefilled Syringe
RxNorm	92881	Humulin R
RxNorm	93560	Novolin R
RxNorm	575133	Insulin, Isophane, Human 50 UNT/ML / Insulin, Regular, Human 50 UNT/ML [Humulin 50/50]
RxNorm	106893	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Injectable Suspension [Human Mixtard 30]
RxNorm	108812	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Injectable Suspension [Human Mixtard 30 ge]
RxNorm	847195	3 ML insulin human, isophane 70 UNT/ML / Regular Insulin, Human 30 UNT/ML Prefilled Syringe [Novolin]
RxNorm	213441	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML Injectable Suspension [Humulin 70/30]
RxNorm	153122	Insulin, Isophane, Human 50 UNT/ML / Insulin, Regular, Human 50 UNT/ML Injectable Suspension [Human Mixtard 50]
RxNorm	311016	Insulin, Isophane, Human 50 UNT/ML / Insulin, Regular, Human 50 UNT/ML Injectable Suspension [Humulin 50/50]
RxNorm	564604	Insulin, Isophane, Human 50 UNT/ML / Insulin, Regular, Human 50 UNT/ML [Human Mixtard Penfill]
RxNorm	564394	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML [Human Mixtard 30]
RxNorm	564600	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML [Human Mixtard 30 ge]
RxNorm	564393	Insulin, Isophane, Human 70 UNT/ML / Insulin, Regular, Human 30 UNT/ML [Humulin M3]
RxNorm	1156396	NPH Insulin, Human / Regular Insulin, Human Injectable Product
RxNorm	1172689	Humulin M4 Injectable Product
RxNorm	1171298	Human Mixtard 50 Injectable Product
RxNorm	1172690	Humulin M5 Injectable Product
RxNorm	1183567	Pur-In Mix 50/50 Injectable Product
RxNorm	1183565	Pur-In Mix 15/85 Injectable Product
RxNorm	1172683	Humulin 70/30 Injectable Product
RxNorm	1172686	Humulin M1 Injectable Product
RxNorm	1171299	Human Mixtard Penfill Injectable Product
RxNorm	1171297	Human Mixtard 30 ge Injectable Product

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	213442	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Injectable Suspension [Novolin]
RxNorm	2179742	insulin, regular, human 1 UNT/ML
RxNorm	2179743	insulin, regular, human Injection
RxNorm	2179744	100 ML insulin, regular, human 1 UNT/ML Injection
RxNorm	2179745	Myxredlin
RxNorm	2179746	insulin, regular, human 1 UNT/ML [Myxredlin]
RxNorm	2179747	insulin, regular, human Injection [Myxredlin]
RxNorm	2179748	Myxredlin Injectable Product
RxNorm	2179749	100 ML insulin, regular, human 1 UNT/ML Injection [Myxredlin]
RxNorm	2179750	insulin, regular, human 1 UNT/ML Injection
RxNorm	2179751	insulin, regular, human 1 UNT/ML Injection [Myxredlin]
RxNorm	2206090	3 ML insulin, regular, human 100 UNT/ML Pen Injector
RxNorm	2206091	insulin, regular, human Pen Injector [Novolin R]
RxNorm	2206092	3 ML insulin, regular, human 100 UNT/ML Pen Injector [Novolin R]
RxNorm	2206093	insulin, regular, human 100 UNT/ML Pen Injector
RxNorm	2206094	insulin, regular, human 100 UNT/ML Pen Injector [Novolin R]
RxNorm	247511	insulin isophane, human 90 UNT/ML / insulin, regular, human 10 UNT/ML Injectable Suspension
RxNorm	247512	insulin isophane, human 80 UNT/ML / insulin, regular, human 20 UNT/ML Injectable Suspension
RxNorm	247513	insulin isophane, human 60 UNT/ML / insulin, regular, human 40 UNT/ML Injectable Suspension
RxNorm	249026	insulin, regular, human 40 UNT/ML Injectable Solution
RxNorm	245264	insulin isophane, human 85 UNT/ML / insulin, regular, human 15 UNT/ML Injectable Suspension
RxNorm	245265	insulin isophane, human 50 UNT/ML / insulin, regular, human 50 UNT/ML Injectable Suspension
RxNorm	249220	insulin, regular, human 500 UNT/ML Injectable Solution
RxNorm	311033	insulin, regular, human 100 UNT/ML Injectable Solution [Novolin R]
RxNorm	311034	insulin, regular, human 100 UNT/ML Injectable Solution
RxNorm	311035	insulin, regular, human 100 UNT/ML Injectable Solution [Velosulin]
RxNorm	311036	insulin, regular, human 100 UNT/ML Injectable Solution [Humulin R]
RxNorm	311048	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML Injectable Suspension
RxNorm	340325	insulin, regular, human 100 UNT/ML
RxNorm	340326	insulin, regular, human 40 UNT/ML

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	340327	insulin, regular, human 500 UNT/ML
RxNorm	351859	insulin, regular, human 500 UNT/ML Injectable Solution [Humulin R]
RxNorm	362622	insulin, regular, human Injectable Solution [Humulin R]
RxNorm	363120	insulin, regular, human Injectable Solution [Velosulin]
RxNorm	363221	insulin, regular, human Injectable Solution [Novolin R]
RxNorm	343083	insulin, regular, human 30 UNT/ML
RxNorm	343258	insulin, regular, human 50 UNT/ML
RxNorm	360894	insulin, regular, human 25 UNT/ML
RxNorm	359125	insulin, regular, human 15 UNT/ML
RxNorm	359126	insulin, regular, human 10 UNT/ML
RxNorm	359127	insulin, regular, human 20 UNT/ML
RxNorm	365668	insulin isophane / insulin, regular, human Injectable Suspension [Pur-In Mix]
RxNorm	365672	insulin isophane / insulin, regular, human Injectable Suspension [Novolin]
RxNorm	365679	insulin isophane / insulin, regular, human Injectable Suspension [Humulin]
RxNorm	392660	insulin isophane, human 75 UNT/ML / insulin, regular, human 25 UNT/ML Injectable Suspension
RxNorm	378857	insulin isophane / insulin, regular, human Injectable Suspension
RxNorm	376915	insulin, regular, human Injectable Solution
RxNorm	412978	insulin isophane, human 16 UNT/ML / insulin, regular, human 24 UNT/ML Injectable Suspension
RxNorm	379734	insulin, regular, human Injectable Solution [Humulin S]
RxNorm	379740	insulin isophane / insulin, regular, human Injectable Suspension [Human Mixtard]
RxNorm	379744	insulin, regular, human Injectable Solution [Human Actrapid]
RxNorm	379747	insulin, regular, human Injectable Solution [Human Actrapid Penfill]
RxNorm	385895	Pur-In Neutral
RxNorm	385896	insulin, regular, human Injectable Solution [Pur-In Neutral]
RxNorm	412453	insulin, regular, human 5 UNT/ML Injectable Solution
RxNorm	415088	insulin isophane, human 28 UNT/ML / insulin, regular, human 12 UNT/ML Injectable Suspension
RxNorm	415089	insulin isophane, human 30 UNT/ML / insulin, regular, human 10 UNT/ML Injectable Suspension
RxNorm	415090	insulin isophane, human 34 UNT/ML / insulin, regular, human 6 UNT/ML Injectable Suspension
RxNorm	415184	insulin isophane, human 32 UNT/ML / insulin, regular, human 8 UNT/ML Injectable Suspension

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	415185	insulin isophane, human 36 UNT/ML / insulin, regular, human 4 UNT/ML Injectable Suspension
RxNorm	440399	insulin, regular, human 24 UNT/ML
RxNorm	440650	insulin, regular, human 12 UNT/ML
RxNorm	440653	insulin, regular, human 6 UNT/ML
RxNorm	440654	insulin, regular, human 5 UNT/ML
RxNorm	451437	insulin, regular, human 8 UNT/ML
RxNorm	451439	insulin, regular, human 4 UNT/ML
RxNorm	564395	insulin isophane, human 85 UNT/ML / insulin, regular, human 15 UNT/ML [Pur-In Mix]
RxNorm	564396	insulin isophane, human 75 UNT/ML / insulin, regular, human 25 UNT/ML [Pur-In Mix]
RxNorm	564397	insulin isophane, human 50 UNT/ML / insulin, regular, human 50 UNT/ML [Pur-In Mix]
RxNorm	564399	insulin isophane, human 90 UNT/ML / insulin, regular, human 10 UNT/ML [Humulin]
RxNorm	564400	insulin isophane, human 80 UNT/ML / insulin, regular, human 20 UNT/ML [Humulin]
RxNorm	564401	insulin isophane, human 60 UNT/ML / insulin, regular, human 40 UNT/ML [Humulin]
RxNorm	5459	Humulin S
RxNorm	564531	insulin isophane, human 50 UNT/ML / insulin, regular, human 50 UNT/ML [Humulin]
RxNorm	564601	insulin isophane, human 90 UNT/ML / insulin, regular, human 10 UNT/ML [Human Mixtard]
RxNorm	564602	insulin isophane, human 80 UNT/ML / insulin, regular, human 20 UNT/ML [Human Mixtard]
RxNorm	564603	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML [Human Mixtard]
RxNorm	564605	insulin isophane, human 60 UNT/ML / insulin, regular, human 40 UNT/ML [Human Mixtard]
RxNorm	564766	insulin, regular, human 100 UNT/ML [Pur-In Neutral]
RxNorm	564820	insulin, regular, human 100 UNT/ML [Human Actrapid Penfill]
RxNorm	564881	insulin, regular, human 100 UNT/ML [Human Actrapid]
RxNorm	564882	insulin, regular, human 100 UNT/ML [Humulin S]
RxNorm	565176	insulin isophane, human 50 UNT/ML / insulin, regular, human 50 UNT/ML [Human Mixtard]
RxNorm	575146	insulin, regular, human 100 UNT/ML [Novolin R]
RxNorm	575147	insulin, regular, human 100 UNT/ML [Velosulin]
RxNorm	575148	insulin, regular, human 100 UNT/ML [Humulin R]
RxNorm	575628	insulin, regular, human 500 UNT/ML [Humulin R]

Continued on next page

Table17 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	573330	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML [Humulin]
RxNorm	573331	insulin isophane, human 70 UNT/ML / insulin, regular, human 30 UNT/ML [Novolin]

1.5.3 Sulfonylurea

Table 18: Concept codes used to identify Sulfonylurea medications.

CodeSystem	ConceptCode	ConceptName
RxNorm	10633	tolazamide
RxNorm	25789	glimepiride
RxNorm	4815	glyburide
RxNorm	4821	glipizide
RxNorm	368567	Glipizide / Metformin Oral Tablet [metaglip]
RxNorm	352301	Glipizide 5 MG / Metformin 500 MG Oral Tablet [metaglip]
RxNorm	352302	Glipizide 2.5 MG / Metformin 250 MG Oral Tablet [metaglip]
RxNorm	379801	Glipizide 24 Hour Extended Release Tablet [Glucotrol XL]
RxNorm	369372	Glyburide Oral Tablet [Glynase Pres-Tab]
RxNorm	379805	Glipizide 24 Hour Extended Release Tablet
RxNorm	368169	Glyburide / Metformin Oral Tablet [Glucovance]
RxNorm	352300	Glipizide 2.5 MG / Metformin 500 MG Oral Tablet [metaglip]
RxNorm	541898	Glyburide 1.5 MG Oral Tablet [Glyguride]
RxNorm	542065	Glyburide 6 MG [Gyburide]
RxNorm	575998	Glipizide 2.5 MG / Metformin 250 MG [metaglip]
RxNorm	575996	Glipizide 2.5 MG / Metformin 500 MG [metaglip]
RxNorm	541896	Glyburide 1.5 MG [Glyguride]
RxNorm	542067	Glyburide 6 MG Oral Tablet [Gyburide]
RxNorm	542066	Glyburide Oral Tablet [Gyburide]
RxNorm	541897	Glyburide Oral Tablet [Glyguride]
RxNorm	575997	Glipizide 5 MG / Metformin 500 MG [metaglip]
RxNorm	615211	glimepiride / rosiglitazone Oral Tablet [Avandaryl]
RxNorm	668563	glimepiride 4 MG / pioglitazone 30 MG Oral Tablet [Duetact]
RxNorm	706933	glimepiride 2 MG / rosiglitazone 8 MG Oral Tablet [Avandaryl]
RxNorm	668555	glimepiride / pioglitazone Oral Tablet [Duetact]
RxNorm	615918	glimepiride 4 MG / rosiglitazone 4 MG [Avandaryl]

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	615212	glimepiride 1 MG / rosiglitazone 4 MG Oral Tablet [Avandaryl]
RxNorm	668554	glimepiride 2 MG / pioglitazone 30 MG [Duetact]
RxNorm	668562	glimepiride 4 MG / pioglitazone 30 MG [Duetact]
RxNorm	700836	Glipizide 5 MG Extended Release Tablet
RxNorm	706932	glimepiride 2 MG / rosiglitazone 8 MG [Avandaryl]
RxNorm	731456	glimepiride / pioglitazone Oral Tablet [Duetact 30/4]
RxNorm	615214	glimepiride 2 MG / rosiglitazone 4 MG Oral Tablet [Avandaryl]
RxNorm	615919	glimepiride 4 MG / rosiglitazone 4 MG Oral Tablet [Avandaryl]
RxNorm	615210	glimepiride 1 MG / rosiglitazone 4 MG [Avandaryl]
RxNorm	668556	glimepiride 2 MG / pioglitazone 30 MG Oral Tablet [Duetact]
RxNorm	847723	glimepiride / rosiglitazone Oral Tablet [Avandaryl 8/4]
RxNorm	847719	glimepiride / rosiglitazone Oral Tablet [Avandaryl 8/2]
RxNorm	707181	glimepiride 4 MG / rosiglitazone 8 MG [Avandaryl]
RxNorm	615213	glimepiride 2 MG / rosiglitazone 4 MG [Avandaryl]
RxNorm	707182	glimepiride 4 MG / rosiglitazone 8 MG Oral Tablet [Avandaryl]
RxNorm	849593	Glipizide / Metformin Oral Tablet [Metaglip 2.5 MG/500 MG]
RxNorm	847715	glimepiride / rosiglitazone Oral Tablet [Avandaryl 4/1]
RxNorm	847711	glimepiride / rosiglitazone Oral Tablet [Avandaryl 4/2]
RxNorm	849589	Glipizide / Metformin Oral Tablet [Metaglip 5 MG/500 MG]
RxNorm	861746	Glyburide / Metformin Oral Tablet [Glucovance 1.25 MG/250 MG]
RxNorm	861751	Glyburide / Metformin Oral Tablet [Glucovance 2.5 MG/500 MG]
RxNorm	1185627	Metaglip 5 MG/500 MG Oral Product
RxNorm	1175663	Avandaryl 8/2 Pill
RxNorm	1175657	Avandaryl 4/1 Pill
RxNorm	1175661	Avandaryl 4/4 Pill
RxNorm	1008873	glyburide / phenformin
RxNorm	102845	glyburide 5 MG Oral Tablet [Daonil]
RxNorm	105371	glyburide 2.5 MG Oral Tablet [Calabren]
RxNorm	105372	glyburide 5 MG Oral Tablet [Calabren]
RxNorm	105373	glipizide 5 MG Oral Tablet [Minidiab]
RxNorm	1157121	tolazamide Oral Product
RxNorm	1157122	tolazamide Pill
RxNorm	1156197	glyburide / metformin Pill
RxNorm	1156198	glyburide / phenformin Oral Product

