

ADHD: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44825316	Hyperkinetic syndrome of childhood	314	ICD9CM	n
44821835	Attention deficit disorder of childhood	314.0	ICD9CM	n
44822997	Attention deficit disorder with hyperactivity	314.01	ICD9CM	n
44821836	Hyperkinesis with developmental delay	314.1	ICD9CM	n
44829952	Hyperkinetic conduct disorder	314.2	ICD9CM	n
44833427	Other specified manifestations of hyperkinetic syndrome	314.8	ICD9CM	n
44827676	Unspecified hyperkinetic syndrome	314.9	ICD9CM	n

ADHD: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
440086	Child attention deficit disorder	192127007	SNOMED	n
437261	Hyperkinesis with developmental delay	192131001	SNOMED	n
438132	Hyperkinetic conduct disorder	192132008	SNOMED	n
4041692	Deficits in attention motor control and perception	229715008	SNOMED	n
4049391	Undifferentiated attention deficit disorder	23148009	SNOMED	n
4149904	Attention deficit hyperactivity disorder, combined type	31177006	SNOMED	n
438409	Attention deficit hyperactivity disorder	406506008	SNOMED	n
44784525	Attention deficit hyperactivity disorder, predominantly hyperactive impulsive type in remission	698692009	SNOMED	n
4253962	Attention deficit hyperactivity disorder, predominantly hyperactive impulsive type	7461003	SNOMED	n
44825316	Hyperkinetic syndrome of childhood	314	ICD9CM	n
44821835	Attention deficit disorder of childhood	314.0	ICD9CM	n
44822997	Attention deficit disorder with hyperactivity	314.01	ICD9CM	n
44821836	Hyperkinesis with developmental delay	314.1	ICD9CM	n
44829952	Hyperkinetic conduct disorder	314.2	ICD9CM	n
44833427	Other specified manifestations of hyperkinetic syndrome	314.8	ICD9CM	n
44827676	Unspecified hyperkinetic syndrome	314.9	ICD9CM	n
1568263	Attention-deficit hyperactivity disorders	F90	ICD10CM	n
35207263	Attention-deficit hyperactivity disorder, predominantly hyperactive type	F90.1	ICD10CM	n

45552506	Attention-deficit hyperactivity disorder, combined type	F90.2	ICD10CM	n
35207264	Attention-deficit hyperactivity disorder, other type	F90.8	ICD10CM	n
35207265	Attention-deficit hyperactivity disorder, unspecified type	F90.9	ICD10CM	n
45581476	Hyperkinetic disorders	F90	ICD10	n
45605518	Hyperkinetic conduct disorder	F90.1	ICD10	n
45586262	Other hyperkinetic disorders	F90.8	ICD10	n
45533124	Hyperkinetic disorder, unspecified	F90.9	ICD10	n

ADHD: Knowledge Engineered SNOMED Mimic				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
437261	Hyperkinesis with developmental delay	192131001	SNOMED	n
438132	Hyperkinetic conduct disorder	192132008	SNOMED	n
438409	Attention deficit hyperactivity disorder	406506008	SNOMED	n

ADHD: Knowledge Engineered SNOMED Optimize				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
437261	Hyperkinesis with developmental delay	192131001	SNOMED	n
438132	Hyperkinetic conduct disorder	192132008	SNOMED	n
4041692	Deficits in attention motor control and perception	229715008	SNOMED	n
4049391	Undifferentiated attention deficit disorder	23148009	SNOMED	n
4149904	Attention deficit hyperactivity disorder, combined type	31177006	SNOMED	n
438409	Attention deficit hyperactivity disorder	406506008	SNOMED	n
44784525	Attention deficit hyperactivity disorder, predominantly hyperactive impulsive type in remission	698692009	SNOMED	n
4253962	Attention deficit hyperactivity disorder, predominantly hyperactive impulsive type	7461003	SNOMED	n

Appendicitis: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44831310	Acute appendicitis	540	ICD9CM	n
44830151	Acute appendicitis with generalized peritonitis	540.0	ICD9CM	n
44834807	Acute appendicitis with peritoneal abscess	540.1	ICD9CM	n
44830152	Acute appendicitis without mention of peritonitis	540.9	ICD9CM	n

Appendicitis: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
45601166	Acute appendicitis	K35	ICD10	n
45552925	Acute appendicitis with generalized peritonitis	K35.2	ICD10	n
45557650	Acute appendicitis with localized peritonitis	K35.3	ICD10	n
45567300	Acute appendicitis, other and unspecified	K35.8	ICD10	n
1569579	Acute appendicitis	K35	ICD10CM	n
920136	Acute appendicitis with generalized peritonitis	K35.2	ICD10CM	n
920137	Acute appendicitis with localized peritonitis	K35.3	ICD10CM	n
1569580	Other and unspecified acute appendicitis	K35.8	ICD10CM	n
45538522	Unspecified acute appendicitis	K35.80	ICD10CM	n
45605933	Other acute appendicitis	K35.89	ICD10CM	n
44831310	Acute appendicitis	540	ICD9CM	n
44830151	Acute appendicitis with generalized peritonitis	540.0	ICD9CM	n
44834807	Acute appendicitis with peritoneal abscess	540.1	ICD9CM	n
44830152	Acute appendicitis without mention of peritonitis	540.9	ICD9CM	n
4057524	Acute appendicitis with peritonitis	196781001	SNOMED	n
4340802	Acute focal appendicitis	235769005	SNOMED	n
4340803	Acute suppurative appendicitis	235770006	SNOMED	n
4141626	Acute appendicitis with appendix abscess	266439004	SNOMED	n
4151696	Acute obstructive appendicitis with perforation AND peritonitis	28358004	SNOMED	n
4117866	Acute perforated appendicitis	286967008	SNOMED	n
196149	Acute appendicitis with generalized peritonitis	28845006	SNOMED	n
4177979	Acute obstructive appendicitis	4998000	SNOMED	n
4178300	Acute gangrenous appendicitis	50846009	SNOMED	n
193238	Acute appendicitis with peritoneal abscess	51036000	SNOMED	n

4275886	Acute gangrenous appendicitis with perforation AND peritonitis	64252005	SNOMED	n
4277609	Acute fulminating appendicitis with perforation AND peritonitis	64994000	SNOMED	n
44784251	Acute appendicitis with localized peritonitis	698294004	SNOMED	n
441604	Acute appendicitis without peritonitis	72048003	SNOMED	n
4222930	Acute fulminating appendicitis	84534001	SNOMED	n
4310400	Acute appendicitis	85189001	SNOMED	n

[illegible]

[illegible]

Cataracts: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44831165	Senile cataract, unspecified	366.10	ICD9CM	n
44830010	Incipient senile cataract	366.12	ICD9CM	n
44830011	Anterior subcapsular polar senile cataract	366.13	ICD9CM	n
44831166	Posterior subcapsular polar senile cataract	366.14	ICD9CM	n
44828913	Cortical senile cataract	366.15	ICD9CM	n
44819629	Senile nuclear sclerosis	366.16	ICD9CM	n
44828914	Total or mature cataract	366.17	ICD9CM	n
44827724	Hyperature cataract	366.18	ICD9CM	n
44828915	Other and combined forms of senile cataract	366.19	ICD9CM	n
44826580	Localized traumatic opacities	366.21	ICD9CM	n
44837041	Cataracta complicata, unspecified	366.30	ICD9CM	n
44833484	Diabetic cataract	366.41	ICD9CM	n
44819631	Toxic cataract	366.45	ICD9CM	n
44837043	Other cataract	366.8	ICD9CM	n
44827725	Unspecified cataract	366.9	ICD9CM	n

Cataracts: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
4001501	Calcified cataract	10970008	SNOMED	n
4007451	Axial cataract	110998005	SNOMED	n
4007944	Stationary cataract	110999002	SNOMED	n
4006784	Adherent cataract	111000003	SNOMED	n
375256	Anterior subcapsular polar senile cataract	111515007	SNOMED	n
376400	Combined form of senile cataract	11422002	SNOMED	n
4008296	Coronary cataract	12195004	SNOMED	n
4048060	Partial cataract	123614006	SNOMED	n
4048386	Osteogenesis imperfecta, recessive perinatal lethal, with microcephaly AND cataracts	15552004	SNOMED	n
36712945	Cataract of posterior subcapsule of right eye	15639401000119105	SNOMED	n
36712946	Cataract of posterior subcapsule of left eye	15639441000119107	SNOMED	n
36712947	Cataract of posterior subcapsule of bilateral eyes	15639481000119102	SNOMED	n
37108933	Bilateral posterior capsule opacification not obscuring vision	15737161000119103	SNOMED	n
37108934	Right posterior capsule opacification not obscuring vision	15737201000119108	SNOMED	n
37108935	Left posterior capsule opacification not obscuring vision	15737241000119105	SNOMED	n
37108936	Bilateral posterior capsule opacification	15737281000119100	SNOMED	n
4103579	Cortical cataract	193576003	SNOMED	n
4109424	Lamellar zonular cataract	193577007	SNOMED	n
439297	Nuclear senile cataract	193589009	SNOMED	n
4109544	Total, mature senile cataract	193590000	SNOMED	n
376973	Cataract secondary to ocular disease	193600001	SNOMED	n
381566	Cataract in eye inflammatory disorder	193602009	SNOMED	n
4108983	Toxic cataract not due to drugs	193610005	SNOMED	n

4070182	Capsular and/or subcapsular cataract	204124004	SNOMED	n
4070183	Capsular cataract	204125003	SNOMED	n
45757567	Hypermaturation senile cataract	217791000119107	SNOMED	n
376117	Cataract in degenerative disorder	21818003	SNOMED	n
4334868	Cataract in systemic disorders	231970007	SNOMED	n
4334869	Cataract in hypoparathyroidism	231971006	SNOMED	n
4334870	Malnutrition-dehydration cataract	231972004	SNOMED	n
4051632	Cataract in inflammatory disorder	23273003	SNOMED	n
4130588	Morgagnian cataract	264443002	SNOMED	n
379811	Hypermaturation cataract	267626000	SNOMED	n
4105159	Atopic cataract	2951009	SNOMED	n
4210432	Immature cortical cataract	311789006	SNOMED	n
4152554	Mixed type cataract	314766004	SNOMED	n
4199963	Anterior subcapsular cataract	315352000	SNOMED	n
4197734	Posterior subcapsular cataract	315353005	SNOMED	n
374646	Toxic cataract	38583007	SNOMED	n
381295	Age-related cataract	39450006	SNOMED	n
4230930	Punctate cataract	40714009	SNOMED	n
4259620	Anterior capsule opacification	410568009	SNOMED	n
4221495	Diabetic cataract associated with type 2 diabetes mellitus	420756003	SNOMED	n
4225656	Diabetic cataract associated with type 1 diabetes mellitus	421920002	SNOMED	n
376979	Diabetic cataract	43959009	SNOMED	n
380722	Localized traumatic opacity	43972005	SNOMED	n
40479994	Presenile cataract	441622000	SNOMED	n
40482507	Incipient senile cataract	445213003	SNOMED	n
438749	Posterior subcapsular polar senile cataract	5318001	SNOMED	n
376688	Subcapsular glaucomatous flecks	67733005	SNOMED	n
36713345	Presenile cataract of bilateral eyes	678491000119108	SNOMED	n

36713528	Cataract due to idiopathic hypoparathyroidism	717893006	SNOMED	n
36713529	Cataract due to pseudohypoparathyroidism	717894000	SNOMED	n
36713858	Cataract glaucoma syndrome	718851007	SNOMED	n
37111463	Coronary age-related cataract	726404007	SNOMED	n
37111464	Punctate age-related cataract	726405008	SNOMED	n
372624	Cataract with neovascularization	76309006	SNOMED	n
4301387	Cataracta brunescens	77873007	SNOMED	n
432895	Cortical senile cataract	78875003	SNOMED	n
377285	Mature cataract	849000	SNOMED	n
4317977	Bilateral cataracts	95722004	SNOMED	n
4319588	Subcapsular cataract	95723009	SNOMED	n
4319589	Intumescent cataract	95724003	SNOMED	n
44835867	Senile cataract	366.1	ICD9CM	n
44831165	Senile cataract, unspecified	366.10	ICD9CM	n
44830010	Incipient senile cataract	366.12	ICD9CM	n
44830011	Anterior subcapsular polar senile cataract	366.13	ICD9CM	n
44831166	Posterior subcapsular polar senile cataract	366.14	ICD9CM	n
44828913	Cortical senile cataract	366.15	ICD9CM	n
44819629	Senile nuclear sclerosis	366.16	ICD9CM	n
44828914	Total or mature cataract	366.17	ICD9CM	n
44827724	Hyperature cataract	366.18	ICD9CM	n
44828915	Other and combined forms of senile cataract	366.19	ICD9CM	n
44826580	Localized traumatic opacities	366.21	ICD9CM	n
44824186	Cataract secondary to ocular disorders	366.3	ICD9CM	n
44837041	Cataracta complicata, unspecified	366.30	ICD9CM	n
44831167	Glaucomatous flecks (subcapsular)	366.31	ICD9CM	n
44823055	Cataract in inflammatory ocular disorders	366.32	ICD9CM	n
44830013	Cataract with neovascularization	366.33	ICD9CM	n
44828917	Cataract in degenerative ocular disorders	366.34	ICD9CM	n