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1156199	glyburide / phenformin Pill
RxNorm	1156200	glyburide Oral Product
RxNorm	1156201	glyburide Pill
RxNorm	1157240	glimepiride / pioglitazone Oral Product
RxNorm	1157241	glimepiride / pioglitazone Pill
RxNorm	1157242	glimepiride / rosiglitazone Oral Product
RxNorm	1157243	glimepiride / rosiglitazone Pill
RxNorm	1157244	glimepiride Oral Product
RxNorm	1157245	glimepiride Pill
RxNorm	1166403	Duetact Oral Product
RxNorm	1166404	Duetact Pill
RxNorm	1165205	glipizide / metformin Oral Product
RxNorm	1165206	glipizide / metformin Pill
RxNorm	1165207	glipizide Oral Product
RxNorm	1165208	glipizide Pill
RxNorm	1165845	glyburide / metformin Oral Product
RxNorm	1170663	Amaryl Oral Product
RxNorm	1170664	Amaryl Pill
RxNorm	1170866	Calabren Oral Product
RxNorm	1170867	Calabren Pill
RxNorm	1171148	Euglucon Oral Product
RxNorm	1171149	Euglucon Pill
RxNorm	1171233	Glibenese Oral Product
RxNorm	1171234	Glibenese Pill
RxNorm	1171246	Glucotrol Oral Product
RxNorm	1171247	Glucotrol Pill
RxNorm	1171248	Glucovance Oral Product
RxNorm	1171249	Glucovance Pill
RxNorm	1171929	Glycron Oral Product
RxNorm	1171930	Glycron Pill
RxNorm	1171933	Glynase Oral Product
RxNorm	1171934	Glynase Pill
RxNorm	1171919	Glyburase Oral Product
RxNorm	1171920	Glyburase Pill
RxNorm	1175658	Avandaryl Oral Product
RxNorm	1175659	Avandaryl Pill
RxNorm	1175878	Diabeta Oral Product
RxNorm	1175879	Diabeta Pill
RxNorm	1175880	Diabetamide Oral Product
RxNorm	1175881	Diabetamide Pill
RxNorm	1168162	Daonil Oral Product
RxNorm	1168163	Daonil Pill
RxNorm	1179291	Minidiab Oral Product

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1179292	Minidiab Pill
RxNorm	1185049	Metaglip Oral Product
RxNorm	1179740	Malix Oral Product
RxNorm	1179741	Malix Pill
RxNorm	1177973	Tolinase Oral Product
RxNorm	1177974	Tolinase Pill
RxNorm	1186169	Libanil Oral Product
RxNorm	1186170	Libanil Pill
RxNorm	1178082	Micronase Oral Product
RxNorm	1178083	Micronase Pill
RxNorm	1178368	Semi-Daonil Oral Product
RxNorm	1178369	Semi-Daonil Pill
RxNorm	1185624	Metaglip Pill
RxNorm	1361492	glimepiride 6 MG
RxNorm	1361493	glimepiride 6 MG Oral Tablet
RxNorm	1361494	glimepiride 8 MG
RxNorm	1361495	glimepiride 8 MG Oral Tablet
RxNorm	151466	Calabren
RxNorm	151615	Diabetamide
RxNorm	151725	Euglucon
RxNorm	151822	Glibenese
RxNorm	153842	glimepiride 3 MG Oral Tablet
RxNorm	153843	glimepiride 1 MG Oral Tablet [Amaryl]
RxNorm	153844	glimepiride 3 MG Oral Tablet [Amaryl]
RxNorm	153845	glimepiride 4 MG Oral Tablet [Amaryl]
RxNorm	152651	Malix
RxNorm	153591	glimepiride 2 MG Oral Tablet [Amaryl]
RxNorm	153592	Amaryl
RxNorm	197737	glyburide 1.25 MG Oral Tablet
RxNorm	199245	glimepiride 1 MG Oral Tablet
RxNorm	199246	glimepiride 2 MG Oral Tablet
RxNorm	199247	glimepiride 4 MG Oral Tablet
RxNorm	198291	tolazamide 100 MG Oral Tablet
RxNorm	198292	tolazamide 250 MG Oral Tablet
RxNorm	198293	tolazamide 500 MG Oral Tablet
RxNorm	203289	Micronase
RxNorm	203295	Diabeta
RxNorm	203296	Daonil
RxNorm	201921	glipizide 5 MG Oral Tablet [Glibenese]
RxNorm	201922	glipizide 2.5 MG Oral Tablet [Minidiab]
RxNorm	203679	Minidiab
RxNorm	203680	Glucotrol
RxNorm	201056	glyburide 2.5 MG Oral Tablet [Libanil]

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	201057	glyburide 2.5 MG Oral Tablet [Semi-Daonil]
RxNorm	201058	glyburide 2.5 MG Oral Tablet [Euglucon]
RxNorm	201059	glyburide 2.5 MG Oral Tablet [Malix]
RxNorm	201060	glyburide 2.5 MG Oral Tablet [Diabetamide]
RxNorm	201061	glyburide 5 MG Oral Tablet [Libanil]
RxNorm	201062	glyburide 5 MG Oral Tablet [Euglucon]
RxNorm	201063	glyburide 5 MG Oral Tablet [Malix]
RxNorm	201064	glyburide 5 MG Oral Tablet [Diabetamide]
RxNorm	205828	glipizide 5 MG Oral Tablet [Glucotrol]
RxNorm	205830	glipizide 10 MG Oral Tablet [Glucotrol]
RxNorm	205872	glyburide 1.25 MG Oral Tablet [Diabeta]
RxNorm	205873	glyburide 1.25 MG Oral Tablet [Micronase]
RxNorm	205875	glyburide 2.5 MG Oral Tablet [Diabeta]
RxNorm	205876	glyburide 2.5 MG Oral Tablet [Micronase]
RxNorm	205879	glyburide 5 MG Oral Tablet [Diabeta]
RxNorm	205880	glyburide 5 MG Oral Tablet [Micronase]
RxNorm	207953	tolazamide 100 MG Oral Tablet [Tolinase]
RxNorm	207954	tolazamide 250 MG Oral Tablet [Tolinase]
RxNorm	207955	tolazamide 500 MG Oral Tablet [Tolinase]
RxNorm	844809	glipizide 2.5 MG Extended Release Oral Tablet
RxNorm	844824	glipizide 5 MG Extended Release Oral Tablet
RxNorm	844827	glipizide 10 MG Extended Release Oral Tablet
RxNorm	849585	glipizide / metformin Oral Tablet [Metaglip]
RxNorm	847708	glimepiride 4 MG / rosiglitazone 4 MG Oral Tablet [Avandaryl]
RxNorm	847706	glimepiride 4 MG / rosiglitazone 4 MG [Avandaryl]
RxNorm	847707	glimepiride / rosiglitazone Oral Tablet [Avandaryl]
RxNorm	847710	glimepiride 2 MG / rosiglitazone 4 MG [Avandaryl]
RxNorm	847712	glimepiride 2 MG / rosiglitazone 4 MG Oral Tablet [Avandaryl]
RxNorm	847714	glimepiride 1 MG / rosiglitazone 4 MG [Avandaryl]
RxNorm	847716	glimepiride 1 MG / rosiglitazone 4 MG Oral Tablet [Avandaryl]
RxNorm	847718	glimepiride 2 MG / rosiglitazone 8 MG [Avandaryl]
RxNorm	847720	glimepiride 2 MG / rosiglitazone 8 MG Oral Tablet [Avandaryl]
RxNorm	847722	glimepiride 4 MG / rosiglitazone 8 MG [Avandaryl]
RxNorm	847724	glimepiride 4 MG / rosiglitazone 8 MG Oral Tablet [Avandaryl]
RxNorm	861731	glipizide 2.5 MG / metformin hydrochloride 250 MG Oral Tablet
RxNorm	861732	glipizide 2.5 MG / metformin hydrochloride 250 MG [Metaglip]

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	861733	glipizide 2.5 MG / metformin hydrochloride 250 MG Oral Tablet [Metaglip]
RxNorm	861736	glipizide 2.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	861737	glipizide 2.5 MG / metformin hydrochloride 500 MG [Metaglip]
RxNorm	861738	glipizide 2.5 MG / metformin hydrochloride 500 MG Oral Tablet [Metaglip]
RxNorm	861740	glipizide 5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	861741	glipizide 5 MG / metformin hydrochloride 500 MG [Metaglip]
RxNorm	861742	glipizide 5 MG / metformin hydrochloride 500 MG Oral Tablet [Metaglip]
RxNorm	861743	glyburide 1.25 MG / metformin hydrochloride 250 MG Oral Tablet
RxNorm	861745	glyburide 1.25 MG / metformin hydrochloride 250 MG [Glucoavance]
RxNorm	861747	glyburide 1.25 MG / metformin hydrochloride 250 MG Oral Tablet [Glucoavance]
RxNorm	861748	glyburide 2.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	861750	glyburide 2.5 MG / metformin hydrochloride 500 MG [Glucoavance]
RxNorm	861752	glyburide 2.5 MG / metformin hydrochloride 500 MG Oral Tablet [Glucoavance]
RxNorm	861753	glyburide 5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	861755	glyburide 5 MG / metformin hydrochloride 500 MG [Glucoavance]
RxNorm	861756	glyburide / metformin Oral Tablet [Glucoavance]
RxNorm	861757	glyburide 5 MG / metformin hydrochloride 500 MG Oral Tablet [Glucoavance]
RxNorm	881404	Glynase
RxNorm	881405	glyburide 1.5 MG [Glynase]
RxNorm	881406	glyburide Oral Tablet [Glynase]
RxNorm	881407	glyburide 1.5 MG Oral Tablet [Glynase]
RxNorm	881408	glyburide 3 MG [Glynase]
RxNorm	881409	glyburide 3 MG Oral Tablet [Glynase]
RxNorm	881410	glyburide 6 MG [Glynase]
RxNorm	881411	glyburide 6 MG Oral Tablet [Glynase]
RxNorm	865567	glipizide Extended Release Oral Tablet [Glucotrol]

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	865568	24 HR glipizide 10 MG Extended Release Oral Tablet [Glucotrol]
RxNorm	865569	glipizide 10 MG Extended Release Oral Tablet [Glucotrol]
RxNorm	865570	glipizide 2.5 MG [Glucotrol]
RxNorm	865571	24 HR glipizide 2.5 MG Extended Release Oral Tablet [Glucotrol]
RxNorm	865572	glipizide 2.5 MG Extended Release Oral Tablet [Glucotrol]
RxNorm	865573	24 HR glipizide 5 MG Extended Release Oral Tablet [Glucotrol]
RxNorm	865574	glipizide 5 MG Extended Release Oral Tablet [Glucotrol]
RxNorm	93312	glyburide Oral Tablet [Micronase]
RxNorm	284433	Glyburide 5 MG / Metformin 500 MG Oral Tablet [Glucovance]
RxNorm	284432	Glyburide 2.5 MG / Metformin 500 MG Oral Tablet [Glucovance]
RxNorm	351273	Glipizide 2.5 MG / Metformin 500 MG Oral Tablet
RxNorm	351275	Glipizide 2.5 MG / Metformin 250 MG Oral Tablet
RxNorm	261311	Glipizide 2.5 MG 24 Hour Extended Release Tablet [Glucotrol XL]
RxNorm	205829	Glipizide 5 MG 24 Hour Extended Release Tablet [Glucotrol XL]
RxNorm	284431	Glyburide 1.25 MG / Metformin 250 MG Oral Tablet [Glucovance]
RxNorm	205881	Glyburide 6 MG Oral Tablet [Glynase Pres-Tab]
RxNorm	205877	Glyburide 3 MG Oral Tablet [Glynase Pres-Tab]
RxNorm	205831	Glipizide 10 MG 24 Hour Extended Release Tablet [Glucotrol XL]
RxNorm	205874	Glyburide 1.5 MG Oral Tablet [Glynase Pres-Tab]
RxNorm	351274	Glipizide 5 MG / Metformin 500 MG Oral Tablet
RxNorm	566719	Glipizide 5 MG [Glucotrol XL]
RxNorm	566721	Glipizide 10 MG [Glucotrol XL]
RxNorm	574533	Glipizide 2.5 MG [Glucotrol XL]
RxNorm	566763	Glyburide 1.5 MG [Glynase Pres-Tab]
RxNorm	574869	Glyburide 1.25 MG / Metformin 250 MG [Glucovance]
RxNorm	566770	Glyburide 6 MG [Glynase Pres-Tab]
RxNorm	574871	Glyburide 5 MG / Metformin 500 MG [Glucovance]
RxNorm	566766	Glyburide 3 MG [Glynase Pres-Tab]
RxNorm	574870	Glyburide 2.5 MG / Metformin 500 MG [Glucovance]
RxNorm	310538	Glyburide 5 MG / Metformin 500 MG Oral Tablet
RxNorm	310535	Glyburide 2.5 MG / Metformin 500 MG Oral Tablet
RxNorm	310533	Glyburide 1.25 MG / Metformin 250 MG Oral Tablet
RxNorm	1185628	Metaglip 5 MG/500 MG Pill
RxNorm	1175664	Avandaryl 8/4 Oral Product

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1166405	Duetact 30/4 Oral Product
RxNorm	1185625	Metaglip 2.5 MG/500 MG Oral Product
RxNorm	1171251	Glucovance 2.5 MG/500 MG Pill
RxNorm	1166406	Duetact 30/4 Pill
RxNorm	1185626	Metaglip 2.5 MG/500 MG Pill
RxNorm	1175660	Avandaryl 4/4 Oral Product
RxNorm	1175662	Avandaryl 8/2 Oral Product
RxNorm	1171253	Glucovance 5 MG/500 MG Pill
RxNorm	1171250	Glucovance 2.5 MG/500 MG Oral Product
RxNorm	1175665	Avandaryl 8/4 Pill
RxNorm	1171252	Glucovance 5 MG/500 MG Oral Product
RxNorm	1175656	Avandaryl 4/1 Oral Product
RxNorm	220338	Tolinase
RxNorm	225613	Semi-Daonil
RxNorm	246391	glyburide 2.5 MG / phenformin 25 MG Oral Tablet
RxNorm	246524	glyburide 5 MG / phenformin 50 MG Oral Tablet
RxNorm	250919	glyburide 2.5 MG / metformin 400 MG Oral Tablet
RxNorm	284743	Glucovance
RxNorm	261351	glyburide 4.5 MG Oral Tablet [Glycron]
RxNorm	252960	glyburide 4.5 MG Oral Tablet
RxNorm	285129	glyburide / metformin
RxNorm	261532	Glycron
RxNorm	261974	glyburide 3 MG Oral Tablet [Glycron]
RxNorm	260286	glyburide 1.5 MG Oral Tablet [Glycron]
RxNorm	260287	glyburide 6 MG Oral Tablet [Glycron]
RxNorm	310488	glipizide 10 MG Oral Tablet
RxNorm	310489	24 HR glipizide 2.5 MG Extended Release Oral Tablet
RxNorm	310490	glipizide 5 MG Oral Tablet
RxNorm	310534	glyburide 2.5 MG Oral Tablet
RxNorm	310536	glyburide 3 MG Oral Tablet
RxNorm	310537	glyburide 5 MG Oral Tablet
RxNorm	310539	glyburide 6 MG Oral Tablet
RxNorm	313418	tolazamide 250 MG Oral Capsule
RxNorm	314000	glyburide 1.5 MG Oral Tablet
RxNorm	314006	24 HR glipizide 5 MG Extended Release Oral Tablet
RxNorm	315107	24 HR glipizide 10 MG Extended Release Oral Tablet
RxNorm	316832	tolazamide 100 MG
RxNorm	316833	tolazamide 250 MG
RxNorm	316834	tolazamide 500 MG
RxNorm	315978	glimepiride 1 MG
RxNorm	315979	glimepiride 4 MG
RxNorm	315980	glipizide 5 MG
RxNorm	315987	glyburide 1.25 MG

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	315988	glyburide 1.5 MG
RxNorm	315989	glyburide 2.5 MG
RxNorm	315990	glyburide 3 MG
RxNorm	315991	glyburide 5 MG
RxNorm	315992	glyburide 6 MG
RxNorm	317379	glipizide 10 MG
RxNorm	317637	glimepiride 2 MG
RxNorm	331496	glyburide 4.5 MG
RxNorm	330349	glipizide 2.5 MG
RxNorm	352381	glipizide / metformin
RxNorm	352764	Metaglip
RxNorm	367762	glimepiride Oral Tablet [Amaryl]
RxNorm	368204	glyburide Oral Tablet [Glycron]
RxNorm	369304	tolazamide Oral Tablet [Tolinase]
RxNorm	369373	glyburide Oral Tablet [Diabeta]
RxNorm	369500	glipizide Oral Tablet [Glucotrol]
RxNorm	369557	glyburide Oral Tablet [Semi-Daonil]
RxNorm	369562	glyburide Oral Tablet [Daonil]
RxNorm	374635	glyburide / metformin Oral Tablet
RxNorm	375952	tolazamide Oral Capsule
RxNorm	379803	glipizide Oral Tablet [Glibenese]
RxNorm	379804	glipizide 2.5 MG Oral Tablet
RxNorm	380849	glimepiride 3 MG
RxNorm	372319	glimepiride Oral Tablet
RxNorm	372320	glipizide Oral Tablet
RxNorm	372333	glyburide Oral Tablet
RxNorm	372334	glyburide / phenformin Oral Tablet
RxNorm	378730	glipizide / metformin Oral Tablet
RxNorm	374149	tolazamide Oral Tablet
RxNorm	379559	glyburide Oral Tablet [Euglucon]
RxNorm	379565	glyburide Oral Tablet [Diabetamide]
RxNorm	379568	glyburide Oral Tablet [Malix]
RxNorm	379570	glyburide Oral Tablet [Calabren]
RxNorm	379571	Libanil
RxNorm	379572	glyburide Oral Tablet [Libanil]
RxNorm	379802	glipizide Oral Tablet [Minidiab]
RxNorm	429841	glyburide 5 MG / metformin 1000 MG Oral Tablet
RxNorm	430102	glyburide 3.5 MG Oral Tablet
RxNorm	430103	glyburide 1.75 MG Oral Tablet
RxNorm	430104	glyburide 1 MG Oral Tablet
RxNorm	440285	glyburide 1.75 MG
RxNorm	440286	glyburide 1 MG
RxNorm	440287	glyburide 3.5 MG

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	563154	glyburide 5 MG [Daonil]
RxNorm	566056	glipizide 5 MG [Glibenese]
RxNorm	566057	glipizide 2.5 MG [Minidiab]
RxNorm	565327	glimepiride 2 MG [Amaryl]
RxNorm	565408	glimepiride 1 MG [Amaryl]
RxNorm	565409	glimepiride 3 MG [Amaryl]
RxNorm	565410	glimepiride 4 MG [Amaryl]
RxNorm	568684	tolazamide 100 MG [Tolinase]
RxNorm	568685	tolazamide 250 MG [Tolinase]
RxNorm	568686	tolazamide 500 MG [Tolinase]
RxNorm	564036	glyburide 2.5 MG [Calabren]
RxNorm	564037	glyburide 5 MG [Calabren]
RxNorm	564038	glipizide 5 MG [Minidiab]
RxNorm	566718	glipizide 5 MG [Glucotrol]
RxNorm	566720	glipizide 10 MG [Glucotrol]
RxNorm	566761	glyburide 1.25 MG [Diabeta]
RxNorm	566762	glyburide 1.25 MG [Micronase]
RxNorm	566764	glyburide 2.5 MG [Diabeta]
RxNorm	566765	glyburide 2.5 MG [Micronase]
RxNorm	566768	glyburide 5 MG [Diabeta]
RxNorm	566769	glyburide 5 MG [Micronase]
RxNorm	565667	glyburide 2.5 MG [Libanil]
RxNorm	565668	glyburide 2.5 MG [Semi-Daonil]
RxNorm	565669	glyburide 2.5 MG [Euglucon]
RxNorm	565670	glyburide 2.5 MG [Malix]
RxNorm	565671	glyburide 2.5 MG [Diabetamide]
RxNorm	565672	glyburide 5 MG [Libanil]
RxNorm	565673	glyburide 5 MG [Euglucon]
RxNorm	565674	glyburide 5 MG [Malix]
RxNorm	565675	glyburide 5 MG [Diabetamide]
RxNorm	574612	glyburide 3 MG [Glycron]
RxNorm	606253	glimepiride / rosiglitazone
RxNorm	602543	glimepiride / rosiglitazone Oral Tablet
RxNorm	602544	glimepiride 1 MG / rosiglitazone 4 MG Oral Tablet
RxNorm	602549	glimepiride 2 MG / rosiglitazone 4 MG Oral Tablet
RxNorm	602550	glimepiride 4 MG / rosiglitazone 4 MG Oral Tablet
RxNorm	607816	Avandaryl
RxNorm	574089	glyburide 1.5 MG [Glycron]
RxNorm	574090	glyburide 6 MG [Glycron]
RxNorm	574571	glyburide 4.5 MG [Glycron]
RxNorm	669980	Glyburase
RxNorm	669981	glyburide 1.25 MG [Glyburase]
RxNorm	669982	glyburide Oral Tablet [Glyburase]

Continued on next page

Table18 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	669983	glyburide 1.25 MG Oral Tablet [Glyburase]
RxNorm	669984	glyburide 2.5 MG [Glyburase]
RxNorm	669985	glyburide 2.5 MG Oral Tablet [Glyburase]
RxNorm	669986	glyburide 5 MG [Glyburase]
RxNorm	669987	glyburide 5 MG Oral Tablet [Glyburase]
RxNorm	647208	Duetact
RxNorm	647235	glimepiride / pioglitazone
RxNorm	647236	glimepiride / pioglitazone Oral Tablet
RxNorm	647237	glimepiride 2 MG / pioglitazone 30 MG Oral Tablet
RxNorm	647239	glimepiride 4 MG / pioglitazone 30 MG Oral Tablet
RxNorm	700835	glipizide Extended Release Oral Tablet
RxNorm	706895	glimepiride 2 MG / rosiglitazone 8 MG Oral Tablet
RxNorm	706896	glimepiride 4 MG / rosiglitazone 8 MG Oral Tablet
RxNorm	731455	glimepiride 4 MG / pioglitazone 30 MG [Duetact]
RxNorm	731457	glimepiride 4 MG / pioglitazone 30 MG Oral Tablet [Duetact]
RxNorm	731461	glimepiride 2 MG / pioglitazone 30 MG [Duetact]
RxNorm	731462	glimepiride / pioglitazone Oral Tablet [Duetact]
RxNorm	731463	glimepiride 2 MG / pioglitazone 30 MG Oral Tablet [Duetact]

1.5.4 SGLT2 Inhibitors

Table 19: Concept codes used to identify SGLT2i medications.

CodeSystem	ConceptCode	ConceptName
RxNorm	1488564	dapagliflozin
RxNorm	1545653	empagliflozin
RxNorm	1546031	canagliflozin anhydrous
RxNorm	1373458	canagliflozin
RxNorm	1373459	canagliflozin 100 MG
RxNorm	1373460	canagliflozin Oral Product
RxNorm	1373461	canagliflozin Pill
RxNorm	1373462	canagliflozin Oral Tablet
RxNorm	1373463	canagliflozin 100 MG Oral Tablet
RxNorm	1373464	Invokana
RxNorm	1373465	canagliflozin 100 MG [Invokana]
RxNorm	1373466	canagliflozin Oral Tablet [Invokana]
RxNorm	1373467	Invokana Oral Product
RxNorm	1373468	Invokana Pill
RxNorm	1373469	canagliflozin 100 MG Oral Tablet [Invokana]

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1373470	canagliflozin 300 MG
RxNorm	1373471	canagliflozin 300 MG Oral Tablet
RxNorm	1373472	canagliflozin 300 MG [Invokana]
RxNorm	1373473	canagliflozin 300 MG Oral Tablet [Invokana]
RxNorm	1486436	dapagliflozin / metformin
RxNorm	1486972	Farxiga
RxNorm	1486975	Farxiga Oral Product
RxNorm	1486976	Farxiga Pill
RxNorm	1486977	dapagliflozin 10 MG Oral Tablet [Farxiga]
RxNorm	1486981	dapagliflozin 5 MG Oral Tablet [Farxiga]
RxNorm	1488565	dapagliflozin 10 MG
RxNorm	1488566	dapagliflozin Oral Product
RxNorm	1488567	dapagliflozin Pill
RxNorm	1488568	dapagliflozin Oral Tablet
RxNorm	1488569	dapagliflozin 10 MG Oral Tablet
RxNorm	1488573	dapagliflozin 5 MG
RxNorm	1488574	dapagliflozin 5 MG Oral Tablet
RxNorm	1534343	dapagliflozin Oral Tablet [Farxiga]
RxNorm	1534344	dapagliflozin 5 MG [Farxiga]
RxNorm	1534397	dapagliflozin 10 MG [Farxiga]
RxNorm	1545145	canagliflozin 150 MG
RxNorm	1545146	canagliflozin / metformin Oral Product
RxNorm	1545147	canagliflozin / metformin Pill
RxNorm	1545148	canagliflozin / metformin Oral Tablet
RxNorm	1545149	canagliflozin / metformin
RxNorm	1545150	canagliflozin 150 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1545151	Invokamet
RxNorm	1545152	canagliflozin 150 MG / metformin hydrochloride 1000 MG [Invokamet]
RxNorm	1545153	canagliflozin / metformin Oral Tablet [Invokamet]
RxNorm	1545154	Invokamet Oral Product
RxNorm	1545155	Invokamet Pill
RxNorm	1545156	canagliflozin 150 MG / metformin hydrochloride 1000 MG Oral Tablet [Invokamet]
RxNorm	1545157	canagliflozin 150 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1545158	canagliflozin 150 MG / metformin hydrochloride 500 MG [Invokamet]
RxNorm	1545159	canagliflozin 150 MG / metformin hydrochloride 500 MG Oral Tablet [Invokamet]
RxNorm	1545160	canagliflozin 50 MG

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1545161	canagliflozin 50 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1545162	canagliflozin 50 MG / metformin hydrochloride 1000 MG [Invokamet]
RxNorm	1545163	canagliflozin 50 MG / metformin hydrochloride 1000 MG Oral Tablet [Invokamet]
RxNorm	1545164	canagliflozin 50 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1545165	canagliflozin 50 MG / metformin hydrochloride 500 MG [Invokamet]
RxNorm	1545166	canagliflozin 50 MG / metformin hydrochloride 500 MG Oral Tablet [Invokamet]
RxNorm	1545654	empagliflozin 10 MG
RxNorm	1545655	empagliflozin Oral Product
RxNorm	1545656	empagliflozin Pill
RxNorm	1545657	empagliflozin Oral Tablet
RxNorm	1545658	empagliflozin 10 MG Oral Tablet
RxNorm	1545659	Jardiance
RxNorm	1545660	empagliflozin 10 MG [Jardiance]
RxNorm	1545661	empagliflozin Oral Tablet [Jardiance]
RxNorm	1545662	Jardiance Oral Product
RxNorm	1545663	Jardiance Pill
RxNorm	1545664	empagliflozin 10 MG Oral Tablet [Jardiance]
RxNorm	1545665	empagliflozin 25 MG
RxNorm	1545666	empagliflozin 25 MG Oral Tablet
RxNorm	1545667	empagliflozin 25 MG [Jardiance]
RxNorm	1545668	empagliflozin 25 MG Oral Tablet [Jardiance]
RxNorm	1593057	dapagliflozin / metformin Extended Release Oral Tablet
RxNorm	1593058	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1593059	dapagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1593068	24 HR dapagliflozin 10 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1593069	dapagliflozin 10 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1593070	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1593071	dapagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1593072	24 HR dapagliflozin 5 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1593073	dapagliflozin 5 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1593774	dapagliflozin / metformin Extended Release Oral Tablet [Xigduo]
RxNorm	1593775	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593776	dapagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593826	dapagliflozin 10 MG / metformin hydrochloride 500 MG [Xigduo]
RxNorm	1593827	dapagliflozin 10 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593828	dapagliflozin 5 MG / metformin hydrochloride 1000 MG [Xigduo]
RxNorm	1593829	dapagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593830	dapagliflozin 5 MG / metformin hydrochloride 500 MG [Xigduo]
RxNorm	1593831	24 HR dapagliflozin 5 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593832	dapagliflozin 5 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593833	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1593835	24 HR dapagliflozin 10 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1598392	empagliflozin / linagliptin
RxNorm	1602106	empagliflozin / linagliptin Oral Product
RxNorm	1602107	empagliflozin / linagliptin Pill
RxNorm	1602108	empagliflozin / linagliptin Oral Tablet
RxNorm	1602109	empagliflozin 10 MG / linagliptin 5 MG Oral Tablet
RxNorm	1602110	Glyxambi
RxNorm	1602111	empagliflozin 10 MG / linagliptin 5 MG [Glyxambi]
RxNorm	1602112	empagliflozin / linagliptin Oral Tablet [Glyxambi]
RxNorm	1602113	Glyxambi Oral Product
RxNorm	1602114	Glyxambi Pill
RxNorm	1602115	empagliflozin 10 MG / linagliptin 5 MG Oral Tablet [Glyxambi]
RxNorm	1602118	empagliflozin 25 MG / linagliptin 5 MG Oral Tablet
RxNorm	1602119	empagliflozin 25 MG / linagliptin 5 MG [Glyxambi]
RxNorm	1602120	empagliflozin 25 MG / linagliptin 5 MG Oral Tablet [Glyxambi]
RxNorm	1592709	dapagliflozin / metformin Oral Product