44828918	Cataract associated with other disorders	366.4	ICD9CM	n
44833484	Diabetic cataract	366.41	ICD9CM	n
44819630	Tetanic cataract	366.42	ICD9CM	n
44823056	Myotonic cataract	366.43	ICD9CM	n
44830014	Cataract associated with other syndromes	366.44	ICD9CM	n
44819631	Toxic cataract	366.45	ICD9CM	n
44837043	Other cataract	366.8	ICD9CM	n
44827725	Unspecified cataract	366.9	ICD9CM	n
45566724	Diabetes mellitus due to underlying condition with diabetic cataract	E08.36	ICD10CM	n
45542732	Drug or chemical induced diabetes mellitus with diabetic cataract	E09.36	ICD10CM	n
45552382	Type 1 diabetes mellitus with diabetic cataract	E10.36	ICD10CM	n
45595798	Type 2 diabetes mellitus with diabetic cataract	E11.36	ICD10CM	n
45566734	Other specified diabetes mellitus with diabetic cataract	E13.36	ICD10CM	n
1568646	Age-related cataract	H25	ICD10CM	n
1568647	Age-related incipient cataract	H25.0	ICD10CM	n
1568648	Cortical age-related cataract	H25.01	ICD10CM	n
45591297	Cortical age-related cataract, right eye	H25.011	ICD10CM	n
45552638	Cortical age-related cataract, left eye	H25.012	ICD10CM	n
45557376	Cortical age-related cataract, bilateral	H25.013	ICD10CM	n
45567013	Cortical age-related cataract, unspecified eye	H25.019	ICD10CM	n
1568649	Anterior subcapsular polar age-related cataract	H25.03	ICD10CM	n
45576700	Anterior subcapsular polar age-related cataract, right eye	H25.031	ICD10CM	n
45586421	Anterior subcapsular polar age-related cataract, left eye	H25.032	ICD10CM	n

45591298	Anterior subcapsular polar age-related cataract, bilateral	H25.033	ICD10CM	n
45562204	Anterior subcapsular polar age-related cataract, unspecified eye	H25.039	ICD10CM	n
1568650	Posterior subcapsular polar age-related cataract	H25.04	ICD10CM	n
45538241	Posterior subcapsular polar age-related cataract, right eye	H25.041	ICD10CM	n
45547840	Posterior subcapsular polar age-related cataract, left eye	H25.042	ICD10CM	n
45605643	Posterior subcapsular polar age-related cataract, bilateral	H25.043	ICD10CM	n
45581626	Posterior subcapsular polar age-related cataract, unspecified eye	H25.049	ICD10CM	n
1568651	Other age-related incipient cataract	H25.09	ICD10CM	n
45547841	Other age-related incipient cataract, right eye	H25.091	ICD10CM	n
45547842	Other age-related incipient cataract, left eye	H25.092	ICD10CM	n
45581627	Other age-related incipient cataract, bilateral	H25.093	ICD10CM	n
45591299	Other age-related incipient cataract, unspecified eye	H25.099	ICD10CM	n
1568652	Age-related nuclear cataract	H25.1	ICD10CM	n
45557377	Age-related nuclear cataract, unspecified eye	H25.10	ICD10CM	n
45600888	Age-related nuclear cataract, right eye	H25.11	ICD10CM	n
45596049	Age-related nuclear cataract, left eye	H25.12	ICD10CM	n
45533277	Age-related nuclear cataract, bilateral	H25.13	ICD10CM	n
1568653	Age-related cataract, morgagnian type	H25.2	ICD10CM	n
45562206	Age-related cataract, morgagnian type, unspecified eye	H25.20	ICD10CM	n

45591300	Age-related cataract, morgagnian type, right eye	H25.21	ICD10CM	n
45600889	Age-related cataract, morgagnian type, left eye	H25.22	ICD10CM	n
45547843	Age-related cataract, morgagnian type, bilateral	H25.23	ICD10CM	n
1568654	Other age-related cataract	H25.8	ICD10CM	n
1568655	Combined forms of age-related cataract	H25.81	ICD10CM	n
45557378	Combined forms of age-related cataract, right eye	H25.811	ICD10CM	n
45605645	Combined forms of age-related cataract, left eye	H25.812	ICD10CM	n
45562207	Combined forms of age-related cataract, bilateral	H25.813	ICD10CM	n
45557379	Combined forms of age-related cataract, unspecified eye	H25.819	ICD10CM	n
45552639	Other age-related cataract	H25.89	ICD10CM	n
35207543	Unspecified age-related cataract	H25.9	ICD10CM	n
1568656	Other cataract	H26	ICD10CM	n
1568666	Localized traumatic opacities	H26.11	ICD10CM	n
45571927	Localized traumatic opacities, right eye	H26.111	ICD10CM	n
45557382	Localized traumatic opacities, left eye	H26.112	ICD10CM	n
45538243	Localized traumatic opacities, bilateral	H26.113	ICD10CM	n
45543007	Localized traumatic opacities, unspecified eye	H26.119	ICD10CM	n
1568667	Complicated cataract	H26.2	ICD10CM	n
45586423	Unspecified complicated cataract	H26.20	ICD10CM	n
45591303	Cataract with neovascularization	H26.21	ICD10CM	n
45605649	Cataract with neovascularization, right eye	H26.211	ICD10CM	n
45552642	Cataract with neovascularization, left eye	H26.212	ICD10CM	n
45538244	Cataract with neovascularization, bilateral	H26.213	ICD10CM	n

45600891	Cataract with neovascularization, unspecified eye	H26.219	ICD10CM	n
1568668	Cataract secondary to ocular disorders (degenerative) (inflammatory)	H26.22	ICD10CM	n
45557383	Cataract secondary to ocular disorders (degenerative) (inflammatory), right eye	H26.221	ICD10CM	n
45576703	Cataract secondary to ocular disorders (degenerative) (inflammatory), left eye	H26.222	ICD10CM	n
45543009	Cataract secondary to ocular disorders (degenerative) (inflammatory), bilateral	H26.223	ICD10CM	n
45586424	Cataract secondary to ocular disorders (degenerative) (inflammatory), unspecified eye	H26.229	ICD10CM	n
1568669	Glaucomatous flecks (subcapsular)	H26.23	ICD10CM	n
45591304	Glaucomatous flecks (subcapsular), right eye	H26.231	ICD10CM	n
45576704	Glaucomatous flecks (subcapsular), left eye	H26.232	ICD10CM	n
45533282	Glaucomatous flecks (subcapsular), bilateral	H26.233	ICD10CM	n
45600892	Glaucomatous flecks (subcapsular), unspecified eye	H26.239	ICD10CM	n
1568670	Drug-induced cataract	H26.3	ICD10CM	n
45552643	Drug-induced cataract, unspecified eye	H26.30	ICD10CM	n
45562214	Drug-induced cataract, right eye	H26.31	ICD10CM	n
45596055	Drug-induced cataract, left eye	H26.32	ICD10CM	n
45591305	Drug-induced cataract, bilateral	H26.33	ICD10CM	n
1568671	Secondary cataract	H26.4	ICD10CM	n

45557384	Unspecified secondary cataract	H26.40	ICD10CM	n
35207544	Other specified cataract	H26.8	ICD10CM	n
35207545	Unspecified cataract	H26.9	ICD10CM	n
35207548	Cataract in diseases classified elsewhere	H28	ICD10CM	n
45562203	Senile cataract	H25	ICD10	n
45576699	Senile incipient cataract	H25.0	ICD10	n
45581628	Senile nuclear cataract	H25.1	ICD10	n
45562205	Senile cataract, morgagnian type	H25.2	ICD10	n
45605644	Other senile cataract	H25.8	ICD10	n
45552640	Senile cataract, unspecified	H25.9	ICD10	n
45581629	Other cataract	H26	ICD10	n
45596054	Complicated cataract	H26.2	ICD10	n
45562213	Drug-induced cataract	H26.3	ICD10	n
45552644	Other specified cataract	H26.8	ICD10	n
45605651	Cataract, unspecified	H26.9	ICD10	n
45571931	Cataract and other disorders of lens in diseases classified elsewhere	H28	ICD10	n
45533286	Diabetic cataract	H28.0	ICD10	n
45552647	Cataract in other endocrine, nutritional and metabolic diseases	H28.1	ICD10	n
45586428	Cataract in other diseases classified elsewhere	H28.2	ICD10	n

Cataracts: Knowledge Engineered SNOMED Mimic				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
381295	Age-related cataract	39450006	SNOMED	n
40482507	Incipient senile cataract	445213003	SNOMED	n
375256	Anterior subcapsular polar senile cataract	111515007	SNOMED	n
438749	Posterior subcapsular polar senile cataract	5318001	SNOMED	n
432895	Cortical senile cataract	78875003	SNOMED	n
439297	Nuclear senile cataract	193589009	SNOMED	n
377285	Mature cataract	849000	SNOMED	n
379811	Hypermaturation cataract	267626000	SNOMED	n
376400	Combined form of senile cataract	11422002	SNOMED	n
380722	Localized traumatic opacity	43972005	SNOMED	n
376973	Cataract secondary to ocular disease	193600001	SNOMED	n
376979	Diabetic cataract	43959009	SNOMED	n
374646	Toxic cataract	38583007	SNOMED	n
375545	Cataract	193570009	SNOMED	n

Cataracts: Knowledge Engineered SNOMED Optimize				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
4001501	Calcified cataract	10970008	SNOMED	n
4007451	Axial cataract	110998005	SNOMED	n
4007944	Stationary cataract	110999002	SNOMED	n
4006784	Adherent cataract	111000003	SNOMED	n
375256	Anterior subcapsular polar senile cataract	111515007	SNOMED	n
376400	Combined form of senile cataract	11422002	SNOMED	n
45757344	Congenital capsular and/or subcapsular cataract	11711000119104	SNOMED	n
4008296	Coronary cataract	12195004	SNOMED	n
4048060	Partial cataract	123614006	SNOMED	n
4048386	Osteogenesis imperfecta, recessive perinatal lethal, with microcephaly AND cataracts	15552004	SNOMED	n
36712945	Cataract of posterior subcapsule of right eye	15639401000119105	SNOMED	n
36712946	Cataract of posterior subcapsule of left eye	15639441000119107	SNOMED	n
36712947	Cataract of posterior subcapsule of bilateral eyes	15639481000119102	SNOMED	n
37108933	Bilateral posterior capsule opacification not obscuring vision	15737161000119103	SNOMED	n
37108934	Right posterior capsule opacification not obscuring vision	15737201000119108	SNOMED	n
37108935	Left posterior capsule opacification not obscuring vision	15737241000119105	SNOMED	n
37108936	Bilateral posterior capsule opacification	15737281000119100	SNOMED	n
375545	Cataract	193570009	SNOMED	n
4103579	Cortical cataract	193576003	SNOMED	n
4109424	Lamellar zonular cataract	193577007	SNOMED	n
439297	Nuclear senile cataract	193589009	SNOMED	n
4109544	Total, mature senile cataract	193590000	SNOMED	n
376973	Cataract secondary to ocular disease	193600001	SNOMED	n
381566	Cataract in eye inflammatory disorder	193602009	SNOMED	n

4108983	Toxic cataract not due to drugs	193610005	SNOMED	n
4070182	Capsular and/or subcapsular cataract	204124004	SNOMED	n
4070183	Capsular cataract	204125003	SNOMED	n
45757567	Hypermaturation senile cataract	217791000119107	SNOMED	n
376117	Cataract in degenerative disorder	21818003	SNOMED	n
4334868	Cataract in systemic disorders	231970007	SNOMED	n
4334869	Cataract in hypoparathyroidism	231971006	SNOMED	n
4334870	Malnutrition-dehydration cataract	231972004	SNOMED	n
4051632	Cataract in inflammatory disorder	23273003	SNOMED	n
4130588	Morgagnian cataract	264443002	SNOMED	n
379811	Hypermaturation cataract	267626000	SNOMED	n
4105159	Atopic cataract	2951009	SNOMED	n
4210432	Immature cortical cataract	311789006	SNOMED	n
4152554	Mixed type cataract	314766004	SNOMED	n
4199963	Anterior subcapsular cataract	315352000	SNOMED	n
4197734	Posterior subcapsular cataract	315353005	SNOMED	n
374646	Toxic cataract	38583007	SNOMED	n
381295	Age-related cataract	39450006	SNOMED	n
4230930	Punctate cataract	40714009	SNOMED	n
4259620	Anterior capsule opacification	410568009	SNOMED	n
4221495	Diabetic cataract associated with type 2 diabetes mellitus	420756003	SNOMED	n
4225656	Diabetic cataract associated with type 1 diabetes mellitus	421920002	SNOMED	n
376979	Diabetic cataract	43959009	SNOMED	n
380722	Localized traumatic opacity	43972005	SNOMED	n
40479994	Presenile cataract	441622000	SNOMED	n
40482507	Incipient senile cataract	445213003	SNOMED	n
438749	Posterior subcapsular polar senile cataract	5318001	SNOMED	n
376688	Subcapsular glaucomatous flecks	67733005	SNOMED	n