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1592710	dapagliflozin / metformin Pill
RxNorm	1592713	Xigduo
RxNorm	1592716	Xigduo Oral Product
RxNorm	1592717	Xigduo Pill
RxNorm	1592722	dapagliflozin 10 MG / metformin hydrochloride 1000 MG [Xigduo]
RxNorm	1664310	empagliflozin 5 MG
RxNorm	1664311	empagliflozin / metformin Oral Product
RxNorm	1664312	empagliflozin / metformin Pill
RxNorm	1664313	empagliflozin / metformin Oral Tablet
RxNorm	1664314	empagliflozin / metformin
RxNorm	1664315	empagliflozin 5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1664316	Synjardy
RxNorm	1664317	empagliflozin 5 MG / metformin hydrochloride 500 MG [Synjardy]
RxNorm	1664318	empagliflozin / metformin Oral Tablet [Synjardy]
RxNorm	1664319	Synjardy Oral Product
RxNorm	1664320	Synjardy Pill
RxNorm	1664321	empagliflozin 5 MG / metformin hydrochloride 500 MG Oral Tablet [Synjardy]
RxNorm	1664322	empagliflozin 12.5 MG
RxNorm	1664323	empagliflozin 12.5 MG / metformin hydrochloride 500 MG Oral Tablet
RxNorm	1664324	empagliflozin 12.5 MG / metformin hydrochloride 500 MG [Synjardy]
RxNorm	1664325	empagliflozin 12.5 MG / metformin hydrochloride 500 MG Oral Tablet [Synjardy]
RxNorm	1664326	empagliflozin 5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1664327	empagliflozin 5 MG / metformin hydrochloride 1000 MG [Synjardy]
RxNorm	1664328	empagliflozin 5 MG / metformin hydrochloride 1000 MG Oral Tablet [Synjardy]
RxNorm	1665367	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1665368	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG [Synjardy]
RxNorm	1665369	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Oral Tablet [Synjardy]
RxNorm	1727500	dapagliflozin / saxagliptin
RxNorm	1810996	canagliflozin / metformin Extended Release Oral Tablet

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1810997	24 HR canagliflozin 150 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1810998	canagliflozin / metformin Extended Release Oral Tablet [Invokamet]
RxNorm	1810999	24 HR canagliflozin 150 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811000	canagliflozin 150 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1811001	canagliflozin 150 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811002	24 HR canagliflozin 150 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1811003	24 HR canagliflozin 150 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811004	canagliflozin 150 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1811005	canagliflozin 150 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811006	24 HR canagliflozin 50 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1811007	24 HR canagliflozin 50 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1862684	empagliflozin / metformin Extended Release Oral Tablet
RxNorm	1862685	24 HR empagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862686	empagliflozin 10 MG / metformin hydrochloride 1000 MG [Synjardy]
RxNorm	1862687	empagliflozin / metformin Extended Release Oral Tablet [Synjardy]
RxNorm	1862688	24 HR empagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862689	empagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862690	empagliflozin 10 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862691	24 HR empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862692	24 HR empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862693	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1811008	canagliflozin 50 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1811009	canagliflozin 50 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811010	24 HR canagliflozin 50 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1811011	24 HR canagliflozin 50 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1811012	canagliflozin 50 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet
RxNorm	1811013	canagliflozin 50 MG / metformin hydrochloride 500 MG Extended Release Oral Tablet [Invokamet]
RxNorm	1862694	empagliflozin 12.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862695	24 HR empagliflozin 25 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862696	empagliflozin 25 MG / metformin hydrochloride 1000 MG [Synjardy]
RxNorm	1862697	24 HR empagliflozin 25 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862698	empagliflozin 25 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862699	empagliflozin 25 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862700	24 HR empagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862701	24 HR empagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1862702	empagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1862703	empagliflozin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Synjardy]
RxNorm	1925495	dapagliflozin / saxagliptin Oral Product
RxNorm	1925496	dapagliflozin / saxagliptin Pill
RxNorm	1925497	dapagliflozin / saxagliptin Oral Tablet
RxNorm	1925498	dapagliflozin 10 MG / saxagliptin 5 MG Oral Tablet
RxNorm	1925499	Qtern
RxNorm	1925500	dapagliflozin 10 MG / saxagliptin 5 MG [Qtern]
RxNorm	1925501	dapagliflozin / saxagliptin Oral Tablet [Qtern]
RxNorm	1925502	Qtern Oral Product
RxNorm	1925503	Qtern Pill
RxNorm	1925504	dapagliflozin 10 MG / saxagliptin 5 MG Oral Tablet [Qtern]
RxNorm	1940495	dapagliflozin 2.5 MG
RxNorm	1940496	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1940497	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG [Xigduo]
RxNorm	1940498	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	1940499	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1940500	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Xigduo]
RxNorm	2117292	dapagliflozin / metformin / saxagliptin
RxNorm	2169274	dapagliflozin 5 MG / saxagliptin 5 MG Oral Tablet
RxNorm	2169275	dapagliflozin 5 MG / saxagliptin 5 MG [Qtern]
RxNorm	2169276	dapagliflozin 5 MG / saxagliptin 5 MG Oral Tablet [Qtern]
RxNorm	2281864	empagliflozin / linagliptin / metformin
RxNorm	2371722	dapagliflozin / metformin / saxagliptin Oral Product
RxNorm	2371723	dapagliflozin / metformin / saxagliptin Pill
RxNorm	2371724	dapagliflozin / metformin / saxagliptin Extended Release Oral Tablet
RxNorm	2371725	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371726	Qternmet
RxNorm	2371727	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG [Qternmet]
RxNorm	2371728	dapagliflozin / metformin / saxagliptin Extended Release Oral Tablet [Qternmet]
RxNorm	2371729	Qternmet Oral Product
RxNorm	2371730	Qternmet Pill
RxNorm	2371731	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371732	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371733	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371734	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371735	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG [Qternmet]
RxNorm	2371736	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371737	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2371738	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371740	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371741	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG [Qternmet]
RxNorm	2371742	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371743	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371744	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371745	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371746	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG [Qternmet]
RxNorm	2371747	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371748	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371749	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2359276	empagliflozin / linagliptin / metformin Oral Product
RxNorm	2359277	empagliflozin / linagliptin / metformin Pill
RxNorm	2359278	empagliflozin / linagliptin / metformin Extended Release Oral Tablet
RxNorm	2359279	24 HR empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359280	Trijardy
RxNorm	2359281	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359282	empagliflozin / linagliptin / metformin Extended Release Oral Tablet [Trijardy]
RxNorm	2359283	Trijardy Oral Product
RxNorm	2359284	Trijardy Pill
RxNorm	2359285	24 HR empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]

Continued on next page

Table19 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2359286	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359287	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359288	24 HR empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359289	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359290	24 HR empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359291	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359292	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359351	24 HR empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359352	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359353	24 HR empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359354	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359355	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359356	24 HR empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359357	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359358	24 HR empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359359	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359360	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]

1.5.5 DPP-4

Table 20: Concept codes used to identify DPP-4 medications.

CodeSystem	ConceptCode	ConceptName
RxNorm	1100699	linagliptin
RxNorm	1368001	alogliptin
RxNorm	1546030	saxagliptin anhydrous
RxNorm	593411	sitagliptin
RxNorm	1243830	Metformin / sitagliptin Extended Release Tablet [Janumet 100/1000]
RxNorm	1243847	Metformin / sitagliptin Extended Release Tablet [Janumet 50/500]
RxNorm	1243023	Linagliptin / Metformin Oral Tablet [Jentaduetto 2.5/1000]
RxNorm	1243030	Linagliptin / Metformin Oral Tablet [Jentaduetto 2.5/500]
RxNorm	705136	Metformin 1000 MG / sitagliptin 50 MG Oral Tablet [Janumet]
RxNorm	705134	Metformin 1000 MG / sitagliptin 50 MG [Janumet]
RxNorm	705135	Metformin / sitagliptin Oral Tablet [Janumet]
RxNorm	705138	Metformin 500 MG / sitagliptin 50 MG Oral Tablet [Janumet]
RxNorm	748763	Metformin 500 MG / sitagliptin 64.3 MG Oral Tablet
RxNorm	757607	Metformin / sitagliptin Oral Tablet [Janumet 50 mg/500 mg]
RxNorm	748762	sitagliptin 64.3 MG
RxNorm	748765	Metformin 500 MG / sitagliptin 64.3 MG Oral Tablet [Janumet]
RxNorm	705137	Metformin 500 MG / sitagliptin 50 MG [Janumet]
RxNorm	748764	Metformin 500 MG / sitagliptin 64.3 MG [Janumet]
RxNorm	1043581	Metformin / saxagliptin Extended Release Tablet [Kombiglyze 5/500]
RxNorm	1043573	Metformin / saxagliptin Extended Release Tablet [Kombiglyze 5/1000]
RxNorm	1189807	Simvastatin / sitagliptin Oral Tablet [Juvissync 100/10]
RxNorm	1189824	Simvastatin / sitagliptin Oral Tablet [Juvissync 100/40]
RxNorm	1243031	Jentaduetto 2.5/500 Oral Product
RxNorm	1243025	Jentaduetto 2.5/1000 Pill
RxNorm	1043561	metformin / saxagliptin Extended Release Oral Tablet
RxNorm	1043562	metformin / saxagliptin
RxNorm	1043563	24 HR metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	1043565	metformin hydrochloride 1000 MG / saxagliptin 2.5 MG [Kombiglyze]
RxNorm	1043566	metformin / saxagliptin Extended Release Oral Tablet [Kombiglyze]

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1043567	24 HR metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043568	metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	1043569	metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043570	24 HR metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	1043572	metformin hydrochloride 1000 MG / saxagliptin 5 MG [Kombiglyze]
RxNorm	1043574	24 HR metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043575	metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	1043576	metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043578	24 HR metformin hydrochloride 500 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	1043580	metformin hydrochloride 500 MG / saxagliptin 5 MG [Kombiglyze]
RxNorm	1043582	24 HR metformin hydrochloride 500 MG / saxagliptin 5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1043583	metformin hydrochloride 500 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	1043584	metformin hydrochloride 500 MG / saxagliptin 5 MG Extended Release Oral Tablet [Kombiglyze]
RxNorm	1100700	linagliptin 5 MG
RxNorm	1100701	linagliptin Oral Tablet
RxNorm	1100702	linagliptin 5 MG Oral Tablet
RxNorm	1100703	Tradjenta
RxNorm	1100704	linagliptin 5 MG [Tradjenta]
RxNorm	1100705	linagliptin Oral Tablet [Tradjenta]
RxNorm	1100706	linagliptin 5 MG Oral Tablet [Tradjenta]
RxNorm	1158518	saxagliptin Oral Product
RxNorm	1158519	saxagliptin Pill
RxNorm	1159662	sitagliptin Oral Product
RxNorm	1159663	sitagliptin Pill
RxNorm	1161605	metformin / saxagliptin Oral Product
RxNorm	1161606	metformin / saxagliptin Pill
RxNorm	1161607	metformin / sitagliptin Oral Product
RxNorm	1161608	metformin / sitagliptin Pill
RxNorm	1164670	linagliptin Oral Product
RxNorm	1164671	linagliptin Pill

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1181729	Onglyza Oral Product
RxNorm	1181730	Onglyza Pill
RxNorm	1172860	Kombiglyze Pill
RxNorm	1172861	Kombiglyze Oral Product
RxNorm	1167810	Janumet Oral Product
RxNorm	1167811	Janumet Pill
RxNorm	1167814	Januvia Oral Product
RxNorm	1167815	Januvia Pill
RxNorm	1179163	Tradjenta Oral Product
RxNorm	1179164	Tradjenta Pill
RxNorm	1189800	simvastatin / sitagliptin Oral Product
RxNorm	1189801	simvastatin / sitagliptin Pill
RxNorm	1189802	simvastatin / sitagliptin Oral Tablet
RxNorm	1189803	simvastatin / sitagliptin
RxNorm	1189804	simvastatin 10 MG / sitagliptin 100 MG Oral Tablet
RxNorm	1189806	simvastatin 10 MG / sitagliptin 100 MG [Juvisync]
RxNorm	1189808	simvastatin 20 MG / sitagliptin 100 MG Oral Tablet
RxNorm	1189810	simvastatin 20 MG / sitagliptin 100 MG [Juvisync]
RxNorm	1189811	simvastatin / sitagliptin Oral Tablet [Juvisync]
RxNorm	1189812	Juvisync Oral Product
RxNorm	1189813	Juvisync Pill
RxNorm	1189814	simvastatin 20 MG / sitagliptin 100 MG Oral Tablet [Juvisync]
RxNorm	1189818	simvastatin 10 MG / sitagliptin 100 MG Oral Tablet [Juvisync]
RxNorm	1189821	simvastatin 40 MG / sitagliptin 100 MG Oral Tablet
RxNorm	1189823	simvastatin 40 MG / sitagliptin 100 MG [Juvisync]
RxNorm	1189827	simvastatin 40 MG / sitagliptin 100 MG Oral Tablet [Juvisync]
RxNorm	1243015	linagliptin 2.5 MG
RxNorm	1243016	linagliptin / metformin Oral Product
RxNorm	1243017	linagliptin / metformin Pill
RxNorm	1243018	linagliptin / metformin Oral Tablet
RxNorm	1243019	linagliptin / metformin
RxNorm	1243020	linagliptin 2.5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1243022	linagliptin 2.5 MG / metformin hydrochloride 1000 MG [Jentadueto]
RxNorm	1243026	linagliptin 2.5 MG / metformin hydrochloride 1000 MG Oral Tablet [Jentadueto]
RxNorm	1243027	linagliptin 2.5 MG / metformin hydrochloride 500 MG Oral Tablet

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1243029	linagliptin 2.5 MG / metformin hydrochloride 500 MG [Jentadueto]
RxNorm	1243033	linagliptin 2.5 MG / metformin hydrochloride 500 MG Oral Tablet [Jentadueto]
RxNorm	1243034	linagliptin 2.5 MG / metformin hydrochloride 850 MG Oral Tablet
RxNorm	1243036	linagliptin 2.5 MG / metformin hydrochloride 850 MG [Jentadueto]
RxNorm	1243037	linagliptin / metformin Oral Tablet [Jentadueto]
RxNorm	1243038	Jentadueto Oral Product
RxNorm	1243039	Jentadueto Pill
RxNorm	1243040	linagliptin 2.5 MG / metformin hydrochloride 850 MG Oral Tablet [Jentadueto]
RxNorm	1243826	metformin / sitagliptin Extended Release Oral Tablet
RxNorm	1243827	24 HR metformin hydrochloride 1000 MG / sitagliptin 100 MG Extended Release Oral Tablet
RxNorm	1243829	metformin hydrochloride 1000 MG / sitagliptin 100 MG [Janumet]
RxNorm	1243833	24 HR metformin hydrochloride 1000 MG / sitagliptin 100 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243834	metformin hydrochloride 1000 MG / sitagliptin 100 MG Extended Release Oral Tablet
RxNorm	1243835	metformin hydrochloride 1000 MG / sitagliptin 100 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243839	metformin / sitagliptin Extended Release Oral Tablet [Janumet]
RxNorm	1243842	24 HR metformin hydrochloride 1000 MG / sitagliptin 50 MG Extended Release Oral Tablet
RxNorm	1243843	24 HR metformin hydrochloride 1000 MG / sitagliptin 50 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243844	metformin hydrochloride 1000 MG / sitagliptin 50 MG Extended Release Oral Tablet
RxNorm	1243845	metformin hydrochloride 1000 MG / sitagliptin 50 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243846	24 HR metformin hydrochloride 500 MG / sitagliptin 50 MG Extended Release Oral Tablet
RxNorm	1243848	24 HR metformin hydrochloride 500 MG / sitagliptin 50 MG Extended Release Oral Tablet [Janumet]
RxNorm	1243849	metformin hydrochloride 500 MG / sitagliptin 50 MG Extended Release Oral Tablet
RxNorm	1243850	metformin hydrochloride 500 MG / sitagliptin 50 MG Extended Release Oral Tablet [Janumet]
RxNorm	1312409	simvastatin 10 MG / sitagliptin 50 MG Oral Tablet

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1312411	simvastatin 10 MG / sitagliptin 50 MG [Juvisync]
RxNorm	1312415	simvastatin 10 MG / sitagliptin 50 MG Oral Tablet [Juvisync]
RxNorm	1312416	simvastatin 20 MG / sitagliptin 50 MG Oral Tablet
RxNorm	1312418	simvastatin 20 MG / sitagliptin 50 MG [Juvisync]
RxNorm	1312422	simvastatin 20 MG / sitagliptin 50 MG Oral Tablet [Juvisync]
RxNorm	1312423	simvastatin 40 MG / sitagliptin 50 MG Oral Tablet
RxNorm	1312425	simvastatin 40 MG / sitagliptin 50 MG [Juvisync]
RxNorm	1312429	simvastatin 40 MG / sitagliptin 50 MG Oral Tablet [Juvisync]
RxNorm	1368002	alogliptin 25 MG
RxNorm	1368003	alogliptin Oral Product
RxNorm	1368004	alogliptin Pill
RxNorm	1368005	alogliptin Oral Tablet
RxNorm	1368006	alogliptin 25 MG Oral Tablet
RxNorm	1368007	Nesina
RxNorm	1368008	alogliptin 25 MG [Nesina]
RxNorm	1368009	alogliptin Oral Tablet [Nesina]
RxNorm	1368010	Nesina Oral Product
RxNorm	1368011	Nesina Pill
RxNorm	1368012	alogliptin 25 MG Oral Tablet [Nesina]
RxNorm	1368017	alogliptin 6.25 MG
RxNorm	1368018	alogliptin 6.25 MG Oral Tablet
RxNorm	1368019	alogliptin 6.25 MG [Nesina]
RxNorm	1368020	alogliptin 6.25 MG Oral Tablet [Nesina]
RxNorm	1368033	alogliptin 12.5 MG
RxNorm	1368034	alogliptin 12.5 MG Oral Tablet
RxNorm	1368035	alogliptin 12.5 MG [Nesina]
RxNorm	1368036	alogliptin 12.5 MG Oral Tablet [Nesina]
RxNorm	1368381	alogliptin / metformin Oral Product
RxNorm	1368382	alogliptin / metformin Pill
RxNorm	1368383	alogliptin / metformin Oral Tablet
RxNorm	1368384	alogliptin / metformin
RxNorm	1368385	alogliptin 12.5 MG / metformin hydrochloride 1000 MG Oral Tablet
RxNorm	1368387	alogliptin 12.5 MG / metformin hydrochloride 1000 MG [Kazano]
RxNorm	1368391	alogliptin 12.5 MG / metformin hydrochloride 1000 MG Oral Tablet [Kazano]
RxNorm	1368392	alogliptin 12.5 MG / metformin hydrochloride 500 MG Oral Tablet

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1368394	alogliptin 12.5 MG / metformin hydrochloride 500 MG [Kazano]
RxNorm	1368395	alogliptin / metformin Oral Tablet [Kazano]
RxNorm	1368396	Kazano Oral Product
RxNorm	1368397	Kazano Pill
RxNorm	1368398	alogliptin 12.5 MG / metformin hydrochloride 500 MG Oral Tablet [Kazano]
RxNorm	1368399	alogliptin / pioglitazone Oral Product
RxNorm	1368400	alogliptin / pioglitazone Pill
RxNorm	1368401	alogliptin / pioglitazone Oral Tablet
RxNorm	1368402	alogliptin / pioglitazone
RxNorm	1368403	alogliptin 12.5 MG / pioglitazone 15 MG Oral Tablet
RxNorm	1368405	alogliptin 12.5 MG / pioglitazone 15 MG [Oseni]
RxNorm	1368409	alogliptin 12.5 MG / pioglitazone 15 MG Oral Tablet [Oseni]
RxNorm	1368410	alogliptin 12.5 MG / pioglitazone 30 MG Oral Tablet
RxNorm	1368412	alogliptin 12.5 MG / pioglitazone 30 MG [Oseni]
RxNorm	1368416	alogliptin 12.5 MG / pioglitazone 30 MG Oral Tablet [Oseni]
RxNorm	1368417	alogliptin 12.5 MG / pioglitazone 45 MG Oral Tablet
RxNorm	1368419	alogliptin 12.5 MG / pioglitazone 45 MG [Oseni]
RxNorm	1368423	alogliptin 12.5 MG / pioglitazone 45 MG Oral Tablet [Oseni]
RxNorm	1368424	alogliptin 25 MG / pioglitazone 15 MG Oral Tablet
RxNorm	1368426	alogliptin 25 MG / pioglitazone 15 MG [Oseni]
RxNorm	1368430	alogliptin 25 MG / pioglitazone 15 MG Oral Tablet [Oseni]
RxNorm	1368431	alogliptin 25 MG / pioglitazone 30 MG Oral Tablet
RxNorm	1368433	alogliptin 25 MG / pioglitazone 30 MG [Oseni]
RxNorm	1368434	alogliptin / pioglitazone Oral Tablet [Oseni]
RxNorm	1368435	Oseni Oral Product
RxNorm	1368436	Oseni Pill
RxNorm	1368437	alogliptin 25 MG / pioglitazone 30 MG Oral Tablet [Oseni]
RxNorm	1368438	alogliptin 25 MG / pioglitazone 45 MG Oral Tablet
RxNorm	1368440	alogliptin 25 MG / pioglitazone 45 MG [Oseni]
RxNorm	1368444	alogliptin 25 MG / pioglitazone 45 MG Oral Tablet [Oseni]
RxNorm	1372692	Kazano
RxNorm	1372706	Jentadueto
RxNorm	1372717	Oseni
RxNorm	1372730	Kombiglyze
RxNorm	1372738	Janumet
RxNorm	1372754	Juvisync
RxNorm	1598392	empagliflozin / linagliptin
RxNorm	1602106	empagliflozin / linagliptin Oral Product
RxNorm	1602107	empagliflozin / linagliptin Pill
RxNorm	1602108	empagliflozin / linagliptin Oral Tablet
RxNorm	1602109	empagliflozin 10 MG / linagliptin 5 MG Oral Tablet

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1602110	Glyxambi
RxNorm	1602111	empagliflozin 10 MG / linagliptin 5 MG [Glyxambi]
RxNorm	1602112	empagliflozin / linagliptin Oral Tablet [Glyxambi]
RxNorm	1602113	Glyxambi Oral Product
RxNorm	1602114	Glyxambi Pill
RxNorm	1602115	empagliflozin 10 MG / linagliptin 5 MG Oral Tablet [Glyxambi]
RxNorm	1602118	empagliflozin 25 MG / linagliptin 5 MG Oral Tablet
RxNorm	1602119	empagliflozin 25 MG / linagliptin 5 MG [Glyxambi]
RxNorm	1602120	empagliflozin 25 MG / linagliptin 5 MG Oral Tablet [Glyxambi]
RxNorm	1727500	dapagliflozin / saxagliptin
RxNorm	1796088	linagliptin / metformin Extended Release Oral Tablet
RxNorm	1796089	24 HR linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1796090	linagliptin / metformin Extended Release Oral Tablet [Jentadueto]
RxNorm	1796091	24 HR linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Jentadueto]
RxNorm	1796092	linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1796093	linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Jentadueto]
RxNorm	1796094	24 HR linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1796095	linagliptin 5 MG / metformin hydrochloride 1000 MG [Jentadueto]
RxNorm	1796096	24 HR linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Jentadueto]
RxNorm	1796097	linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	1796098	linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Jentadueto]
RxNorm	1925495	dapagliflozin / saxagliptin Oral Product
RxNorm	1925496	dapagliflozin / saxagliptin Pill
RxNorm	1925497	dapagliflozin / saxagliptin Oral Tablet
RxNorm	1925498	dapagliflozin 10 MG / saxagliptin 5 MG Oral Tablet
RxNorm	1925499	Qtern
RxNorm	1925500	dapagliflozin 10 MG / saxagliptin 5 MG [Qtern]
RxNorm	1925501	dapagliflozin / saxagliptin Oral Tablet [Qtern]
RxNorm	1925502	Qtern Oral Product
RxNorm	1925503	Qtern Pill
RxNorm	1925504	dapagliflozin 10 MG / saxagliptin 5 MG Oral Tablet [Qtern]

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1992822	ertugliflozin / sitagliptin Oral Product
RxNorm	1992823	ertugliflozin / sitagliptin Pill
RxNorm	1992824	ertugliflozin / sitagliptin Oral Tablet
RxNorm	1992825	ertugliflozin / sitagliptin
RxNorm	1992826	ertugliflozin 15 MG / sitagliptin 100 MG Oral Tablet
RxNorm	1992827	Steglujan
RxNorm	1992828	ertugliflozin 15 MG / sitagliptin 100 MG [Steglujan]
RxNorm	1992829	ertugliflozin / sitagliptin Oral Tablet [Steglujan]
RxNorm	1992830	Steglujan Oral Product
RxNorm	1992831	Steglujan Pill
RxNorm	1992832	ertugliflozin 15 MG / sitagliptin 100 MG Oral Tablet [Steglujan]
RxNorm	1992835	ertugliflozin 5 MG / sitagliptin 100 MG Oral Tablet
RxNorm	1992836	ertugliflozin 5 MG / sitagliptin 100 MG [Steglujan]
RxNorm	1992837	ertugliflozin 5 MG / sitagliptin 100 MG Oral Tablet [Steglujan]
RxNorm	2117292	dapagliflozin / metformin / saxagliptin
RxNorm	857974	saxagliptin
RxNorm	858034	saxagliptin 5 MG
RxNorm	858035	saxagliptin Oral Tablet
RxNorm	858036	saxagliptin 5 MG Oral Tablet
RxNorm	858037	Onglyza
RxNorm	858038	saxagliptin 5 MG [Onglyza]
RxNorm	858039	saxagliptin Oral Tablet [Onglyza]
RxNorm	858040	saxagliptin 5 MG Oral Tablet [Onglyza]
RxNorm	858041	saxagliptin 2.5 MG
RxNorm	858042	saxagliptin 2.5 MG Oral Tablet
RxNorm	858043	saxagliptin 2.5 MG [Onglyza]
RxNorm	858044	saxagliptin 2.5 MG Oral Tablet [Onglyza]
RxNorm	861769	metformin hydrochloride 1000 MG / sitagliptin 50 MG Oral Tablet
RxNorm	861770	metformin hydrochloride 1000 MG / sitagliptin 50 MG [Janumet]
RxNorm	861771	metformin hydrochloride 1000 MG / sitagliptin 50 MG Oral Tablet [Janumet]
RxNorm	861819	metformin hydrochloride 500 MG / sitagliptin 50 MG Oral Tablet
RxNorm	861820	metformin hydrochloride 500 MG / sitagliptin 50 MG [Janumet]
RxNorm	861821	metformin hydrochloride 500 MG / sitagliptin 50 MG Oral Tablet [Janumet]
RxNorm	700518	Metformin 1000 MG / sitagliptin 50 MG Oral Tablet
RxNorm	700517	Metformin 500 MG / sitagliptin 50 MG Oral Tablet

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	757606	Metformin 500 MG / sitagliptin 50 MG [Janumet 50 mg/500 mg]
RxNorm	757602	Metformin 1000 MG / sitagliptin 50 MG [Janumet 50 mg/1000 mg]
RxNorm	757608	Metformin 500 MG / sitagliptin 50 MG Oral Tablet [Janumet 50 mg/500 mg]
RxNorm	757604	Metformin 1000 MG / sitagliptin 50 MG Oral Tablet [Janumet 50 mg/1000 mg]
RxNorm	1173547	Kombiglyze 5/500 Oral Product
RxNorm	1189825	Juvisync 100/40 Oral Product
RxNorm	1172859	Kombiglyze 2.5/1000 Oral Product
RxNorm	1173546	Kombiglyze 5/1000 Pill
RxNorm	1243832	Janumet 100/1000 Pill
RxNorm	1189816	Juvisync 100/10 Oral Product
RxNorm	1189826	Juvisync 100/40 Pill
RxNorm	1189817	Juvisync 100/10 Pill
RxNorm	1167812	Janumet 50/500 Oral Product
RxNorm	1243032	Jentadueto 2.5/500 Pill
RxNorm	1173548	Kombiglyze 5/500 Pill
RxNorm	1167813	Janumet 50/500 Pill
RxNorm	1243024	Jentadueto 2.5/1000 Oral Product
RxNorm	1243831	Janumet 100/1000 Oral Product
RxNorm	2169274	dapagliflozin 5 MG / saxagliptin 5 MG Oral Tablet
RxNorm	2169275	dapagliflozin 5 MG / saxagliptin 5 MG [Qtern]
RxNorm	2169276	dapagliflozin 5 MG / saxagliptin 5 MG Oral Tablet [Qtern]
RxNorm	2281864	empagliflozin / linagliptin / metformin
RxNorm	2371722	dapagliflozin / metformin / saxagliptin Oral Product
RxNorm	2371723	dapagliflozin / metformin / saxagliptin Pill
RxNorm	2371724	dapagliflozin / metformin / saxagliptin Extended Release Oral Tablet
RxNorm	2371725	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371726	Qternmet
RxNorm	2371727	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG [Qternmet]
RxNorm	2371728	dapagliflozin / metformin / saxagliptin Extended Release Oral Tablet [Qternmet]
RxNorm	2371729	Qternmet Oral Product
RxNorm	2371730	Qternmet Pill
RxNorm	2371731	24 HR dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2371732	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371733	dapagliflozin 10 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371734	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371735	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG [Qternmet]
RxNorm	2371736	24 HR dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371737	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371738	dapagliflozin 2.5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371740	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371741	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG [Qternmet]
RxNorm	2371742	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371743	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet
RxNorm	2371744	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 2.5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371745	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371746	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG [Qternmet]
RxNorm	2371747	24 HR dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2371748	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet
RxNorm	2371749	dapagliflozin 5 MG / metformin hydrochloride 1000 MG / saxagliptin 5 MG Extended Release Oral Tablet [Qternmet]
RxNorm	2359276	empagliflozin / linagliptin / metformin Oral Product
RxNorm	2359277	empagliflozin / linagliptin / metformin Pill
RxNorm	2359278	empagliflozin / linagliptin / metformin Extended Release Oral Tablet