36713345	Presenile cataract of bilateral eyes	678491000119108	SNOMED	n
36713528	Cataract due to idiopathic hypoparathyroidism	717893006	SNOMED	n
36713529	Cataract due to pseudohypoparathyroidism	717894000	SNOMED	n
36713858	Cataract glaucoma syndrome	718851007	SNOMED	n
37111463	Coronary age-related cataract	726404007	SNOMED	n
37111464	Punctate age-related cataract	726405008	SNOMED	n
372624	Cataract with neovascularization	76309006	SNOMED	n
4301387	Cataracta brunescens	77873007	SNOMED	n
432895	Cortical senile cataract	78875003	SNOMED	n
377285	Mature cataract	849000	SNOMED	n
4317977	Bilateral cataracts	95722004	SNOMED	n
4319588	Subcapsular cataract	95723009	SNOMED	n
4319589	Intumescent cataract	95724003	SNOMED	n

Chron's Disease: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44834811	Regional enteritis	555	ICD9CM	n
44827872	Regional enteritis of small intestine	555.0	ICD9CM	n
44820945	Regional enteritis of large intestine	555.1	ICD9CM	n
44825522	Regional enteritis of small intestine with large intestine	555.2	ICD9CM	n
44822028	Regional enteritis of unspecified site	555.9	ICD9CM	n

Chron's Disease: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
46274073	Abscess of intestine co-occurrent and due to Crohn's disease of large intestine	1085751000119100	SNOMED	n
46269874	Complication due to Crohn's disease of large intestine	1085761000119103	SNOMED	n
46269875	Fistula of large intestine due to Crohn's disease	1085771000119109	SNOMED	n
46269876	Intestinal obstruction due to Crohn's disease of large intestine	1085781000119107	SNOMED	n
46269877	Rectal hemorrhage due to Crohn's disease of large intestine	1085791000119105	SNOMED	n
46269878	Abscess of intestine co-occurrent and due to Crohn's disease of small and large intestine	1085801000119106	SNOMED	n
46269879	Complication due to Crohn's disease of small and large intestines	1085811000119109	SNOMED	n
46269880	Fistula of intestine due to Crohn's disease of small and large intestine	1085821000119102	SNOMED	n
46269881	Intestinal obstruction due to Crohn's disease of small and large intestine	1085831000119104	SNOMED	n
46269882	Rectal hemorrhage due to Crohn's disease of small and large intestines	1085841000119108	SNOMED	n
46269883	Abscess of intestine co-occurrent and due to Crohn's disease of small intestine	1085851000119105	SNOMED	n
46269884	Complication due to Crohn's disease of small intestine	1085861000119107	SNOMED	n
46269885	Fistula of small intestine due to Crohn's disease	1085871000119101	SNOMED	n
46269886	Intestinal obstruction due to Crohn's disease of small intestine	1085881000119103	SNOMED	n
46269887	Rectal hemorrhage due to Crohn's disease of small intestine	1085891000119100	SNOMED	n

46269888	Abscess of intestine co-occurrent and due to Crohn's disease	1085901000119101	SNOMED	n
46269889	Complication due to Crohn's disease	1085911000119103	SNOMED	n
46269890	Intestinal obstruction due to Crohn's disease	1085931000119108	SNOMED	n
46269891	Rectal hemorrhage due to Crohn's disease	1085941000119104	SNOMED	n
4055884	Orofacial Crohn's disease	196578009	SNOMED	n
4055020	Crohn's disease of terminal ileum	196977009	SNOMED	n
4122617	Orofacial Crohn's disease of gingivae	234999001	SNOMED	n
4340114	Crohn's disease of esophagus	235607002	SNOMED	n
4342643	Crohn's disease of stomach	235664007	SNOMED	n
201606	Crohn's disease	34000006	SNOMED	n
4244235	Crohn's disease of ileum	38106008	SNOMED	n
4242392	Crohn's disease of rectum	3815005	SNOMED	n
4264850	Gastrointestinal Crohn's disease	397172008	SNOMED	n
4246693	Crohn's disease of intestine	397173003	SNOMED	n
4131542	Crohn's stricture of colon	413276006	SNOMED	n
4212991	Exacerbation of Crohn's disease of large intestine	414153008	SNOMED	n
4212992	Exacerbation of Crohn's disease of small intestine	414154002	SNOMED	n
4142544	Crohn's disease in remission	426549001	SNOMED	n
4177488	Crohn's disease of colon	50440006	SNOMED	n
4210469	Crohn's disease of duodenum	56287005	SNOMED	n
195585	Crohn's disease of small intestine	56689002	SNOMED	n
4266370	Crohn's disease of pylorus	61424003	SNOMED	n
4323289	Crohn's disease of pyloric antrum	70622003	SNOMED	n
195575	Crohn's disease of small AND large intestines	71833008	SNOMED	n
36715915	Crohn disease of anal canal	721702009	SNOMED	n
36716695	Crohn disease of gastrointestinal anastomosis	722850002	SNOMED	n

194684	Crohn's disease of large bowel	7620006	SNOMED	n
36716986	Arthritis co-occurrent and due to Crohn's disease	8161000119106	SNOMED	n
4239382	Crohn's disease of jejunum	91390005	SNOMED	n
44834811	Regional enteritis	555	ICD9CM	n
44827872	Regional enteritis of small intestine	555.0	ICD9CM	n
44820945	Regional enteritis of large intestine	555.1	ICD9CM	n
44825522	Regional enteritis of small intestine with large intestine	555.2	ICD9CM	n
44822028	Regional enteritis of unspecified site	555.9	ICD9CM	n
1569610	Crohn's disease [regional enteritis]	K50	ICD10CM	n
1569611	Crohn's disease of small intestine	K50.0	ICD10CM	n
45533598	Crohn's disease of small intestine without complications	K50.00	ICD10CM	n
1569612	Crohn's disease of small intestine with complications	K50.01	ICD10CM	n
45601172	Crohn's disease of small intestine with rectal bleeding	K50.011	ICD10CM	n
45543315	Crohn's disease of small intestine with intestinal obstruction	K50.012	ICD10CM	n
45591593	Crohn's disease of small intestine with fistula	K50.013	ICD10CM	n
45557653	Crohn's disease of small intestine with abscess	K50.014	ICD10CM	n
45586716	Crohn's disease of small intestine with other complication	K50.018	ICD10CM	n
45538530	Crohn's disease of small intestine with unspecified complications	K50.019	ICD10CM	n
1569613	Crohn's disease of large intestine	K50.1	ICD10CM	n

45576986	Crohn's disease of large intestine without complications	K50.10	ICD10CM	n
1569614	Crohn's disease of large intestine with complications	K50.11	ICD10CM	n
45596325	Crohn's disease of large intestine with rectal bleeding	K50.111	ICD10CM	n
45576987	Crohn's disease of large intestine with intestinal obstruction	K50.112	ICD10CM	n
45548159	Crohn's disease of large intestine with fistula	K50.113	ICD10CM	n
45596326	Crohn's disease of large intestine with abscess	K50.114	ICD10CM	n
45581901	Crohn's disease of large intestine with other complication	K50.118	ICD10CM	n
45562489	Crohn's disease of large intestine with unspecified complications	K50.119	ICD10CM	n
1569615	Crohn's disease of both small and large intestine	K50.8	ICD10CM	n
45596327	Crohn's disease of both small and large intestine without complications	K50.80	ICD10CM	n
1569616	Crohn's disease of both small and large intestine with complications	K50.81	ICD10CM	n
45567306	Crohn's disease of both small and large intestine with rectal bleeding	K50.811	ICD10CM	n
45533600	Crohn's disease of both small and large intestine with intestinal obstruction	K50.812	ICD10CM	n
45601174	Crohn's disease of both small and large intestine with fistula	K50.813	ICD10CM	n
45533601	Crohn's disease of both small and large intestine with abscess	K50.814	ICD10CM	n
45601175	Crohn's disease of both small and large intestine with other complication	K50.818	ICD10CM	n

45581902	Crohn's disease of both small and large intestine with unspecified complications	K50.819	ICD10CM	n
1569617	Crohn's disease, unspecified	K50.9	ICD10CM	n
45601176	Crohn's disease, unspecified, without complications	K50.90	ICD10CM	n
1569618	Crohn's disease, unspecified, with complications	K50.91	ICD10CM	n
45567307	Crohn's disease, unspecified, with rectal bleeding	K50.911	ICD10CM	n
45557654	Crohn's disease, unspecified, with intestinal obstruction	K50.912	ICD10CM	n
45543316	Crohn's disease, unspecified, with fistula	K50.913	ICD10CM	n
45562491	Crohn's disease, unspecified, with abscess	K50.914	ICD10CM	n
45576988	Crohn's disease, unspecified, with other complication	K50.918	ICD10CM	n
45572211	Crohn's disease, unspecified, with unspecified complications	K50.919	ICD10CM	n
45755435	Crohn disease [regional enteritis]	K50	ICD10	n
45596324	Crohn disease of small intestine	K50.0	ICD10	n
45601173	Crohn disease of large intestine	K50.1	ICD10	n
45533599	Other Crohn disease	K50.8	ICD10	n
45562490	Crohn disease, unspecified	K50.9	ICD10	n

[illegible]

[illegible]

Heart Failure as exclusion diagnosis: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44824250	Heart failure	428	ICD9CM	n
44826642	Congestive heart failure, unspecified	428.0	ICD9CM	n
44827794	Left heart failure	428.1	ICD9CM	n
44834732	Systolic heart failure	428.2	ICD9CM	n
44830086	Systolic heart failure, unspecified	428.20	ICD9CM	n
44820869	Acute systolic heart failure	428.21	ICD9CM	n
44831248	Chronic systolic heart failure	428.22	ICD9CM	n
44833573	Acute on chronic systolic heart failure	428.23	ICD9CM	n
44831249	Diastolic heart failure	428.3	ICD9CM	n
44831250	Diastolic heart failure, unspecified	428.30	ICD9CM	n
44824251	Acute diastolic heart failure	428.31	ICD9CM	n
44835943	Chronic diastolic heart failure	428.32	ICD9CM	n
44835944	Acute on chronic diastolic heart failure	428.33	ICD9CM	n
44833574	Combined systolic and diastolic heart failure	428.4	ICD9CM	n
44832381	Combined systolic and diastolic heart failure, unspecified	428.40	ICD9CM	n
44827795	Acute combined systolic and diastolic heart failure	428.41	ICD9CM	n
44820870	Chronic combined systolic and diastolic heart failure	428.42	ICD9CM	n
44823119	Acute on chronic combined systolic and diastolic heart failure	428.43	ICD9CM	n
44827796	Heart failure, unspecified	428.9	ICD9CM	n

Heart Failure as exclusion diagnosis: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
45538369	Hypertensive heart disease with (congestive) heart failure	I11.0	ICD10	n
45572075	Hypertensive heart and renal disease with (congestive) heart failure	I13.0	ICD10	n
45552780	Hypertensive heart and renal disease with both (congestive) heart failure and renal failure	I13.2	ICD10	n
45567169	Pulmonary embolism with mention of acute cor pulmonale	I26.0	ICD10	n
45533440	Other pulmonary heart diseases	I27	ICD10	n
45548015	Pulmonary heart disease, unspecified	I27.9	ICD10	n
45581779	Heart failure	I50	ICD10	n
45567179	Congestive heart failure	I50.0	ICD10	n
45543181	Left ventricular failure	I50.1	ICD10	n
45576879	Heart failure, unspecified	I50.9	ICD10	n
45553639	Neonatal cardiac failure	P29.0	ICD10	n
35207669	Hypertensive heart disease with heart failure	I11.0	ICD10CM	n
35207673	Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease	I13.0	ICD10CM	n
35207674	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease	I13.2	ICD10CM	n
1569148	Pulmonary embolism with acute cor pulmonale	I26.0	ICD10CM	n
45572083	Septic pulmonary embolism with acute cor pulmonale	I26.01	ICD10CM	n
45557540	Saddle embolus of pulmonary artery with acute cor pulmonale	I26.02	ICD10CM	n
45586576	Other pulmonary embolism with acute cor pulmonale	I26.09	ICD10CM	n
45601029	Cor pulmonale (chronic)	I27.81	ICD10CM	n