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2359279	24 HR empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359280	Trijardy
RxNorm	2359281	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359282	empagliflozin / linagliptin / metformin Extended Release Oral Tablet [Trijardy]
RxNorm	2359283	Trijardy Oral Product
RxNorm	2359284	Trijardy Pill
RxNorm	2359285	24 HR empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359286	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359287	empagliflozin 10 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359288	24 HR empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359289	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359290	24 HR empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359291	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359292	empagliflozin 12.5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359351	24 HR empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359352	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359353	24 HR empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359354	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359355	empagliflozin 25 MG / linagliptin 5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]

Continued on next page

Table20 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	2359356	24 HR empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359357	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG [Trijardy]
RxNorm	2359358	24 HR empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	2359359	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet
RxNorm	2359360	empagliflozin 5 MG / linagliptin 2.5 MG / metformin hydrochloride 1000 MG Extended Release Oral Tablet [Trijardy]
RxNorm	665031	sitagliptin 100 MG
RxNorm	665032	sitagliptin Oral Tablet
RxNorm	665033	sitagliptin 100 MG Oral Tablet
RxNorm	665034	sitagliptin 100 MG [Januvia]
RxNorm	665035	sitagliptin Oral Tablet [Januvia]
RxNorm	665036	sitagliptin 100 MG Oral Tablet [Januvia]
RxNorm	665037	sitagliptin 25 MG
RxNorm	665038	sitagliptin 25 MG Oral Tablet
RxNorm	665039	sitagliptin 25 MG [Januvia]
RxNorm	665040	sitagliptin 25 MG Oral Tablet [Januvia]
RxNorm	665041	sitagliptin 50 MG
RxNorm	665042	sitagliptin 50 MG Oral Tablet
RxNorm	665043	sitagliptin 50 MG [Januvia]
RxNorm	665044	sitagliptin 50 MG Oral Tablet [Januvia]
RxNorm	638596	Januvia
RxNorm	700516	metformin / sitagliptin Oral Tablet
RxNorm	729717	metformin / sitagliptin
RxNorm	757603	metformin / sitagliptin Oral Tablet [Janumet]

1.6 Anti-Obesity Medications (AOMS)

1.6.1 Orlistat

Table 21: Concept codes used to identify orlistat medications.

CodeSystem	ConceptCode	ConceptName
RxNorm	1159582	orlistat Oral Product
RxNorm	1159583	orlistat Pill
RxNorm	1168454	Alli Oral Product
RxNorm	1168455	Alli Pill

Continued on next page

Table21 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1186415	Xenical Oral Product
RxNorm	1186416	Xenical Pill
RxNorm	226917	orlistat 120 MG Oral Capsule [Xenical]
RxNorm	226918	Xenical
RxNorm	314153	orlistat 120 MG Oral Capsule
RxNorm	330389	orlistat 120 MG
RxNorm	366436	orlistat Oral Capsule [Xenical]
RxNorm	373151	orlistat Oral Capsule
RxNorm	37925	orlistat
RxNorm	574045	orlistat 120 MG [Xenical]
RxNorm	692875	orlistat 60 MG
RxNorm	692876	orlistat 60 MG Oral Capsule
RxNorm	708361	Alli
RxNorm	723844	orlistat 60 MG [Alli]
RxNorm	723845	orlistat Oral Capsule [Alli]
RxNorm	723846	orlistat 60 MG Oral Capsule [Alli]
SNOMED CT	768105006	Orlistat-containing product in oral dose form
SNOMED CT	777002008	Orlistat only product
SNOMED CT	780075002	Orlistat only product in oral dose form
SNOMED CT	317893003	Orlistat 120mg capsule
SNOMED CT	426638000	Orlistat 60mg capsule
SNOMED CT	387007000	Orlistat
SNOMED CT	116093009	Orlistat-containing product

1.6.2 Phentermine Topiramate

Table 22: Concept codes used to identify phentermine topiramate medications.

CodeSystem	ConceptCode	ConceptName
RxNorm	1302868	Phentermine 11.25 MG / topiramate 69 MG Extended Release Capsule
RxNorm	1302827	24 HR phentermine 7.5 MG / topiramate 46 MG Extended Release Oral Capsule
RxNorm	1302839	24 HR phentermine 3.75 MG / topiramate 23 MG Extended Release Oral Capsule
RxNorm	1302850	24 HR phentermine 15 MG / topiramate 92 MG Extended Release Oral Capsule
RxNorm	1313059	24 HR phentermine 11.25 MG / topiramate 69 MG Extended Release Oral Capsule

Continued on next page

Table22 – continued from previous page

CodeSystem	ConceptCode	ConceptName
RxNorm	1302833	24 HR phentermine 7.5 MG / topiramate 46 MG Extended Release Oral Capsule [Qsymia]
RxNorm	1302845	24 HR phentermine 3.75 MG / topiramate 23 MG Extended Release Oral Capsule [Qsymia]
RxNorm	1302856	24 HR phentermine 15 MG / topiramate 92 MG Extended Release Oral Capsule [Qsymia]
RxNorm	1313061	24 HR phentermine 11.25 MG / topiramate 69 MG Extended Release Oral Capsule [Qsymia]

1.7 Adverse Events

1.7.1 Bowel Obstruction

Table 23: Concept codes used to identify bowel obstruction adverse events.

CodeSystem	ConceptCode	ConceptName
SNOMED CT	197044000	Intestinal obstruction without mention of hernia
SNOMED CT	197067003	(Intestinal adhesions with obstruction) or (other intestinal obstruction)
SNOMED CT	197071000	Other intestinal obstruction NOS
SNOMED CT	197072007	Intestinal obstruction NOS
SNOMED CT	197078006	Acute intestinal obstruction
SNOMED CT	197079003	Subacute intestinal obstruction
SNOMED CT	197080000	Obstruction NOS: [intestinal] or [colonic] or [large bowel] or [small bowel] or [subacute intestinal]
SNOMED CT	197541001	[X]Other and unspecified intestinal obstruction
SNOMED CT	213232001	Intestinal obstruction as a complication of care NOS
SNOMED CT	233662009	Distal intestinal obstruction syndrome
SNOMED CT	235801003	Subacute intestinal obstruction NOS
SNOMED CT	235802005	Small bowel obstruction NOS
SNOMED CT	235803000	Large bowel obstruction NOS
SNOMED CT	235805007	Extrinsic intestinal obstruction
SNOMED CT	155777003	(Intestinal obstruction NOS) or (intestinal stricture)
SNOMED CT	16834011000119109	Partial obstruction of intestine
SNOMED CT	16834071000119101	Complete obstruction of lumen of small intestine
SNOMED CT	46420000	Intestinal luminal obstruction
SNOMED CT	81060008	IO - Intestinal obstruction
SNOMED CT	429196001	Partial obstruction of small bowel
SNOMED CT	710572000	Intestinal obstruction co-occurrent and due to decreased peristalsis
SNOMED CT	266456007	Other intestinal obstruction

Continued on next page

Table23 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	266523009	(Intestinal obstruction NOS) or (intestinal stricture)
SNOMED CT	278526005	Intestinal luminal obstruction
SNOMED CT	281254000	Large bowel obstruction
SNOMED CT	281255004	Small bowel obstruction
SNOMED CT	67745001	Recurrent intestinal obstruction
SNOMED CT	77437008	Intestinal obstruction due to a procedure
SNOMED CT	91580003	Mural thickening of intestine causing obstruction
SNOMED CT	92825002	Closed-loop obstruction of intestinal tract
SNOMED CT	1542009	Omphalocele with obstruction
SNOMED CT	4397001	Partial congenital duodenal obstruction
SNOMED CT	4410001	Retroperitoneal hernia with obstruction
SNOMED CT	4998000	Acute obstructive appendicitis
SNOMED CT	6441003	Volvulus of colon
SNOMED CT	9359003	Obstructed bilateral inguinal hernia with gangrene
SNOMED CT	9707006	Intestinal volvulus
SNOMED CT	9822005	Umbilical hernia with gangrene AND obstruction
SNOMED CT	10389003	Acute gastrojejunal ulcer without hemorrhage AND without perforation but with obstruction
SNOMED CT	10897002	Chronic gastrojejunal ulcer with perforation AND with obstruction
SNOMED CT	11552008	Complete congenital duodenal obstruction
SNOMED CT	12355008	Duodenal ulcer with hemorrhage, with perforation AND with obstruction
SNOMED CT	13466009	Dynamic ileus
SNOMED CT	13916005	Bilateral recurrent femoral hernia with gangrene AND obstruction
SNOMED CT	15270002	Obturation obstruction of intestine
SNOMED CT	18169007	Duodenal ulcer without hemorrhage AND without perforation but with obstruction
SNOMED CT	18269002	Congenital duodenal obstruction
SNOMED CT	18367003	Duodenal ulcer with hemorrhage AND obstruction
SNOMED CT	21759003	Gastrojejunal ulcer with perforation AND obstruction
SNOMED CT	24001002	Chronic gastrojejunal ulcer with hemorrhage, with perforation and with obstruction
SNOMED CT	25617003	Congenital duodenal obstruction due to malrotation of intestine
SNOMED CT	26315009	Congenital obstruction of small intestine
SNOMED CT	28082003	Chronic duodenal ulcer without hemorrhage AND without perforation but with obstruction
SNOMED CT	28358004	Acute obstructive appendicitis with perforation AND peritonitis
SNOMED CT	30074005	Strangulation obstruction of intestine
SNOMED CT	30300009	Obstructed incisional hernia with gangrene

Continued on next page

Table23 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	33652004	Lumbar hernia with obstruction
SNOMED CT	34021006	Chronic duodenal ulcer with hemorrhage AND obstruction
SNOMED CT	16840521000119100	Partial obstruction of intestine following procedure
SNOMED CT	16840581000119101	Complete obstruction of intestine following procedure
SNOMED CT	196658005	Acute duodenal ulcer with obstruction
SNOMED CT	196666001	Chronic duodenal ulcer with obstruction
SNOMED CT	196712004	Acute gastrojejunal ulcer with obstruction
SNOMED CT	196719008	Chronic gastrojejunal ulcer with obstruction
SNOMED CT	196807006	Obstructed inguinal hernia
SNOMED CT	196835005	Obstructed femoral hernia
SNOMED CT	196859000	Obstructed umbilical hernia
SNOMED CT	196861009	Paraumbilical hernia with obstruction
SNOMED CT	196884002	Incisional hernia with obstruction but no gangrene
SNOMED CT	196885001	Obstructed epigastric hernia
SNOMED CT	196917000	Obstructed gluteal hernia
SNOMED CT	196956006	Obstructed Spigelian hernia
SNOMED CT	197006009	Superior mesenteric artery syndrome
SNOMED CT	197052002	Multiple intussusception
SNOMED CT	197058003	Volvulus of small intestine
SNOMED CT	197059006	Volvulus of the ileocecum
SNOMED CT	197060001	Sigmoid volvulus
SNOMED CT	197063004	Enterolith
SNOMED CT	1171359008	Intestinal obstruction due to adhesion of small intestine
SNOMED CT	1162728008	Intestinal obstruction due to stricture of intestine
SNOMED CT	1162567000	Postoperative paralytic ileus
SNOMED CT	206523001	Meconium ileus
SNOMED CT	206528005	Meconium plug
SNOMED CT	206529002	Congenital fecaliths causing obstruction
SNOMED CT	235806008	Arteriomesenteric compression of duodenojejunal flexure
SNOMED CT	235810006	Bolus obstruction of intestine
SNOMED CT	235811005	Cecal volvulus
SNOMED CT	235820001	Ileo-sigmoid knotting
SNOMED CT	235821002	Postoperative intestinal obstruction
SNOMED CT	235822009	Postoperative mechanical intestinal obstruction
SNOMED CT	235833007	Postoperative ileus
SNOMED CT	235834001	Infection-induced ileus
SNOMED CT	235835000	Neural reflex-induced ileus
SNOMED CT	235836004	Metabolic ileus
SNOMED CT	235837008	Drug-induced ileus
SNOMED CT	721652009	Gallstone ileus of small intestine
SNOMED CT	721653004	Enterolith of small intestine
SNOMED CT	721678000	Gallstone ileus of large intestine
SNOMED CT	721679008	Paralytic ileus of large intestine

Continued on next page

Table23 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	722540008	Volvulus of large intestine
SNOMED CT	722764006	Obstructed parastomal hernia
SNOMED CT	722841004	Perforation of intestine co-occurrent and due to meconium ileus
SNOMED CT	722844007	Obstruction of small intestine co-occurrent and due to peritoneal adhesions
SNOMED CT	722856008	Obstruction of large intestine co-occurrent and due to peritoneal adhesions
SNOMED CT	733145007	Neonatal obstruction of intestine
SNOMED CT	733149001	Obstructive ileus of small intestine with impaction
SNOMED CT	733447005	Intestinal obstruction in newborn due to guanylate cyclase 2C deficiency
SNOMED CT	735722005	Neonatal intestinal perforation with in utero intraluminal obstruction
SNOMED CT	741061001	Obstructed recurrent right femoral hernia with gangrene
SNOMED CT	741515006	Obstructed recurrent left femoral hernia with gangrene
SNOMED CT	766942007	Complete obstruction of colon
SNOMED CT	766943002	Complete obstruction of intestine
SNOMED CT	767684006	Obstructed recurrent left inguinal hernia with gangrene
SNOMED CT	767685007	Obstructed recurrent right inguinal hernia with gangrene
SNOMED CT	767748008	Obstructed bilateral inguinal hernia
SNOMED CT	767823004	Obstructed left inguinal hernia with gangrene
SNOMED CT	767824005	Obstructed right inguinal hernia with gangrene
SNOMED CT	767995003	Obstructed right femoral hernia with gangrene
SNOMED CT	767996002	Obstructed left femoral hernia with gangrene
SNOMED CT	772139001	Obstructed left femoral hernia
SNOMED CT	772140004	Obstructed right femoral hernia
SNOMED CT	772141000	Obstructed recurrent right inguinal hernia
SNOMED CT	772142007	Obstructed recurrent left inguinal hernia
SNOMED CT	772143002	Obstructed left inguinal hernia
SNOMED CT	772144008	Obstructed right inguinal hernia
SNOMED CT	772149003	Obstructed recurrent bilateral inguinal hernia
SNOMED CT	772781000	Obstructed recurrent bilateral femoral hernia
SNOMED CT	772782007	Obstructed recurrent right femoral hernia
SNOMED CT	772783002	Obstructed recurrent left femoral hernia
SNOMED CT	773269009	Obstructed perineal hernia
SNOMED CT	782504002	Intestinal obstruction due to recurrent umbilical hernia
SNOMED CT	782505001	Obstructed recurrent femoral hernia
SNOMED CT	817966005	Distal intestinal obstruction syndrome due to cystic fibrosis
SNOMED CT	8631000119105	Intestinal obstruction due to bilateral inguinal hernia
SNOMED CT	8651000119104	Intestinal obstruction due to bilateral recurrent femoral hernia