1569178	Heart failure	I50	ICD10CM	n
35207792	Left ventricular failure	I50.1	ICD10CM	n
1569179	Systolic (congestive) heart failure	I50.2	ICD10CM	n
45586587	Unspecified systolic (congestive) heart failure	I50.20	ICD10CM	n
45543182	Acute systolic (congestive) heart failure	I50.21	ICD10CM	n
45576878	Chronic systolic (congestive) heart failure	I50.22	ICD10CM	n
45567180	Acute on chronic systolic (congestive) heart failure	I50.23	ICD10CM	n
1569180	Diastolic (congestive) heart failure	I50.3	ICD10CM	n
45601038	Unspecified diastolic (congestive) heart failure	I50.30	ICD10CM	n
45548022	Acute diastolic (congestive) heart failure	I50.31	ICD10CM	n
45533456	Chronic diastolic (congestive) heart failure	I50.32	ICD10CM	n
45562355	Acute on chronic diastolic (congestive) heart failure	I50.33	ICD10CM	n
1569181	Combined systolic (congestive) and diastolic (congestive) heart failure	I50.4	ICD10CM	n
45533457	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	I50.40	ICD10CM	n
45591469	Acute combined systolic (congestive) and diastolic (congestive) heart failure	I50.41	ICD10CM	n
45586588	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	I50.42	ICD10CM	n
45567181	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	I50.43	ICD10CM	n
35207793	Heart failure, unspecified	I50.9	ICD10CM	n
45601110	Postprocedural cardiac insufficiency following cardiac surgery	I97.110	ICD10CM	n

45567255	Postprocedural cardiac insufficiency following other surgery	I97.111	ICD10CM	n
1569425	Postprocedural heart failure	I97.13	ICD10CM	n
35210517	Neonatal cardiac failure	P29.0	ICD10CM	n
44823108	Rheumatic heart failure (congestive)	398.91	ICD9CM	n
44833557	Malignant hypertensive heart disease with heart failure	402.01	ICD9CM	n
44823110	Benign hypertensive heart disease with heart failure	402.11	ICD9CM	n
44831230	Unspecified hypertensive heart disease with heart failure	402.91	ICD9CM	n
44819692	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	404.01	ICD9CM	n
44819693	Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease	404.03	ICD9CM	n
44819695	Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	404.11	ICD9CM	n
44820856	Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease	404.13	ICD9CM	n

44819696	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified	404.91	ICD9CM	n
44824235	Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease	404.93	ICD9CM	n
44825435	Acute cor pulmonale	415.0	ICD9CM	n
44824250	Heart failure	428	ICD9CM	n
44826642	Congestive heart failure, unspecified	428.0	ICD9CM	n
44827794	Left heart failure	428.1	ICD9CM	n
44834732	Systolic heart failure	428.2	ICD9CM	n
44830086	Systolic heart failure, unspecified	428.20	ICD9CM	n
44820869	Acute systolic heart failure	428.21	ICD9CM	n
44831248	Chronic systolic heart failure	428.22	ICD9CM	n
44833573	Acute on chronic systolic heart failure	428.23	ICD9CM	n
44831249	Diastolic heart failure	428.3	ICD9CM	n
44831250	Diastolic heart failure, unspecified	428.30	ICD9CM	n
44824251	Acute diastolic heart failure	428.31	ICD9CM	n
44835943	Chronic diastolic heart failure	428.32	ICD9CM	n
44835944	Acute on chronic diastolic heart failure	428.33	ICD9CM	n
44833574	Combined systolic and diastolic heart failure	428.4	ICD9CM	n
44832381	Combined systolic and diastolic heart failure, unspecified	428.40	ICD9CM	n
44827795	Acute combined systolic and diastolic heart failure	428.41	ICD9CM	n
44820870	Chronic combined systolic and diastolic heart failure	428.42	ICD9CM	n

44823119	Acute on chronic combined systolic and diastolic heart failure	428.43	ICD9CM	n
44827796	Heart failure, unspecified	428.9	ICD9CM	n
4004279	High output heart failure	10091002	SNOMED	n
44782428	Congestive heart failure due to cardiomyopathy	101281000119107	SNOMED	n
4014159	Chronic right-sided heart failure	10335000	SNOMED	n
4023479	Acute congestive heart failure	10633002	SNOMED	n
4009047	Chronic left-sided heart failure	111283005	SNOMED	n
43021840	Systolic heart failure stage D	120851000119104	SNOMED	n
43020421	Systolic heart failure stage C	120861000119102	SNOMED	n
43021841	Diastolic heart failure stage D	120881000119106	SNOMED	n
43021842	Diastolic heart failure stage C	120891000119109	SNOMED	n
4134890	Right heart failure	128404006	SNOMED	n
4030258	Bernheim's syndrome	13839000	SNOMED	n
44782718	Acute combined systolic and diastolic heart failure	153931000119109	SNOMED	n
44782719	Chronic combined systolic and diastolic heart failure	153941000119100	SNOMED	n
44782733	Acute on chronic combined systolic and diastolic heart failure	153951000119103	SNOMED	n
36712927	Congestive heart failure stage C due to ischaemic cardiomyopathy	15629541000119106	SNOMED	n
36712928	Congestive heart failure stage B due to ischaemic cardiomyopathy	15629591000119103	SNOMED	n
36712929	Systolic heart failure stage C due to ischaemic cardiomyopathy	15629741000119102	SNOMED	n
44782728	Hypertensive heart AND chronic kidney disease with congestive heart failure	15781000119107	SNOMED	n
439698	Benign hypertensive heart disease with congestive cardiac failure	194767001	SNOMED	n

439696	Hypertensive heart and renal disease with (congestive) heart failure	194779001	SNOMED	n
439694	Hypertensive heart and renal disease with both (congestive) heart failure and renal failure	194781004	SNOMED	n
4111554	Decompensated cardiac failure	195111005	SNOMED	n
4108244	Compensated cardiac failure	195112003	SNOMED	n
4108245	Acute left ventricular failure	195114002	SNOMED	n
4071869	Congenital cardiac failure	206586007	SNOMED	n
44782713	Congestive heart failure with right heart failure	23341000119109	SNOMED	n
4124705	Heart failure as a complication of care	233924009	SNOMED	n
4103448	Low output heart failure	25544003	SNOMED	n
4172864	Neonatal cardiac failure	276514007	SNOMED	n
4079695	Sepsis-associated left ventricular failure	277638005	SNOMED	n
4079296	Sepsis-associated right ventricular failure	277639002	SNOMED	n
4199500	Refractory heart failure	314206003	SNOMED	n
4141124	Postvalvulotomy syndrome	33644002	SNOMED	n
141038	Diastolic dysfunction	3545003	SNOMED	n
4233424	Acute right-sided heart failure	359617009	SNOMED	n
4231738	Acute right heart failure	359620001	SNOMED	n
4267800	Acute left-sided heart failure	364006	SNOMED	n
4273632	Right ventricular failure	367363000	SNOMED	n
139036	Systolic dysfunction	371037005	SNOMED	n
4259490	Cardiorespiratory failure	410431009	SNOMED	n
443580	Systolic heart failure	417996009	SNOMED	n
443587	Diastolic heart failure	418304008	SNOMED	n
319835	Congestive heart failure	42343007	SNOMED	n
4311437	Decompensated chronic heart failure	424404003	SNOMED	n
4138307	Right heart failure due to pulmonary hypertension	426012001	SNOMED	n
4139864	Congestive heart failure due to left ventricular systolic dysfunction	426263006	SNOMED	n

4142561	Congestive heart failure due to valvular disease	426611007	SNOMED	n
4184497	Rheumatic left ventricular failure	43736008	SNOMED	n
4185565	Low cardiac output syndrome	44088000	SNOMED	n
40479192	Chronic systolic heart failure	441481004	SNOMED	n
40479576	Chronic diastolic heart failure	441530006	SNOMED	n
40482727	Combined systolic and diastolic dysfunction	442304009	SNOMED	n
4195785	Right heart failure secondary to left heart failure	44313006	SNOMED	n
40480602	Acute on chronic systolic heart failure	443253003	SNOMED	n
40480603	Acute systolic heart failure	443254009	SNOMED	n
40481042	Acute diastolic heart failure	443343001	SNOMED	n
40481043	Acute on chronic diastolic heart failure	443344007	SNOMED	n
40482857	Cardiorenal syndrome	445236007	SNOMED	n
40486933	Heart failure with normal ejection fraction	446221000	SNOMED	n
444101	Hypertensive heart failure	46113002	SNOMED	n
43021735	Fetal heart failure	462172006	SNOMED	n
43022054	Fetal heart failure with myocardial hypertrophy	462174007	SNOMED	n
43021736	Fetal heart failure with redistribution of cardiac output	462175008	SNOMED	n
43020657	Heart failure due to end stage congenital heart disease	471880001	SNOMED	n
444031	Chronic heart failure	48447003	SNOMED	n
312927	Acute cor pulmonale	49584005	SNOMED	n
4177493	Cardiac insufficiency due to prosthesis	5053004	SNOMED	n
314378	Hypertensive heart disease with congestive heart failure	5148006	SNOMED	n
4206009	Chronic left-sided congestive heart failure	5375005	SNOMED	n

4205558	Cardiac failure after obstetrical surgery AND/OR other procedure including delivery	55565007	SNOMED	n
442310	Acute heart failure	56675007	SNOMED	n
4264636	Cardiac insufficiency following cardiac surgery	60856006	SNOMED	n
43530961	Induced termination of pregnancy complicated by cardiac failure	609507007	SNOMED	n
4284562	Chronic right-sided congestive heart failure	66989003	SNOMED	n
43021825	Congestive heart failure stage D	67431000119105	SNOMED	n
43021826	Congestive heart failure stage C	67441000119101	SNOMED	n
44782655	Acute exacerbation of chronic congestive heart failure	698296002	SNOMED	n
44784442	Symptomatic congestive heart failure	698594003	SNOMED	n
45766164	Heart failure with reduced ejection fraction	703272007	SNOMED	n
45766165	Heart failure with reduced ejection fraction due to coronary artery disease	703273002	SNOMED	n
45766166	Heart failure with reduced ejection fraction due to myocarditis	703274008	SNOMED	n
45766167	Heart failure with reduced ejection fraction due to cardiomyopathy	703275009	SNOMED	n
45773075	Heart failure with reduced ejection fraction due to heart valve disease	703276005	SNOMED	n
45766964	Fetal heart failure due to extracardiac disease	704242009	SNOMED	n
36713488	Congestive heart failure stage B	717840005	SNOMED	n
4215802	Cardiac asthma	71892000	SNOMED	n
36716182	Acute kidney injury due to circulatory failure	722095005	SNOMED	n
36716748	Neonatal cardiac failure due to decreased left ventricular output	722919003	SNOMED	n

44784345	Congestive heart failure as early postoperative complication	72481000119103	SNOMED	n
4327205	Acute left-sided congestive heart failure	74960003	SNOMED	n
312338	Benign hypertensive heart disease with congestive heart failure	77737007	SNOMED	n
4193236	Ayerza's syndrome	78862003	SNOMED	n
4195892	Chronic cor pulmonale	79955004	SNOMED	n
4215446	Acute right-sided congestive heart failure	80479009	SNOMED	n
315295	Congestive rheumatic heart failure	82523003	SNOMED	n
316994	Malignant hypertensive heart disease with congestive heart failure	83105008	SNOMED	n
4307356	Cor pulmonale	83291003	SNOMED	n
316139	Heart failure	84114007	SNOMED	n
439846	Left heart failure	85232009	SNOMED	n
4229440	Chronic congestive heart failure	88805009	SNOMED	n
4233224	Cardiac insufficiency during AND/OR resulting from a procedure	89819002	SNOMED	n
4242669	Biventricular congestive heart failure	92506005	SNOMED	n
43022068	Exacerbation of congestive heart failure	96311000119109	SNOMED	n

Heart Failure as exclusion diagnosis: Knowledge Engineered SNOMED Mimic				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
316139	Heart failure	84114007	SNOMED	n
40482727	Combined systolic and diastolic dysfunction	442304009	SNOMED	n
443580	Systolic heart failure	417996009	SNOMED	n
40480603	Acute systolic heart failure	443254009	SNOMED	n
40481042	Acute diastolic heart failure	443343001	SNOMED	n
443587	Diastolic heart failure	418304008	SNOMED	n
319835	Congestive heart failure	42343007	SNOMED	n
40479192	Chronic systolic heart failure	441481004	SNOMED	n
44782718	Acute combined systolic and diastolic heart failure	153931000119109	SNOMED	n
44782733	Acute on chronic combined systolic and diastolic heart failure	153951000119103	SNOMED	n
40479576	Chronic diastolic heart failure	441530006	SNOMED	n
439846	Left heart failure	85232009	SNOMED	n
40481043	Acute on chronic diastolic heart failure	443344007	SNOMED	n
44782719	Chronic combined systolic and diastolic heart failure	153941000119100	SNOMED	n
40480602	Acute on chronic systolic heart failure	443253003	SNOMED	n

Heart Failure as exclusion diagnosis: Knowledge Engineered SNOMED Optimize				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
316139	Heart failure	84114007	SNOMED	y
139036	Systolic dysfunction	371037005	SNOMED	y
141038	Diastolic dysfunction	3545003	SNOMED	y

Heart Failure: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44824250	Heart failure	428	ICD9CM	n
44826642	Congestive heart failure, unspecified	428.0	ICD9CM	n
44827794	Left heart failure	428.1	ICD9CM	n
44834732	Systolic heart failure	428.2	ICD9CM	n
44830086	Systolic heart failure, unspecified	428.20	ICD9CM	n
44820869	Acute systolic heart failure	428.21	ICD9CM	n
44831248	Chronic systolic heart failure	428.22	ICD9CM	n
44833573	Acute on chronic systolic heart failure	428.23	ICD9CM	n
44831249	Diastolic heart failure	428.3	ICD9CM	n
44831250	Diastolic heart failure, unspecified	428.30	ICD9CM	n
44824251	Acute diastolic heart failure	428.31	ICD9CM	n
44835943	Chronic diastolic heart failure	428.32	ICD9CM	n
44835944	Acute on chronic diastolic heart failure	428.33	ICD9CM	n
44833574	Combined systolic and diastolic heart failure	428.4	ICD9CM	n
44832381	Combined systolic and diastolic heart failure, unspecified	428.40	ICD9CM	n
44827795	Acute combined systolic and diastolic heart failure	428.41	ICD9CM	n
44820870	Chronic combined systolic and diastolic heart failure	428.42	ICD9CM	n
44823119	Acute on chronic combined systolic and diastolic heart failure	428.43	ICD9CM	n
44827796	Heart failure, unspecified	428.9	ICD9CM	n

Heart Failure: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
45581779	Heart failure	I50	ICD10	n
45567179	Congestive heart failure	I50.0	ICD10	n
45543181	Left ventricular failure	I50.1	ICD10	n
45576879	Heart failure, unspecified	I50.9	ICD10	n
1569178	Heart failure	I50	ICD10CM	n
35207792	Left ventricular failure	I50.1	ICD10CM	n
1569179	Systolic (congestive) heart failure	I50.2	ICD10CM	n
45586587	Unspecified systolic (congestive) heart failure	I50.20	ICD10CM	n
45543182	Acute systolic (congestive) heart failure	I50.21	ICD10CM	n
45576878	Chronic systolic (congestive) heart failure	I50.22	ICD10CM	n
45567180	Acute on chronic systolic (congestive) heart failure	I50.23	ICD10CM	n
1569180	Diastolic (congestive) heart failure	I50.3	ICD10CM	n
45601038	Unspecified diastolic (congestive) heart failure	I50.30	ICD10CM	n
45548022	Acute diastolic (congestive) heart failure	I50.31	ICD10CM	n
45533456	Chronic diastolic (congestive) heart failure	I50.32	ICD10CM	n
45562355	Acute on chronic diastolic (congestive) heart failure	I50.33	ICD10CM	n
1569181	Combined systolic (congestive) and diastolic (congestive) heart failure	I50.4	ICD10CM	n
45533457	Unspecified combined systolic (congestive) and diastolic (congestive) heart failure	I50.40	ICD10CM	n
45591469	Acute combined systolic (congestive) and diastolic (congestive) heart failure	I50.41	ICD10CM	n
45586588	Chronic combined systolic (congestive) and diastolic (congestive) heart failure	I50.42	ICD10CM	n
45567181	Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure	I50.43	ICD10CM	n

35207793	Heart failure, unspecified	I50.9	ICD10CM	n
44824250	Heart failure	428	ICD9CM	n
44826642	Congestive heart failure, unspecified	428.0	ICD9CM	n
44827794	Left heart failure	428.1	ICD9CM	n
44834732	Systolic heart failure	428.2	ICD9CM	n
44830086	Systolic heart failure, unspecified	428.20	ICD9CM	n
44820869	Acute systolic heart failure	428.21	ICD9CM	n
44831248	Chronic systolic heart failure	428.22	ICD9CM	n
44833573	Acute on chronic systolic heart failure	428.23	ICD9CM	n
44831249	Diastolic heart failure	428.3	ICD9CM	n
44831250	Diastolic heart failure, unspecified	428.30	ICD9CM	n
44824251	Acute diastolic heart failure	428.31	ICD9CM	n
44835943	Chronic diastolic heart failure	428.32	ICD9CM	n
44835944	Acute on chronic diastolic heart failure	428.33	ICD9CM	n
44833574	Combined systolic and diastolic heart failure	428.4	ICD9CM	n
44832381	Combined systolic and diastolic heart failure, unspecified	428.40	ICD9CM	n
44827795	Acute combined systolic and diastolic heart failure	428.41	ICD9CM	n
44820870	Chronic combined systolic and diastolic heart failure	428.42	ICD9CM	n
44823119	Acute on chronic combined systolic and diastolic heart failure	428.43	ICD9CM	n
44827796	Heart failure, unspecified	428.9	ICD9CM	n
4023479	Acute congestive heart failure	10633002	SNOMED	n
4009047	Chronic left-sided heart failure	111283005	SNOMED	n
43021840	Systolic heart failure stage D	120851000119104	SNOMED	n
43020421	Systolic heart failure stage C	120861000119102	SNOMED	n
43021841	Diastolic heart failure stage D	120881000119106	SNOMED	n

43021842	Diastolic heart failure stage C	120891000119109	SNOMED	n
44782718	Acute combined systolic and diastolic heart failure	153931000119109	SNOMED	n
44782719	Chronic combined systolic and diastolic heart failure	153941000119100	SNOMED	n
44782733	Acute on chronic combined systolic and diastolic heart failure	153951000119103	SNOMED	n
4111554	Decompensated cardiac failure	195111005	SNOMED	n
4108244	Compensated cardiac failure	195112003	SNOMED	n
4108245	Acute left ventricular failure	195114002	SNOMED	n
44782713	Congestive heart failure with right heart failure	23341000119109	SNOMED	n
4199500	Refractory heart failure	314206003	SNOMED	n
4267800	Acute left-sided heart failure	364006	SNOMED	n
443580	Systolic heart failure	417996009	SNOMED	n
443587	Diastolic heart failure	418304008	SNOMED	n
319835	Congestive heart failure	42343007	SNOMED	n
4311437	Decompensated chronic heart failure	424404003	SNOMED	n
4139864	Congestive heart failure due to left ventricular systolic dysfunction	426263006	SNOMED	n
40479192	Chronic systolic heart failure	441481004	SNOMED	n
40479576	Chronic diastolic heart failure	441530006	SNOMED	n
40482727	Combined systolic and diastolic dysfunction	442304009	SNOMED	n
40480602	Acute on chronic systolic heart failure	443253003	SNOMED	n
40480603	Acute systolic heart failure	443254009	SNOMED	n
40481042	Acute diastolic heart failure	443343001	SNOMED	n
40481043	Acute on chronic diastolic heart failure	443344007	SNOMED	n
444031	Chronic heart failure	48447003	SNOMED	n
4206009	Chronic left-sided congestive heart failure	5375005	SNOMED	n
442310	Acute heart failure	56675007	SNOMED	n

43021825	Congestive heart failure stage D	67431000119105	SNOMED	n
43021826	Congestive heart failure stage C	67441000119101	SNOMED	n
44782655	Acute exacerbation of chronic congestive heart failure	698296002	SNOMED	n
44784442	Symptomatic congestive heart failure	698594003	SNOMED	n
45766164	Heart failure with reduced ejection fraction	703272007	SNOMED	n
36713488	Congestive heart failure stage B	717840005	SNOMED	n
4327205	Acute left-sided congestive heart failure	74960003	SNOMED	n
316139	Heart failure	84114007	SNOMED	n
439846	Left heart failure	85232009	SNOMED	n
4229440	Chronic congestive heart failure	88805009	SNOMED	n
4242669	Biventricular congestive heart failure	92506005	SNOMED	n
43022068	Exacerbation of congestive heart failure	96311000119109	SNOMED	n

Heart Failure: Knowledge Engineered SNOMED Mimic				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
316139	Heart failure	84114007	SNOMED	n
40482727	Combined systolic and diastolic dysfunction	442304009	SNOMED	n
443580	Systolic heart failure	417996009	SNOMED	n
40480603	Acute systolic heart failure	443254009	SNOMED	n
40481042	Acute diastolic heart failure	443343001	SNOMED	n
443587	Diastolic heart failure	418304008	SNOMED	n
319835	Congestive heart failure	42343007	SNOMED	n
40479192	Chronic systolic heart failure	441481004	SNOMED	n
44782718	Acute combined systolic and diastolic heart failure	153931000119109	SNOMED	n
44782733	Acute on chronic combined systolic and diastolic heart failure	153951000119103	SNOMED	n
40479576	Chronic diastolic heart failure	441530006	SNOMED	n
439846	Left heart failure	85232009	SNOMED	n
40481043	Acute on chronic diastolic heart failure	443344007	SNOMED	n
44782719	Chronic combined systolic and diastolic heart failure	153941000119100	SNOMED	n
40480602	Acute on chronic systolic heart failure	443253003	SNOMED	n

Heart Failure: Knowledge Engineered SNOMED Optimize				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
316139	Heart failure	84114007	SNOMED	n
319835	Congestive heart failure	42343007	SNOMED	n
439846	Left heart failure	85232009	SNOMED	n
443580	Systolic heart failure	417996009	SNOMED	y
443587	Diastolic heart failure	418304008	SNOMED	y
444031	Chronic heart failure	48447003	SNOMED	n
4009047	Chronic left-sided heart failure	111283005	SNOMED	y
4023479	Acute congestive heart failure	10633002	SNOMED	n
4103448	Low output heart failure	25544003	SNOMED	y
4108244	Compensated cardiac failure	195112003	SNOMED	y
4108245	Acute left ventricular failure	195114002	SNOMED	y
4111554	Decompensated cardiac failure	195111005	SNOMED	y
4139864	Congestive heart failure due to left ventricular systolic dysfunction	426263006	SNOMED	y
4199500	Refractory heart failure	314206003	SNOMED	y
4206009	Chronic left-sided congestive heart failure	5375005	SNOMED	y
4242669	Biventricular congestive heart failure	92506005	SNOMED	y
4267800	Acute left-sided heart failure	364006	SNOMED	y
4311437	Decompensated chronic heart failure	424404003	SNOMED	y
4327205	Acute left-sided congestive heart failure	74960003	SNOMED	y
40479192	Chronic systolic heart failure	441481004	SNOMED	y
40479576	Chronic diastolic heart failure	441530006	SNOMED	y
40480603	Acute systolic heart failure	443254009	SNOMED	y
40481042	Acute diastolic heart failure	443343001	SNOMED	y
40482727	Combined systolic and diastolic dysfunction	442304009	SNOMED	y
40486933	Heart failure with normal ejection fraction	446221000	SNOMED	y
43022068	Exacerbation of congestive heart failure	96311000119109	SNOMED	y

44782655	Acute exacerbation of chronic congestive heart failure	698296002	SNOMED	y
44784442	Symptomatic congestive heart failure	698594003	SNOMED	y
45766164	Heart failure with reduced ejection fraction	703272007	SNOMED	y

Rheumatoid Arthritis: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44825676	Rheumatoid arthritis and other inflammatory polyarthropathies	714	ICD9CM	n
44831487	Rheumatoid arthritis	714.0	ICD9CM	n
44821123	Felty's syndrome	714.1	ICD9CM	n
44836170	Other rheumatoid arthritis with visceral or systemic involvement	714.2	ICD9CM	n

Rheumatoid Arthritis: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
37108590	Rheumatoid arthritis of left knee	1073731000119100	SNOMED	n
37108591	Rheumatoid arthritis of right knee	1073811000119102	SNOMED	n
37108714	Seropositive rheumatoid arthritis of multiple joints	11055151000119108	SNOMED	n
4030552	Rheumatic joint disease	14175009	SNOMED	n
37117421	Rheumatoid arthritis in remission	143441000119108	SNOMED	n
4102493	Polyneuropathy in rheumatoid arthritis	193180002	SNOMED	n
4107913	Myopathy due to rheumatoid arthritis	193250002	SNOMED	n
4116439	Rheumatoid arthritis of cervical spine	201764007	SNOMED	n
4114439	Rheumatoid arthritis of shoulder	201766009	SNOMED	n
4116148	Rheumatoid arthritis of sternoclavicular joint	201767000	SNOMED	n
4116149	Rheumatoid arthritis of acromioclavicular joint	201768005	SNOMED	n
4116440	Rheumatoid arthritis of elbow	201769002	SNOMED	n
4115050	Rheumatoid arthritis of distal radioulnar joint	201770001	SNOMED	n
4116441	Rheumatoid arthritis of wrist	201771002	SNOMED	n
4116442	Rheumatoid arthritis of metacarpophalangeal joint	201772009	SNOMED	n
4116443	Rheumatoid arthritis of proximal interphalangeal joint of finger	201773004	SNOMED	n
4114440	Rheumatoid arthritis of distal interphalangeal joint of finger	201774005	SNOMED	n
4116150	Rheumatoid arthritis of hip	201775006	SNOMED	n
4116444	Rheumatoid arthritis of sacroiliac joint	201776007	SNOMED	n
4116151	Rheumatoid arthritis of knee	201777003	SNOMED	n
4115051	Rheumatoid arthritis of tibiofibular joint	201778008	SNOMED	n
4116445	Rheumatoid arthritis of ankle	201779000	SNOMED	n