Continued on next page

Table23 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	8661000119102	Intestinal obstruction due to bilateral recurrent inguinal hernia
SNOMED CT	95001000119103	Obstructed recurrent inguinal hernia
SNOMED CT	1083751000119104	Obstructed bilateral femoral hernia
SNOMED CT	1084511000119108	Intestinal obstruction due to recurrent irreducible inguinal hernia
SNOMED CT	1084521000119101	Obstructed recurrent irreducible bilateral inguinal hernia
SNOMED CT	1085161000119102	Intestinal obstruction due to chronic ulcerative pancolitis
SNOMED CT	1085211000119105	Intestinal obstruction due to chronic ulcerative proctitis
SNOMED CT	1085261000119108	Intestinal obstruction due to chronic ulcerative rectosigmoiditis
SNOMED CT	1085421000119104	Intestinal obstruction due to colonic inflammatory polyps
SNOMED CT	1085781000119107	Intestinal obstruction due to Crohn's disease of large intestine
SNOMED CT	1085831000119104	Intestinal obstruction due to Crohn's disease of small and large intestine
SNOMED CT	1085881000119103	Intestinal obstruction due to Crohn's disease of small intestine
SNOMED CT	1085931000119108	Intestinal obstruction due to Crohn's disease
SNOMED CT	1087271000119105	Intestinal obstruction co-occurrent and due to incisional hernia
SNOMED CT	1092871000119107	Intestinal obstruction due to ulcerative colitis
SNOMED CT	16833871000119109	Partial obstruction of colon
SNOMED CT	84739008	Perineal hernia with obstruction
SNOMED CT	440663004	Encapsulating peritoneal sclerosis associated with peritoneal dialysis
SNOMED CT	447320006	Food bolus obstruction of intestine
SNOMED CT	458422009	Malrotation of intestine with midgut volvulus
SNOMED CT	698733009	Intestinal obstruction due to tuberculosis
SNOMED CT	414398007	Hernia of anterior abdominal wall with obstruction AND gangrene
SNOMED CT	414476004	Obstructed ventral incisional hernia with gangrene
SNOMED CT	414923000	Obstructed hernia of anterior abdominal wall
SNOMED CT	414924006	Obstructed incisional ventral hernia
SNOMED CT	415253006	Obstructed recurrent hernia of anterior abdominal wall
SNOMED CT	415256003	Obstructed recurrent incisional hernia of anterior abdominal wall
SNOMED CT	253786009	Congenital volvulus
SNOMED CT	271575002	Inspissated stool syndrome
SNOMED CT	276520008	Transitory ileus of prematurity
SNOMED CT	276521007	Perinatal intestinal obstruction
SNOMED CT	37976006	Gallstone ileus
SNOMED CT	40650009	Obstruction of colon

Continued on next page

Table23 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	41585009	Strangulation of colon
SNOMED CT	41916005	Paraumbilical hernia with gangrene AND obstruction
SNOMED CT	41986000	Acute duodenal ulcer with hemorrhage, with perforation AND with obstruction
SNOMED CT	42140004	Obstructed recurrent bilateral inguinal hernia with gangrene
SNOMED CT	42698006	Gastrojejunal ulcer with hemorrhage AND obstruction
SNOMED CT	45989004	Obstructed femoral hernia with gangrene
SNOMED CT	47152002	Gastrojejunal ulcer without hemorrhage AND without perforation but with obstruction
SNOMED CT	49678000	Obstructed inguinal hernia with gangrene
SNOMED CT	52232007	Chronic duodenal ileus
SNOMED CT	54798007	Gastrojejunal ulcer with hemorrhage, with perforation and with obstruction
SNOMED CT	54842003	Intestinal obstruction by inspissated milk in newborn
SNOMED CT	55525008	Paralytic ileus
SNOMED CT	56579005	Chronic gastrojejunal ulcer without hemorrhage AND without perforation but with obstruction
SNOMED CT	57265009	Congenital obstruction of large intestine
SNOMED CT	58711008	Acute gastrojejunal ulcer with hemorrhage, with perforation and with obstruction
SNOMED CT	59658000	Epigastric hernia with gangrene AND obstruction
SNOMED CT	60551006	Chronic duodenal ulcer with perforation AND obstruction
SNOMED CT	61456005	Obturator hernia with obstruction
SNOMED CT	62936002	Acute duodenal ulcer with perforation AND obstruction
SNOMED CT	67766009	Intestinal adhesions with obstruction
SNOMED CT	68126001	Obstructed bilateral femoral hernia with gangrene
SNOMED CT	72219001	Acute gastrojejunal ulcer with perforation AND obstruction
SNOMED CT	72408002	Acute gastrojejunal ulcer with hemorrhage and obstruction
SNOMED CT	73225005	Ischiatic hernia with obstruction
SNOMED CT	75342000	Acute duodenal ulcer without hemorrhage AND without perforation but with obstruction
SNOMED CT	75419006	Chronic partial afferent loop obstruction
SNOMED CT	77410006	Duodenal ulcer with perforation AND obstruction
SNOMED CT	79812002	Volvulus of duodenum
SNOMED CT	16840431000119101	Partial obstruction of intestine due to peritoneal adhesions
SNOMED CT	1144423005	Strangulation of small intestine
SNOMED CT	1148568006	Volvulus of jejunum
SNOMED CT	1197665000	Enterolith of large intestine
SNOMED CT	1197677005	Paralytic ileus of small intestine
SNOMED CT	1197679008	Paralytic ileus of small intestine and colon
SNOMED CT	1197723003	Postoperative obstruction of large intestine
SNOMED CT	1197725005	Postoperative obstruction of small intestine

Continued on next page

Table23 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	82368005	Transitory ileus of newborn
SNOMED CT	85836000	Congenital duodenal obstruction due to annular pancreas
SNOMED CT	86092005	Cystic fibrosis with meconium ileus
SNOMED CT	86258000	Chronic duodenal ulcer with hemorrhage, with perforation AND with obstruction
SNOMED CT	87756006	Acute duodenal ulcer with hemorrhage AND obstruction
SNOMED CT	90257004	Chronic gastrojejunal ulcer with hemorrhage and obstruction
SNOMED CT	95532008	Obstruction of duodenum
SNOMED CT	95625008	Paralytic ileus of the newborn
SNOMED CT	95626009	Spastic ileus of the newborn
SNOMED CT	129601002	Congenital neurogenic ileus syndrome
ICD10CM	K56	Paralytic ileus and intestinal obstruction without hernia
ICD10CM	K56.6	Other and unspecified intestinal obstruction
ICD10CM	K56.60	Unspecified intestinal obstruction
ICD10CM	K56.600	Partial intestinal obstruction, unspecified as to cause
ICD10CM	K56.601	Complete intestinal obstruction, unspecified as to cause
ICD10CM	K56.609	Unspecified intestinal obstruction, unspecified as to partial versus complete obstruction
ICD10CM	K56.69	Other intestinal obstruction
ICD10CM	K56.690	Other partial intestinal obstruction
ICD10CM	K56.691	Other complete intestinal obstruction
ICD10CM	K56.699	Other intestinal obstruction unspecified as to partial versus complete obstruction
ICD10CM	K56.0	Paralytic ileus
ICD10CM	K56.1	Intussusception
ICD10CM	K56.2	Volvulus
ICD10CM	K56.3	Gallstone ileus
ICD10CM	K56.4	Other impaction of intestine
ICD10CM	K56.41	Fecal impaction
ICD10CM	K56.49	Other impaction of intestine
ICD10CM	K56.5	Intestinal adhesions [bands] with obstruction (postinfection)
ICD10CM	K56.50	Intestinal adhesions [bands], unspecified as to partial versus complete obstruction
ICD10CM	K56.51	Intestinal adhesions [bands], with partial obstruction
ICD10CM	K56.52	Intestinal adhesions [bands] with complete obstruction
ICD10CM	K56.7	Ileus, unspecified
ICD9CM	560.8	Other specified intestinal obstruction
ICD9CM	560.89	Other specified intestinal obstruction
ICD9CM	560.9	Unspecified intestinal obstruction
ICD9CM	560.81	Intestinal or peritoneal adhesions with obstruction (postoperative) (postinfection)

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Table23 – continued from previous page

CodeSystem	ConceptCode	ConceptName
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1.7.2 Cholecystitis

Table 24: Concept codes used to identify cholecystitis adverse events.

CodeSystem	ConceptCode	ConceptName
SNOMED CT	12932003	Calculus of common bile duct with chronic cholecystitis with obstruction
SNOMED CT	15082003	Calculus of bile duct with chronic cholecystitis with obstruction
SNOMED CT	19335008	Calculus of cystic duct with acute cholecystitis
SNOMED CT	19968009	Cholecystitis without calculus
SNOMED CT	20824003	Chronic cholecystitis
SNOMED CT	25924004	Calculus of gallbladder with cholecystitis
SNOMED CT	29484002	Cholelithiasis AND cholecystitis without obstruction
SNOMED CT	32067005	Acute emphysematous cholecystitis
SNOMED CT	34346002	Acute cholecystitis without calculus
SNOMED CT	197377009	Gallbladder calculus with acute cholecystitis and no obstruction
SNOMED CT	197378004	Gallbladder calculus with acute cholecystitis and obstruction
SNOMED CT	197389006	Bile duct calculus with acute cholecystitis
SNOMED CT	197391003	Bile duct calculus with acute cholecystitis and obstruction
SNOMED CT	722869007	Calculus of gallbladder without cholecystitis or cholangitis
SNOMED CT	38871000119104	Acute and chronic cholecystitis co-occurrent and due to calculus of gallbladder and bile duct
SNOMED CT	40331000119107	Acute cholecystitis due to biliary calculus
SNOMED CT	435121000124109	Calculus of gallbladder and bile duct with cholecystitis
SNOMED CT	435131000124107	Calculus of gallbladder and bile duct with acute cholecystitis
SNOMED CT	435161000124103	Calculus of gallbladder and bile duct with acute and chronic cholecystitis
SNOMED CT	1084931000119109	Chronic cholecystitis due to cholelithiasis co-occurrent with choledocholithiasis
SNOMED CT	1084971000119107	Chronic cholecystitis due to gallbladder calculus with obstruction
SNOMED CT	50450007	Gallstone AND cholecystitis with obstruction
SNOMED CT	448286002	Xanthogranulomatous cholecystitis
SNOMED CT	699050007	Calculus of gallbladder with acute and chronic cholecystitis
SNOMED CT	314949006	Perforated calculous chronic cholecystitis

Continued on next page

Table24 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	396335001	Acute and chronic cholecystitis
SNOMED CT	36483003	Calculus of bile duct with cholecystitis
SNOMED CT	46341007	Cholecystitis glandularis proliferans
SNOMED CT	48413001	Acute hemorrhagic cholecystitis
SNOMED CT	49341008	Calculus of cystic duct with cholecystitis
SNOMED CT	53928001	Chronic cholecystitis without calculus
SNOMED CT	59771005	Calculus of gallbladder with acute cholecystitis
SNOMED CT	60127009	Calculus of bile duct with acute cholecystitis without obstruction
SNOMED CT	64534006	Hyperplastic cholecystitis
SNOMED CT	65275009	Acute cholecystitis
SNOMED CT	68368005	Calculus of common bile duct with chronic cholecystitis
SNOMED CT	71745007	Calculus of bile duct with chronic cholecystitis without obstruction
SNOMED CT	72053008	Calculus of common bile duct with acute cholecystitis without obstruction
SNOMED CT	72533002	Acute gangrenous cholecystitis
SNOMED CT	74091007	Calculus of common bile duct with chronic cholecystitis without obstruction
SNOMED CT	76581006	Cholecystitis
SNOMED CT	81115009	Calculus of common bile duct with acute cholecystitis with obstruction
SNOMED CT	89251007	Calculus of common bile duct with acute cholecystitis
SNOMED CT	89628003	Acute suppurative cholecystitis
SNOMED CT	91316003	Calculus of bile duct with chronic cholecystitis
SNOMED CT	95558008	Pneumocholecystitis
SNOMED CT	95559000	Chronic cholecystitis with calculus
SNOMED CT	1269314004	Perforation of gallbladder due to chronic cholecystitis with calculus
SNOMED CT	197410004	Acute angiocholecystitis
SNOMED CT	73125001	Empyema of gallbladder
SNOMED CT	78754002	Angiocholecystitis

1.7.3 Cholelithiasis

Table 25: Concept codes used to identify cholelithiasis adverse events.

CodeSystem	ConceptCode	ConceptName
SNOMED CT	25924004	Calculus of gallbladder with cholecystitis
SNOMED CT	29484002	Cholelithiasis AND cholecystitis without obstruction

Continued on next page

Table25 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	197377009	Gallbladder calculus with acute cholecystitis and no obstruction
SNOMED CT	197378004	Gallbladder calculus with acute cholecystitis and obstruction
SNOMED CT	38871000119104	Acute and chronic cholecystitis co-occurrent and due to calculus of gallbladder and bile duct
SNOMED CT	1084931000119109	Chronic cholecystitis due to cholelithiasis co-occurrent with choledocholithiasis
SNOMED CT	50450007	Gallstone AND cholecystitis with obstruction
SNOMED CT	699050007	Calculus of gallbladder with acute and chronic cholecystitis
SNOMED CT	715577009	Low phospholipid associated cholelithiasis
SNOMED CT	266474003	Biliary calculus
SNOMED CT	59771005	Calculus of gallbladder with acute cholecystitis
SNOMED CT	70342003	Cholelithiasis without obstruction
SNOMED CT	77528005	Cholelithiasis with obstruction
SNOMED CT	1356007	Calculus of common duct with obstruction
SNOMED CT	4661003	Calculus of bile duct with obstruction
SNOMED CT	6087002	Calculus of hepatic duct with obstruction
SNOMED CT	7290007	Impacted gallstone of cystic duct
SNOMED CT	12932003	Calculus of common bile duct with chronic cholecystitis with obstruction
SNOMED CT	15082003	Calculus of bile duct with chronic cholecystitis with obstruction
SNOMED CT	19335008	Calculus of cystic duct with acute cholecystitis
SNOMED CT	1234821002	Primary intrahepatic lithiasis
SNOMED CT	27123005	Biliary sludge
SNOMED CT	27697003	Calculus of hepatic duct without obstruction
SNOMED CT	30093007	Calculus of bile duct
SNOMED CT	1269314004	Perforation of gallbladder due to chronic cholecystitis with calculus
SNOMED CT	94611000119105	Gallbladder calculus during pregnancy
SNOMED CT	1162777000	Obstruction of ampulla of Vater by calculus
SNOMED CT	197389006	Bile duct calculus with acute cholecystitis
SNOMED CT	197391003	Bile duct calculus with acute cholecystitis and obstruction
SNOMED CT	197402000	Calculus of bile duct with cholangitis
SNOMED CT	235919008	Gallstone
SNOMED CT	235923000	Retained bile duct stone
SNOMED CT	168036006	O/E: gallstone
SNOMED CT	168037002	O/E: cholesterol gallstone
SNOMED CT	168038007	O/E: pigment gallstone
SNOMED CT	722869007	Calculus of gallbladder without cholecystitis or cholangitis
SNOMED CT	735467004	Cholangitis co-occurrent and due to calculus of gallbladder
SNOMED CT	735734002	Calculus of bile duct without inflammation of biliary tract