4116446	Rheumatoid arthritis of subtalar joint	201780002	SNOMED	n
4116152	Rheumatoid arthritis of talonavicular joint	201781003	SNOMED	n
4114441	Rheumatoid arthritis of first metatarsophalangeal joint	201783000	SNOMED	n
4116153	Rheumatoid arthritis of lesser metatarsophalangeal joint	201784006	SNOMED	n
4114442	Rheumatoid arthritis of interphalangeal joint of toe	201785007	SNOMED	n
4114443	Rheumatoid bursitis	201788009	SNOMED	n
4114444	Flare of rheumatoid arthritis	201791009	SNOMED	n
4035611	Seropositive rheumatoid arthritis	239791005	SNOMED	n
4083556	Seronegative rheumatoid arthritis	239792003	SNOMED	n
78230	Rheumatoid arthritis with organ / system involvement	239793008	SNOMED	n
4035427	Rheumatoid arthritis with multisystem involvement	239795001	SNOMED	n
4343936	Nailfold rheumatoid vasculitis	239941000	SNOMED	n
4344494	Systemic rheumatoid vasculitis	239942007	SNOMED	n
4347065	Necrotizing rheumatoid vasculitis	239943002	SNOMED	n
4117686	Rheumatoid arthritis of multiple joints	287006005	SNOMED	n
4115161	Rheumatoid arthritis - hand joint	287007001	SNOMED	n
4117687	Rheumatoid arthritis - ankle and/or foot	287008006	SNOMED	n
4103516	Rheumatoid carditis	28880005	SNOMED	n
4147418	Seropositive erosive rheumatoid arthritis	308143008	SNOMED	n
37395590	Rheumatoid lung disease with rheumatoid arthritis	319841000119107	SNOMED	n
4142899	Subcutaneous rheumatoid nodule	33719002	SNOMED	n
4162539	Rheumatoid pneumoconiosis	398640008	SNOMED	n
4269880	Rheumatoid arteritis	399923009	SNOMED	n

4271003	Rheumatoid vasculitis	400054000	SNOMED	n
4270869	Rheumatoid nodulosis	402426007	SNOMED	n
4292371	Accelerated rheumatoid nodulosis	402427003	SNOMED	n
4297649	Accelerated rheumatoid nodulosis due to methotrexate	402428008	SNOMED	n
4299307	Rheumatoid linear subcutaneous bands	402429000	SNOMED	n
4297651	Nailfold/finger-pulp infarcts in rheumatoid disease	402433007	SNOMED	n
4179536	Rheumatoid arthritis of temporomandibular joint	427770001	SNOMED	n
4179378	Rheumatoid arthritis of foot	429192004	SNOMED	n
4179528	Rheumatic arthritis of temporomandibular joint	429422002	SNOMED	n
4200987	Extra-articular rheumatoid process	52661003	SNOMED	n
81097	Felty's syndrome	57160007	SNOMED	n
4243205	Subacute rheumatic arthritis	58769002	SNOMED	n
80809	Rheumatoid arthritis	69896004	SNOMED	n
4216531	Acute rheumatic arthritis	81077008	SNOMED	n
4311391	Uveitis-rheumatoid arthritis syndrome	86219005	SNOMED	n
44825676	Rheumatoid arthritis and other inflammatory polyarthropathies	714	ICD9CM	n
44831487	Rheumatoid arthritis	714.0	ICD9CM	n
44821123	Felty's syndrome	714.1	ICD9CM	n
44836170	Other rheumatoid arthritis with visceral or systemic involvement	714.2	ICD9CM	n
1569966	Rheumatoid arthritis with rheumatoid factor	M05	ICD10CM	n
1569967	Felty's syndrome	M05.0	ICD10CM	n
45586833	Felty's syndrome, unspecified site	M05.00	ICD10CM	n
1569968	Felty's syndrome, shoulder	M05.01	ICD10CM	n
45606039	Felty's syndrome, right shoulder	M05.011	ICD10CM	n
45533689	Felty's syndrome, left shoulder	M05.012	ICD10CM	n

45567403	Felty's syndrome, unspecified shoulder	M05.019	ICD10CM	n
1569969	Felty's syndrome, elbow	M05.02	ICD10CM	n
45557752	Felty's syndrome, right elbow	M05.021	ICD10CM	n
45562581	Felty's syndrome, left elbow	M05.022	ICD10CM	n
45548248	Felty's syndrome, unspecified elbow	M05.029	ICD10CM	n
1569970	Felty's syndrome, wrist	M05.03	ICD10CM	n
45582002	Felty's syndrome, right wrist	M05.031	ICD10CM	n
45567404	Felty's syndrome, left wrist	M05.032	ICD10CM	n
45538622	Felty's syndrome, unspecified wrist	M05.039	ICD10CM	n
1569971	Felty's syndrome, hand	M05.04	ICD10CM	n
45548249	Felty's syndrome, right hand	M05.041	ICD10CM	n
45548250	Felty's syndrome, left hand	M05.042	ICD10CM	n
45567405	Felty's syndrome, unspecified hand	M05.049	ICD10CM	n
1569972	Felty's syndrome, hip	M05.05	ICD10CM	n
45591685	Felty's syndrome, right hip	M05.051	ICD10CM	n
45577090	Felty's syndrome, left hip	M05.052	ICD10CM	n
45543428	Felty's syndrome, unspecified hip	M05.059	ICD10CM	n
1569973	Felty's syndrome, knee	M05.06	ICD10CM	n
45548251	Felty's syndrome, right knee	M05.061	ICD10CM	n
45572326	Felty's syndrome, left knee	M05.062	ICD10CM	n
45577091	Felty's syndrome, unspecified knee	M05.069	ICD10CM	n
1569974	Felty's syndrome, ankle and foot	M05.07	ICD10CM	n
45533690	Felty's syndrome, right ankle and foot	M05.071	ICD10CM	n
45548252	Felty's syndrome, left ankle and foot	M05.072	ICD10CM	n
45553036	Felty's syndrome, unspecified ankle and foot	M05.079	ICD10CM	n
45577092	Felty's syndrome, multiple sites	M05.09	ICD10CM	n
1569975	Rheumatoid lung disease with rheumatoid arthritis	M05.1	ICD10CM	n

45591686	Rheumatoid lung disease with rheumatoid arthritis of unspecified site	M05.10	ICD10CM	n
1569976	Rheumatoid lung disease with rheumatoid arthritis of shoulder	M05.11	ICD10CM	n
45586834	Rheumatoid lung disease with rheumatoid arthritis of right shoulder	M05.111	ICD10CM	n
45591687	Rheumatoid lung disease with rheumatoid arthritis of left shoulder	M05.112	ICD10CM	n
45582003	Rheumatoid lung disease with rheumatoid arthritis of unspecified shoulder	M05.119	ICD10CM	n
1569977	Rheumatoid lung disease with rheumatoid arthritis of elbow	M05.12	ICD10CM	n
45562582	Rheumatoid lung disease with rheumatoid arthritis of right elbow	M05.121	ICD10CM	n
45582004	Rheumatoid lung disease with rheumatoid arthritis of left elbow	M05.122	ICD10CM	n
45543429	Rheumatoid lung disease with rheumatoid arthritis of unspecified elbow	M05.129	ICD10CM	n
1569978	Rheumatoid lung disease with rheumatoid arthritis of wrist	M05.13	ICD10CM	n
45543430	Rheumatoid lung disease with rheumatoid arthritis of right wrist	M05.131	ICD10CM	n
45582005	Rheumatoid lung disease with rheumatoid arthritis of left wrist	M05.132	ICD10CM	n
45567406	Rheumatoid lung disease with rheumatoid arthritis of unspecified wrist	M05.139	ICD10CM	n
1569979	Rheumatoid lung disease with rheumatoid arthritis of hand	M05.14	ICD10CM	n
45591688	Rheumatoid lung disease with rheumatoid arthritis of right hand	M05.141	ICD10CM	n

45577093	Rheumatoid lung disease with rheumatoid arthritis of left hand	M05.142	ICD10CM	n
45577094	Rheumatoid lung disease with rheumatoid arthritis of unspecified hand	M05.149	ICD10CM	n
1569980	Rheumatoid lung disease with rheumatoid arthritis of hip	M05.15	ICD10CM	n
45548253	Rheumatoid lung disease with rheumatoid arthritis of right hip	M05.151	ICD10CM	n
45548254	Rheumatoid lung disease with rheumatoid arthritis of left hip	M05.152	ICD10CM	n
45538623	Rheumatoid lung disease with rheumatoid arthritis of unspecified hip	M05.159	ICD10CM	n
1569981	Rheumatoid lung disease with rheumatoid arthritis of knee	M05.16	ICD10CM	n
45577095	Rheumatoid lung disease with rheumatoid arthritis of right knee	M05.161	ICD10CM	n
45553037	Rheumatoid lung disease with rheumatoid arthritis of left knee	M05.162	ICD10CM	n
45567407	Rheumatoid lung disease with rheumatoid arthritis of unspecified knee	M05.169	ICD10CM	n
1569982	Rheumatoid lung disease with rheumatoid arthritis of ankle and foot	M05.17	ICD10CM	n
45601274	Rheumatoid lung disease with rheumatoid arthritis of right ankle and foot	M05.171	ICD10CM	n
45582006	Rheumatoid lung disease with rheumatoid arthritis of left ankle and foot	M05.172	ICD10CM	n
45606040	Rheumatoid lung disease with rheumatoid arthritis of unspecified ankle and foot	M05.179	ICD10CM	n
45557754	Rheumatoid lung disease with rheumatoid arthritis of multiple sites	M05.19	ICD10CM	n

1569983	Rheumatoid vasculitis with rheumatoid arthritis	M05.2	ICD10CM	n
45572327	Rheumatoid vasculitis with rheumatoid arthritis of unspecified site	M05.20	ICD10CM	n
1569984	Rheumatoid vasculitis with rheumatoid arthritis of shoulder	M05.21	ICD10CM	n
45601275	Rheumatoid vasculitis with rheumatoid arthritis of right shoulder	M05.211	ICD10CM	n
45553038	Rheumatoid vasculitis with rheumatoid arthritis of left shoulder	M05.212	ICD10CM	n
45606041	Rheumatoid vasculitis with rheumatoid arthritis of unspecified shoulder	M05.219	ICD10CM	n
1569985	Rheumatoid vasculitis with rheumatoid arthritis of elbow	M05.22	ICD10CM	n
45596425	Rheumatoid vasculitis with rheumatoid arthritis of right elbow	M05.221	ICD10CM	n
45586835	Rheumatoid vasculitis with rheumatoid arthritis of left elbow	M05.222	ICD10CM	n
45591689	Rheumatoid vasculitis with rheumatoid arthritis of unspecified elbow	M05.229	ICD10CM	n
1569986	Rheumatoid vasculitis with rheumatoid arthritis of wrist	M05.23	ICD10CM	n
45543431	Rheumatoid vasculitis with rheumatoid arthritis of right wrist	M05.231	ICD10CM	n
45562584	Rheumatoid vasculitis with rheumatoid arthritis of left wrist	M05.232	ICD10CM	n
45606042	Rheumatoid vasculitis with rheumatoid arthritis of unspecified wrist	M05.239	ICD10CM	n
1569987	Rheumatoid vasculitis with rheumatoid arthritis of hand	M05.24	ICD10CM	n

45596426	Rheumatoid vasculitis with rheumatoid arthritis of right hand	M05.241	ICD10CM	n
45606043	Rheumatoid vasculitis with rheumatoid arthritis of left hand	M05.242	ICD10CM	n
45538624	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hand	M05.249	ICD10CM	n
1569988	Rheumatoid vasculitis with rheumatoid arthritis of hip	M05.25	ICD10CM	n
45577096	Rheumatoid vasculitis with rheumatoid arthritis of right hip	M05.251	ICD10CM	n
45533691	Rheumatoid vasculitis with rheumatoid arthritis of left hip	M05.252	ICD10CM	n
45596427	Rheumatoid vasculitis with rheumatoid arthritis of unspecified hip	M05.259	ICD10CM	n
1569989	Rheumatoid vasculitis with rheumatoid arthritis of knee	M05.26	ICD10CM	n
45572328	Rheumatoid vasculitis with rheumatoid arthritis of right knee	M05.261	ICD10CM	n
45567408	Rheumatoid vasculitis with rheumatoid arthritis of left knee	M05.262	ICD10CM	n
45591690	Rheumatoid vasculitis with rheumatoid arthritis of unspecified knee	M05.269	ICD10CM	n
1569990	Rheumatoid vasculitis with rheumatoid arthritis of ankle and foot	M05.27	ICD10CM	n
45591691	Rheumatoid vasculitis with rheumatoid arthritis of right ankle and foot	M05.271	ICD10CM	n
45538625	Rheumatoid vasculitis with rheumatoid arthritis of left ankle and foot	M05.272	ICD10CM	n
45538626	Rheumatoid vasculitis with rheumatoid arthritis of unspecified ankle and foot	M05.279	ICD10CM	n