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Table25 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	830074003	Cholesterol calculus of gallbladder
SNOMED CT	830075002	Pigment calculus of gallbladder
SNOMED CT	40331000119107	Acute cholecystitis due to biliary calculus
SNOMED CT	435121000124109	Calculus of gallbladder and bile duct with cholecystitis
SNOMED CT	435131000124107	Calculus of gallbladder and bile duct with acute cholecystitis
SNOMED CT	435161000124103	Calculus of gallbladder and bile duct with acute and chronic cholecystitis
SNOMED CT	435211000124107	Calculus of common bile duct with acute pancreatitis
SNOMED CT	10754781000119108	Gallbladder calculus in mother complicating childbirth
SNOMED CT	711564007	Cholecystolithiasis with obstruction
SNOMED CT	718309005	Calculus of common bile duct without obstruction
SNOMED CT	307132003	Common bile duct calculus
SNOMED CT	312110005	Gallbladder and bile duct calculi
SNOMED CT	314949006	Perforated calculous chronic cholecystitis
SNOMED CT	413197000	Calculus of cystic stump
SNOMED CT	36483003	Calculus of bile duct with cholecystitis
SNOMED CT	49341008	Calculus of cystic duct with cholecystitis
SNOMED CT	55479002	Impacted gallstone of gallbladder
SNOMED CT	59049008	Calculus of hepatic duct
SNOMED CT	60127009	Calculus of bile duct with acute cholecystitis without obstruction
SNOMED CT	62809003	Calculus of cystic duct with obstruction
SNOMED CT	65082000	Calculus of cystic duct
SNOMED CT	68368005	Calculus of common bile duct with chronic cholecystitis
SNOMED CT	68394001	Calculus of bile duct without obstruction
SNOMED CT	68601009	Calculus of cystic duct without obstruction
SNOMED CT	71745007	Calculus of bile duct with chronic cholecystitis without obstruction
SNOMED CT	72053008	Calculus of common bile duct with acute cholecystitis without obstruction
SNOMED CT	74091007	Calculus of common bile duct with chronic cholecystitis without obstruction
SNOMED CT	81115009	Calculus of common bile duct with acute cholecystitis with obstruction
SNOMED CT	1162565008	Calculus of intrahepatic bile duct
SNOMED CT	89251007	Calculus of common bile duct with acute cholecystitis
SNOMED CT	91316003	Calculus of bile duct with chronic cholecystitis
SNOMED CT	95559000	Chronic cholecystitis with calculus

1.7.4 Gastroenteritis

Table 26: Concept codes used to identify gastroenteritis adverse events.

CodeSystem	ConceptCode	ConceptName
SNOMED CT	12463005	Infectious gastroenteritis
SNOMED CT	12574004	Noninfectious gastroenteritis
SNOMED CT	24789006	Viral gastroenteritis due to Norwalk-like agent
SNOMED CT	25374005	Gastroenteritis
SNOMED CT	26006005	Allergic gastroenteritis
SNOMED CT	236063005	Adenoviral gastroenteritis
SNOMED CT	713186008	Gastroenteritis caused by drug
SNOMED CT	266081001	Colitis, enteritis and gastroenteritis presumed infectious
SNOMED CT	266451002	Allergic gastroenteritis and colitis
SNOMED CT	359613008	Acute infectious nonbacterial gastroenteritis
SNOMED CT	36789003	Acute infective gastroenteritis
SNOMED CT	69776003	Acute gastroenteritis
SNOMED CT	111843007	Viral gastroenteritis
SNOMED CT	27858009	Clostridial gastroenteritis
SNOMED CT	33687004	Dietetic gastroenteritis
SNOMED CT	196731005	Gastroduodenitis
SNOMED CT	197011006	Radiation gastroenteritis
SNOMED CT	240332005	Infantile gastroenteritis
SNOMED CT	735459007	Gastrointestinal hypersensitivity caused by food
SNOMED CT	765756007	Benign infantile seizure with mild gastroenteritis syndrome
SNOMED CT	10628871000119101	Gastroenteritis due to influenza
SNOMED CT	10628911000119103	Gastroenteritis due to Influenza A virus
SNOMED CT	415822001	Viral gastroenteritis caused by Rotavirus
SNOMED CT	421454008	Infectious gastroenteritis with AIDS (acquired immunodeficiency syndrome)
SNOMED CT	421983003	Noninfectious gastroenteritis with AIDS (acquired immunodeficiency syndrome)
SNOMED CT	142961000119108	Gastroenteritis caused by H1N1 influenza
SNOMED CT	707222009	Epidemic gastroenteritis
SNOMED CT	707352004	Institution-acquired gastroenteritis
SNOMED CT	713180002	Ischemic gastroenteritis
SNOMED CT	713570009	Infectious gastroenteritis co-occurrent with human immunodeficiency virus infection
SNOMED CT	308119005	Infantile viral gastroenteritis
SNOMED CT	312088007	Fungal gastroenteritis
SNOMED CT	359651008	Nonbacterial gastroenteritis of infant
SNOMED CT	359804008	Eosinophilic gastroenteritis
SNOMED CT	409506009	Hemorrhagic gastroenteritis
SNOMED CT	416482004	Food-borne gastroenteritis
SNOMED CT	283876006	Astrovirus gastroenteritis
SNOMED CT	283877002	Calicivirus gastroenteritis

Continued on next page

Table26 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	35974005	Cryptococcal gastroenteritis
SNOMED CT	51338006	Eosinophilic gastroenteropathy with food sensitivity
SNOMED CT	53954009	Eosinophilic gastroenteropathy with predominant sub-serosal disease
SNOMED CT	57419008	Gastroenteritis presumed infectious
SNOMED CT	63924002	Eosinophilic gastroenteropathy with predominant mucosal disease
SNOMED CT	66160001	Cryptosporidial gastroenteritis
SNOMED CT	67375008	Eosinophilic gastroenteropathy with predominant muscle layer disease
SNOMED CT	71583005	Toxic gastroenteritis
Truveta	1215944	Gastroenteritis due to severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
SNOMED CT	1187631004	Viral gastroenteritis caused by Sapovirus
SNOMED CT	89030000	Eosinophilic gastroenteropathy with collagen vascular disease
SNOMED CT	109814008	Acute ulcerative gastroenteritis complicating pneumonia

1.7.5 Gastroparesis

Table 27: Concept codes used to identify gastroparesis adverse events.

CodeSystem	ConceptCode	ConceptName
SNOMED CT	34140002	Diabetic gastroparesis
SNOMED CT	235675006	Gastroparesis syndrome
SNOMED CT	424989000	Diabetic gastroparesis associated with type 2 diabetes mellitus
SNOMED CT	425159004	Diabetic gastroparesis associated with type 1 diabetes mellitus
SNOMED CT	713702000	Gastroparesis due to type 1 diabetes mellitus
SNOMED CT	713703005	Gastroparesis due to type 2 diabetes mellitus
SNOMED CT	713704004	Gastroparesis due to diabetes mellitus
SNOMED CT	353821005	Idiopathic gastroparesis
SNOMED CT	75994008	Nondiabetic gastroparesis
SNOMED CT	77164002	Gastroparesis syndrome
SNOMED CT	235676007	Delayed gastric emptying following procedure
ICD9CM	536.3	Gastroparesis
ICD10CM	K31.84	Gastroparesis

1.7.6 Pancreatitis

Table 28: Concept codes used to identify pancreatitis adverse events.

CodeSystem	ConceptCode	ConceptName
SNOMED CT	4399003	Acute hemorrhagic pancreatitis
SNOMED CT	7881005	Acute necrotizing pancreatitis
SNOMED CT	8551005	Recurrent acute pancreatitis
SNOMED CT	15974001	Chronic pancreatitis
SNOMED CT	24407009	Suppurative pancreatitis
SNOMED CT	197456007	Acute pancreatitis
SNOMED CT	197457003	Acute pancreatitis unspecified
SNOMED CT	197458008	Acute recurrent pancreatitis
SNOMED CT	197459000	Acute hemorrhagic pancreatitis
SNOMED CT	197460005	Acute suppurative pancreatitis
SNOMED CT	197461009	Pancreatitis (& [acute NOS])
SNOMED CT	197462002	Chronic pancreatitis
SNOMED CT	197565003	[X]Other chronic pancreatitis
SNOMED CT	233005009	Painless pancreatitis
SNOMED CT	233870001	Recurrent pancreatitis
SNOMED CT	234689009	Relapsing pancreatitis
SNOMED CT	235494005	Chronic pancreatitis
SNOMED CT	235941008	Gallstone acute pancreatitis
SNOMED CT	235943006	Idiopathic acute pancreatitis
SNOMED CT	235944000	Drug-induced acute pancreatitis
SNOMED CT	235945004	Acute pancreatitis due to infection
SNOMED CT	235946003	Viral acute pancreatitis
SNOMED CT	235949005	Familial acute pancreatitis
SNOMED CT	235951009	Gallstone chronic pancreatitis
SNOMED CT	235953007	Idiopathic chronic pancreatitis
SNOMED CT	235954001	Obstructive chronic pancreatitis
SNOMED CT	235955000	Drug-induced chronic pancreatitis
SNOMED CT	155834006	Acute pancreatitis
SNOMED CT	155835007	Chronic pancreatitis
SNOMED CT	721724009	Acute on chronic pancreatitis
SNOMED CT	722544004	Pancreatitis due to pancreatic duct obstruction
SNOMED CT	722871007	Groove pancreatitis
SNOMED CT	722872000	Autoimmune pancreatitis type 1
SNOMED CT	838375006	Chronic infectious pancreatitis
SNOMED CT	96081000119101	Acute pancreatitis due to common bile duct calculus
SNOMED CT	435211000124107	Calculus of common bile duct with acute pancreatitis
SNOMED CT	448542008	Autoimmune pancreatitis
SNOMED CT	393591004	Pancreatitis
SNOMED CT	394519007	Gallstone acute pancreatitis
SNOMED CT	394520001	Gallstone chronic pancreatitis
SNOMED CT	266476001	Acute pancreatitis NOS

Continued on next page

Table28 – continued from previous page

CodeSystem	ConceptCode	ConceptName
SNOMED CT	301009006	Calcific chronic pancreatitis
SNOMED CT	39205007	Infectious pancreatitis
SNOMED CT	39726008	Acute pancreatitis
SNOMED CT	44636008	Interstitial pancreatitis
SNOMED CT	46626002	Subcutaneous nodular fat necrosis in pancreatitis
SNOMED CT	59154002	Subacute pancreatitis
SNOMED CT	59329007	Metabolic pancreatitis
SNOMED CT	75694006	Pancreatitis
SNOMED CT	95563007	Gallstone pancreatitis
SNOMED CT	123289004	Relapsing pancreatitis
SNOMED CT	303002	Apoplectic pancreatitis
SNOMED CT	10665004	Mumps pancreatitis
SNOMED CT	1263995002	Chronic pancreatitis due to gallbladder calculus
SNOMED CT	1197711009	Acute ischemic pancreatitis
SNOMED CT	234367000	Pancytopenia with pancreatitis
SNOMED CT	235942001	Alcohol-induced acute pancreatitis
SNOMED CT	235947007	Cytomegaloviral pancreatitis
SNOMED CT	235948002	Postoperative acute pancreatitis
SNOMED CT	235950005	Traumatic acute pancreatitis
SNOMED CT	235956004	Familial chronic pancreatitis
SNOMED CT	724540009	Tropical calcific chronic pancreatitis
SNOMED CT	767291004	Chronic pancreatitis due to acute alcohol intoxication
SNOMED CT	771446000	Follicular cholangitis and pancreatitis
SNOMED CT	154211000119108	Chronic pancreatitis due to chronic alcoholism
SNOMED CT	235952002	Chronic pancreatitis due to acute alcohol intoxication
SNOMED CT	277537008	Post-endoscopic retrograde cholangiopancreatography acute pancreatitis
SNOMED CT	399525009	Inflammation of hepatopancreatic ampulla
SNOMED CT	445507008	Alcohol-induced pancreatitis
SNOMED CT	1197710005	Acute pancreatitis due to systemic disease
SNOMED CT	68072000	Hereditary pancreatitis
SNOMED CT	74973004	Chronic fibrosing pancreatitis
SNOMED CT	878822006	Ischemic pancreatitis
SNOMED CT	1197701002	Type 1 autoimmune pancreatitis with extrapancreatic involvement
SNOMED CT	1197740007	Autoimmune pancreatitis type 2
ICD10CM	K85	Acute pancreatitis
ICD10CM	K85.0	Idiopathic acute pancreatitis
ICD10CM	K85.00	Idiopathic acute pancreatitis without necrosis or infection
ICD10CM	K85.01	Idiopathic acute pancreatitis with uninfected necrosis
ICD10CM	K85.02	Idiopathic acute pancreatitis with infected necrosis
ICD10CM	K85.1	Biliary acute pancreatitis
ICD10CM	K85.10	Biliary acute pancreatitis without necrosis or infection

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Table28 – continued from previous page

CodeSystem	ConceptCode	ConceptName
ICD10CM	K85.11	Biliary acute pancreatitis with uninfected necrosis
ICD10CM	K85.12	Biliary acute pancreatitis with infected necrosis
ICD10CM	K85.3	Drug induced acute pancreatitis
ICD10CM	K85.30	Drug induced acute pancreatitis without necrosis or infection
ICD10CM	K85.31	Drug induced acute pancreatitis with uninfected necrosis
ICD10CM	K85.32	Drug induced acute pancreatitis with infected necrosis
ICD10CM	K85.8	Other acute pancreatitis
ICD10CM	K85.80	Other acute pancreatitis without necrosis or infection
ICD10CM	K85.81	Other acute pancreatitis with uninfected necrosis
ICD10CM	K85.82	Other acute pancreatitis with infected necrosis
ICD10CM	K85.9	Acute pancreatitis, unspecified
ICD10CM	K85.90	Acute pancreatitis without necrosis or infection, unspecified
ICD10CM	K85.91	Acute pancreatitis with uninfected necrosis, unspecified
ICD10CM	K85.92	Acute pancreatitis with infected necrosis, unspecified
ICD10CM	K86.0	Alcohol-induced chronic pancreatitis
ICD10CM	K86.1	Other chronic pancreatitis
ICD10CM	K85.2	Alcohol induced acute pancreatitis
ICD10CM	K85.20	Alcohol induced acute pancreatitis without necrosis or infection
ICD10CM	K85.21	Alcohol induced acute pancreatitis with uninfected necrosis
ICD10CM	K85.22	Alcohol induced acute pancreatitis with infected necrosis
ICD9CM	577.0	Acute pancreatitis
ICD9CM	577.1	Chronic pancreatitis