45596428	Rheumatoid vasculitis with rheumatoid arthritis of multiple sites	M05.29	ICD10CM	n
1569991	Rheumatoid heart disease with rheumatoid arthritis	M05.3	ICD10CM	n
45586836	Rheumatoid heart disease with rheumatoid arthritis of unspecified site	M05.30	ICD10CM	n
1569992	Rheumatoid heart disease with rheumatoid arthritis of shoulder	M05.31	ICD10CM	n
45562585	Rheumatoid heart disease with rheumatoid arthritis of right shoulder	M05.311	ICD10CM	n
45567409	Rheumatoid heart disease with rheumatoid arthritis of left shoulder	M05.312	ICD10CM	n
45557755	Rheumatoid heart disease with rheumatoid arthritis of unspecified shoulder	M05.319	ICD10CM	n
1569993	Rheumatoid heart disease with rheumatoid arthritis of elbow	M05.32	ICD10CM	n
45553039	Rheumatoid heart disease with rheumatoid arthritis of right elbow	M05.321	ICD10CM	n
45553040	Rheumatoid heart disease with rheumatoid arthritis of left elbow	M05.322	ICD10CM	n
45533692	Rheumatoid heart disease with rheumatoid arthritis of unspecified elbow	M05.329	ICD10CM	n
1569994	Rheumatoid heart disease with rheumatoid arthritis of wrist	M05.33	ICD10CM	n
45562586	Rheumatoid heart disease with rheumatoid arthritis of right wrist	M05.331	ICD10CM	n
45572329	Rheumatoid heart disease with rheumatoid arthritis of left wrist	M05.332	ICD10CM	n
45582007	Rheumatoid heart disease with rheumatoid arthritis of unspecified wrist	M05.339	ICD10CM	n

1569995	Rheumatoid heart disease with rheumatoid arthritis of hand	M05.34	ICD10CM	n
45582008	Rheumatoid heart disease with rheumatoid arthritis of right hand	M05.341	ICD10CM	n
45562587	Rheumatoid heart disease with rheumatoid arthritis of left hand	M05.342	ICD10CM	n
45601276	Rheumatoid heart disease with rheumatoid arthritis of unspecified hand	M05.349	ICD10CM	n
1569996	Rheumatoid heart disease with rheumatoid arthritis of hip	M05.35	ICD10CM	n
45538627	Rheumatoid heart disease with rheumatoid arthritis of right hip	M05.351	ICD10CM	n
45557756	Rheumatoid heart disease with rheumatoid arthritis of left hip	M05.352	ICD10CM	n
45548255	Rheumatoid heart disease with rheumatoid arthritis of unspecified hip	M05.359	ICD10CM	n
1569997	Rheumatoid heart disease with rheumatoid arthritis of knee	M05.36	ICD10CM	n
45572330	Rheumatoid heart disease with rheumatoid arthritis of right knee	M05.361	ICD10CM	n
45562588	Rheumatoid heart disease with rheumatoid arthritis of left knee	M05.362	ICD10CM	n
45567410	Rheumatoid heart disease with rheumatoid arthritis of unspecified knee	M05.369	ICD10CM	n
1569998	Rheumatoid heart disease with rheumatoid arthritis of ankle and foot	M05.37	ICD10CM	n
45572331	Rheumatoid heart disease with rheumatoid arthritis of right ankle and foot	M05.371	ICD10CM	n
45586837	Rheumatoid heart disease with rheumatoid arthritis of left ankle and foot	M05.372	ICD10CM	n

45557757	Rheumatoid heart disease with rheumatoid arthritis of unspecified ankle and foot	M05.379	ICD10CM	n
45577098	Rheumatoid heart disease with rheumatoid arthritis of multiple sites	M05.39	ICD10CM	n
1569999	Rheumatoid myopathy with rheumatoid arthritis	M05.4	ICD10CM	n
45572332	Rheumatoid myopathy with rheumatoid arthritis of unspecified site	M05.40	ICD10CM	n
1570000	Rheumatoid myopathy with rheumatoid arthritis of shoulder	M05.41	ICD10CM	n
45596429	Rheumatoid myopathy with rheumatoid arthritis of right shoulder	M05.411	ICD10CM	n
45596430	Rheumatoid myopathy with rheumatoid arthritis of left shoulder	M05.412	ICD10CM	n
45596431	Rheumatoid myopathy with rheumatoid arthritis of unspecified shoulder	M05.419	ICD10CM	n
1570001	Rheumatoid myopathy with rheumatoid arthritis of elbow	M05.42	ICD10CM	n
45562589	Rheumatoid myopathy with rheumatoid arthritis of right elbow	M05.421	ICD10CM	n
45606044	Rheumatoid myopathy with rheumatoid arthritis of left elbow	M05.422	ICD10CM	n
45557758	Rheumatoid myopathy with rheumatoid arthritis of unspecified elbow	M05.429	ICD10CM	n
1570002	Rheumatoid myopathy with rheumatoid arthritis of wrist	M05.43	ICD10CM	n
45567411	Rheumatoid myopathy with rheumatoid arthritis of right wrist	M05.431	ICD10CM	n
45582009	Rheumatoid myopathy with rheumatoid arthritis of left wrist	M05.432	ICD10CM	n

45577099	Rheumatoid myopathy with rheumatoid arthritis of unspecified wrist	M05.439	ICD10CM	n
1570003	Rheumatoid myopathy with rheumatoid arthritis of hand	M05.44	ICD10CM	n
45533693	Rheumatoid myopathy with rheumatoid arthritis of right hand	M05.441	ICD10CM	n
45596432	Rheumatoid myopathy with rheumatoid arthritis of left hand	M05.442	ICD10CM	n
45606045	Rheumatoid myopathy with rheumatoid arthritis of unspecified hand	M05.449	ICD10CM	n
1570004	Rheumatoid myopathy with rheumatoid arthritis of hip	M05.45	ICD10CM	n
45543432	Rheumatoid myopathy with rheumatoid arthritis of right hip	M05.451	ICD10CM	n
45572333	Rheumatoid myopathy with rheumatoid arthritis of left hip	M05.452	ICD10CM	n
45548256	Rheumatoid myopathy with rheumatoid arthritis of unspecified hip	M05.459	ICD10CM	n
1570005	Rheumatoid myopathy with rheumatoid arthritis of knee	M05.46	ICD10CM	n
45567412	Rheumatoid myopathy with rheumatoid arthritis of right knee	M05.461	ICD10CM	n
45533694	Rheumatoid myopathy with rheumatoid arthritis of left knee	M05.462	ICD10CM	n
45591692	Rheumatoid myopathy with rheumatoid arthritis of unspecified knee	M05.469	ICD10CM	n
1570006	Rheumatoid myopathy with rheumatoid arthritis of ankle and foot	M05.47	ICD10CM	n
45557759	Rheumatoid myopathy with rheumatoid arthritis of right ankle and foot	M05.471	ICD10CM	n

45538628	Rheumatoid myopathy with rheumatoid arthritis of left ankle and foot	M05.472	ICD10CM	n
45572334	Rheumatoid myopathy with rheumatoid arthritis of unspecified ankle and foot	M05.479	ICD10CM	n
45577100	Rheumatoid myopathy with rheumatoid arthritis of multiple sites	M05.49	ICD10CM	n
1570007	Rheumatoid polyneuropathy with rheumatoid arthritis	M05.5	ICD10CM	n
45567413	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified site	M05.50	ICD10CM	n
1570008	Rheumatoid polyneuropathy with rheumatoid arthritis of shoulder	M05.51	ICD10CM	n
45538629	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder	M05.511	ICD10CM	n
45606046	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder	M05.512	ICD10CM	n
45596433	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified shoulder	M05.519	ICD10CM	n
1570009	Rheumatoid polyneuropathy with rheumatoid arthritis of elbow	M05.52	ICD10CM	n
45567414	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow	M05.521	ICD10CM	n
45533695	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow	M05.522	ICD10CM	n

45596434	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified elbow	M05.529	ICD10CM	n
1570010	Rheumatoid polyneuropathy with rheumatoid arthritis of wrist	M05.53	ICD10CM	n
45548257	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist	M05.531	ICD10CM	n
45591693	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist	M05.532	ICD10CM	n
45538630	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified wrist	M05.539	ICD10CM	n
1570011	Rheumatoid polyneuropathy with rheumatoid arthritis of hand	M05.54	ICD10CM	n
45591694	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand	M05.541	ICD10CM	n
45538631	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand	M05.542	ICD10CM	n
45543433	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hand	M05.549	ICD10CM	n
1570012	Rheumatoid polyneuropathy with rheumatoid arthritis of hip	M05.55	ICD10CM	n
45591695	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip	M05.551	ICD10CM	n

45582010	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip	M05.552	ICD10CM	n
45582011	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified hip	M05.559	ICD10CM	n
1570013	Rheumatoid polyneuropathy with rheumatoid arthritis of knee	M05.56	ICD10CM	n
45548258	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee	M05.561	ICD10CM	n
45582012	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee	M05.562	ICD10CM	n
45562590	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified knee	M05.569	ICD10CM	n
1570014	Rheumatoid polyneuropathy with rheumatoid arthritis of ankle and foot	M05.57	ICD10CM	n
45538632	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot	M05.571	ICD10CM	n
45582013	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot	M05.572	ICD10CM	n
45553041	Rheumatoid polyneuropathy with rheumatoid arthritis of unspecified ankle and foot	M05.579	ICD10CM	n
45567415	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites	M05.59	ICD10CM	n

1570015	Rheumatoid arthritis with involvement of other organs and systems	M05.6	ICD10CM	n
45548259	Rheumatoid arthritis of unspecified site with involvement of other organs and systems	M05.60	ICD10CM	n
1570016	Rheumatoid arthritis of shoulder with involvement of other organs and systems	M05.61	ICD10CM	n
45596435	Rheumatoid arthritis of right shoulder with involvement of other organs and systems	M05.611	ICD10CM	n
45577101	Rheumatoid arthritis of left shoulder with involvement of other organs and systems	M05.612	ICD10CM	n
45553042	Rheumatoid arthritis of unspecified shoulder with involvement of other organs and systems	M05.619	ICD10CM	n
1570017	Rheumatoid arthritis of elbow with involvement of other organs and systems	M05.62	ICD10CM	n
45601277	Rheumatoid arthritis of right elbow with involvement of other organs and systems	M05.621	ICD10CM	n
45591696	Rheumatoid arthritis of left elbow with involvement of other organs and systems	M05.622	ICD10CM	n
45591697	Rheumatoid arthritis of unspecified elbow with involvement of other organs and systems	M05.629	ICD10CM	n
1570018	Rheumatoid arthritis of wrist with involvement of other organs and systems	M05.63	ICD10CM	n
45577102	Rheumatoid arthritis of right wrist with involvement of other organs and systems	M05.631	ICD10CM	n

45601278	Rheumatoid arthritis of left wrist with involvement of other organs and systems	M05.632	ICD10CM	n
45557760	Rheumatoid arthritis of unspecified wrist with involvement of other organs and systems	M05.639	ICD10CM	n
1570019	Rheumatoid arthritis of hand with involvement of other organs and systems	M05.64	ICD10CM	n
45591698	Rheumatoid arthritis of right hand with involvement of other organs and systems	M05.641	ICD10CM	n
45572335	Rheumatoid arthritis of left hand with involvement of other organs and systems	M05.642	ICD10CM	n
45572336	Rheumatoid arthritis of unspecified hand with involvement of other organs and systems	M05.649	ICD10CM	n
1570020	Rheumatoid arthritis of hip with involvement of other organs and systems	M05.65	ICD10CM	n
45548260	Rheumatoid arthritis of right hip with involvement of other organs and systems	M05.651	ICD10CM	n
45533696	Rheumatoid arthritis of left hip with involvement of other organs and systems	M05.652	ICD10CM	n
45567416	Rheumatoid arthritis of unspecified hip with involvement of other organs and systems	M05.659	ICD10CM	n
1570021	Rheumatoid arthritis of knee with involvement of other organs and systems	M05.66	ICD10CM	n
45606047	Rheumatoid arthritis of right knee with involvement of other organs and systems	M05.661	ICD10CM	n
45591699	Rheumatoid arthritis of left knee with involvement of other organs and systems	M05.662	ICD10CM	n

45606048	Rheumatoid arthritis of unspecified knee with involvement of other organs and systems	M05.669	ICD10CM	n
1570022	Rheumatoid arthritis of ankle and foot with involvement of other organs and systems	M05.67	ICD10CM	n
45553043	Rheumatoid arthritis of right ankle and foot with involvement of other organs and systems	M05.671	ICD10CM	n
45606049	Rheumatoid arthritis of left ankle and foot with involvement of other organs and systems	M05.672	ICD10CM	n
45601279	Rheumatoid arthritis of unspecified ankle and foot with involvement of other organs and systems	M05.679	ICD10CM	n
45567417	Rheumatoid arthritis of multiple sites with involvement of other organs and systems	M05.69	ICD10CM	n
1570023	Rheumatoid arthritis with rheumatoid factor without organ or systems involvement	M05.7	ICD10CM	n
45543434	Rheumatoid arthritis with rheumatoid factor of unspecified site without organ or systems involvement	M05.70	ICD10CM	n
1570024	Rheumatoid arthritis with rheumatoid factor of shoulder without organ or systems involvement	M05.71	ICD10CM	n
45596436	Rheumatoid arthritis with rheumatoid factor of right shoulder without organ or systems involvement	M05.711	ICD10CM	n
45543435	Rheumatoid arthritis with rheumatoid factor of left shoulder without organ or systems involvement	M05.712	ICD10CM	n

45567418	Rheumatoid arthritis with rheumatoid factor of unspecified shoulder without organ or systems involvement	M05.719	ICD10CM	n
1570025	Rheumatoid arthritis with rheumatoid factor of elbow without organ or systems involvement	M05.72	ICD10CM	n
45548261	Rheumatoid arthritis with rheumatoid factor of right elbow without organ or systems involvement	M05.721	ICD10CM	n
45572337	Rheumatoid arthritis with rheumatoid factor of left elbow without organ or systems involvement	M05.722	ICD10CM	n
45562591	Rheumatoid arthritis with rheumatoid factor of unspecified elbow without organ or systems involvement	M05.729	ICD10CM	n
1570026	Rheumatoid arthritis with rheumatoid factor of wrist without organ or systems involvement	M05.73	ICD10CM	n
45606050	Rheumatoid arthritis with rheumatoid factor of right wrist without organ or systems involvement	M05.731	ICD10CM	n
45582014	Rheumatoid arthritis with rheumatoid factor of left wrist without organ or systems involvement	M05.732	ICD10CM	n
45553044	Rheumatoid arthritis with rheumatoid factor of unspecified wrist without organ or systems involvement	M05.739	ICD10CM	n
1570027	Rheumatoid arthritis with rheumatoid factor of hand without organ or systems involvement	M05.74	ICD10CM	n

45606051	Rheumatoid arthritis with rheumatoid factor of right hand without organ or systems involvement	M05.741	ICD10CM	n
45596437	Rheumatoid arthritis with rheumatoid factor of left hand without organ or systems involvement	M05.742	ICD10CM	n
45582015	Rheumatoid arthritis with rheumatoid factor of unspecified hand without organ or systems involvement	M05.749	ICD10CM	n
1570028	Rheumatoid arthritis with rheumatoid factor of hip without organ or systems involvement	M05.75	ICD10CM	n
45572338	Rheumatoid arthritis with rheumatoid factor of right hip without organ or systems involvement	M05.751	ICD10CM	n
45538633	Rheumatoid arthritis with rheumatoid factor of left hip without organ or systems involvement	M05.752	ICD10CM	n
45567419	Rheumatoid arthritis with rheumatoid factor of unspecified hip without organ or systems involvement	M05.759	ICD10CM	n
1570029	Rheumatoid arthritis with rheumatoid factor of knee without organ or systems involvement	M05.76	ICD10CM	n
45548262	Rheumatoid arthritis with rheumatoid factor of right knee without organ or systems involvement	M05.761	ICD10CM	n
45548263	Rheumatoid arthritis with rheumatoid factor of left knee without organ or systems involvement	M05.762	ICD10CM	n

45533697	Rheumatoid arthritis with rheumatoid factor of unspecified knee without organ or systems involvement	M05.769	ICD10CM	n
1570030	Rheumatoid arthritis with rheumatoid factor of ankle and foot without organ or systems involvement	M05.77	ICD10CM	n
45596438	Rheumatoid arthritis with rheumatoid factor of right ankle and foot without organ or systems involvement	M05.771	ICD10CM	n
45591700	Rheumatoid arthritis with rheumatoid factor of left ankle and foot without organ or systems involvement	M05.772	ICD10CM	n
45596439	Rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot without organ or systems involvement	M05.779	ICD10CM	n
45553045	Rheumatoid arthritis with rheumatoid factor of multiple sites without organ or systems involvement	M05.79	ICD10CM	n
1570031	Other rheumatoid arthritis with rheumatoid factor	M05.8	ICD10CM	n
45553046	Other rheumatoid arthritis with rheumatoid factor of unspecified site	M05.80	ICD10CM	n
1570032	Other rheumatoid arthritis with rheumatoid factor of shoulder	M05.81	ICD10CM	n
45562592	Other rheumatoid arthritis with rheumatoid factor of right shoulder	M05.811	ICD10CM	n
45533698	Other rheumatoid arthritis with rheumatoid factor of left shoulder	M05.812	ICD10CM	n

45557761	Other rheumatoid arthritis with rheumatoid factor of unspecified shoulder	M05.819	ICD10CM	n
1570033	Other rheumatoid arthritis with rheumatoid factor of elbow	M05.82	ICD10CM	n
45601280	Other rheumatoid arthritis with rheumatoid factor of right elbow	M05.821	ICD10CM	n
45601281	Other rheumatoid arthritis with rheumatoid factor of left elbow	M05.822	ICD10CM	n
45533699	Other rheumatoid arthritis with rheumatoid factor of unspecified elbow	M05.829	ICD10CM	n
1570034	Other rheumatoid arthritis with rheumatoid factor of wrist	M05.83	ICD10CM	n
45572339	Other rheumatoid arthritis with rheumatoid factor of right wrist	M05.831	ICD10CM	n
45596440	Other rheumatoid arthritis with rheumatoid factor of left wrist	M05.832	ICD10CM	n
45553047	Other rheumatoid arthritis with rheumatoid factor of unspecified wrist	M05.839	ICD10CM	n
1570035	Other rheumatoid arthritis with rheumatoid factor of hand	M05.84	ICD10CM	n
45586838	Other rheumatoid arthritis with rheumatoid factor of right hand	M05.841	ICD10CM	n
45582016	Other rheumatoid arthritis with rheumatoid factor of left hand	M05.842	ICD10CM	n
45601282	Other rheumatoid arthritis with rheumatoid factor of unspecified hand	M05.849	ICD10CM	n
1570036	Other rheumatoid arthritis with rheumatoid factor of hip	M05.85	ICD10CM	n
45606052	Other rheumatoid arthritis with rheumatoid factor of right hip	M05.851	ICD10CM	n

45601283	Other rheumatoid arthritis with rheumatoid factor of left hip	M05.852	ICD10CM	n
45533700	Other rheumatoid arthritis with rheumatoid factor of unspecified hip	M05.859	ICD10CM	n
1570037	Other rheumatoid arthritis with rheumatoid factor of knee	M05.86	ICD10CM	n
45543436	Other rheumatoid arthritis with rheumatoid factor of right knee	M05.861	ICD10CM	n
45553048	Other rheumatoid arthritis with rheumatoid factor of left knee	M05.862	ICD10CM	n
45548264	Other rheumatoid arthritis with rheumatoid factor of unspecified knee	M05.869	ICD10CM	n
1570038	Other rheumatoid arthritis with rheumatoid factor of ankle and foot	M05.87	ICD10CM	n
45548265	Other rheumatoid arthritis with rheumatoid factor of right ankle and foot	M05.871	ICD10CM	n
45586839	Other rheumatoid arthritis with rheumatoid factor of left ankle and foot	M05.872	ICD10CM	n
45548266	Other rheumatoid arthritis with rheumatoid factor of unspecified ankle and foot	M05.879	ICD10CM	n
45553049	Other rheumatoid arthritis with rheumatoid factor of multiple sites	M05.89	ICD10CM	n
35208750	Rheumatoid arthritis with rheumatoid factor, unspecified	M05.9	ICD10CM	n
1570039	Other rheumatoid arthritis	M06	ICD10CM	n
1570040	Rheumatoid arthritis without rheumatoid factor	M06.0	ICD10CM	n
45596442	Rheumatoid arthritis without rheumatoid factor, unspecified site	M06.00	ICD10CM	n
1570041	Rheumatoid arthritis without rheumatoid factor, shoulder	M06.01	ICD10CM	n

45606053	Rheumatoid arthritis without rheumatoid factor, right shoulder	M06.011	ICD10CM	n
45533701	Rheumatoid arthritis without rheumatoid factor, left shoulder	M06.012	ICD10CM	n
45591701	Rheumatoid arthritis without rheumatoid factor, unspecified shoulder	M06.019	ICD10CM	n
1570042	Rheumatoid arthritis without rheumatoid factor, elbow	M06.02	ICD10CM	n
45557762	Rheumatoid arthritis without rheumatoid factor, right elbow	M06.021	ICD10CM	n
45577104	Rheumatoid arthritis without rheumatoid factor, left elbow	M06.022	ICD10CM	n
45577105	Rheumatoid arthritis without rheumatoid factor, unspecified elbow	M06.029	ICD10CM	n
1570043	Rheumatoid arthritis without rheumatoid factor, wrist	M06.03	ICD10CM	n
45606054	Rheumatoid arthritis without rheumatoid factor, right wrist	M06.031	ICD10CM	n
45562593	Rheumatoid arthritis without rheumatoid factor, left wrist	M06.032	ICD10CM	n
45577106	Rheumatoid arthritis without rheumatoid factor, unspecified wrist	M06.039	ICD10CM	n
1570044	Rheumatoid arthritis without rheumatoid factor, hand	M06.04	ICD10CM	n
45606055	Rheumatoid arthritis without rheumatoid factor, right hand	M06.041	ICD10CM	n
45572340	Rheumatoid arthritis without rheumatoid factor, left hand	M06.042	ICD10CM	n
45577107	Rheumatoid arthritis without rheumatoid factor, unspecified hand	M06.049	ICD10CM	n

1570045	Rheumatoid arthritis without rheumatoid factor, hip	M06.05	ICD10CM	n
45557763	Rheumatoid arthritis without rheumatoid factor, right hip	M06.051	ICD10CM	n
45533702	Rheumatoid arthritis without rheumatoid factor, left hip	M06.052	ICD10CM	n
45577108	Rheumatoid arthritis without rheumatoid factor, unspecified hip	M06.059	ICD10CM	n
1570046	Rheumatoid arthritis without rheumatoid factor, knee	M06.06	ICD10CM	n
45601284	Rheumatoid arthritis without rheumatoid factor, right knee	M06.061	ICD10CM	n
45553051	Rheumatoid arthritis without rheumatoid factor, left knee	M06.062	ICD10CM	n
45538635	Rheumatoid arthritis without rheumatoid factor, unspecified knee	M06.069	ICD10CM	n
1570047	Rheumatoid arthritis without rheumatoid factor, ankle and foot	M06.07	ICD10CM	n
45577109	Rheumatoid arthritis without rheumatoid factor, right ankle and foot	M06.071	ICD10CM	n
45567420	Rheumatoid arthritis without rheumatoid factor, left ankle and foot	M06.072	ICD10CM	n
45533703	Rheumatoid arthritis without rheumatoid factor, unspecified ankle and foot	M06.079	ICD10CM	n
45606056	Rheumatoid arthritis without rheumatoid factor, vertebrae	M06.08	ICD10CM	n
45572341	Rheumatoid arthritis without rheumatoid factor, multiple sites	M06.09	ICD10CM	n
35208751	Adult-onset Still's disease	M06.1	ICD10CM	n
1570048	Rheumatoid bursitis	M06.2	ICD10CM	n

45606057	Rheumatoid bursitis, unspecified site	M06.20	ICD10CM	n
1570049	Rheumatoid bursitis, shoulder	M06.21	ICD10CM	n
45596443	Rheumatoid bursitis, right shoulder	M06.211	ICD10CM	n
45591702	Rheumatoid bursitis, left shoulder	M06.212	ICD10CM	n
45577111	Rheumatoid bursitis, unspecified shoulder	M06.219	ICD10CM	n
1570050	Rheumatoid bursitis, elbow	M06.22	ICD10CM	n
45577112	Rheumatoid bursitis, right elbow	M06.221	ICD10CM	n
45601285	Rheumatoid bursitis, left elbow	M06.222	ICD10CM	n
45538636	Rheumatoid bursitis, unspecified elbow	M06.229	ICD10CM	n
1570051	Rheumatoid bursitis, wrist	M06.23	ICD10CM	n
45557764	Rheumatoid bursitis, right wrist	M06.231	ICD10CM	n
45572342	Rheumatoid bursitis, left wrist	M06.232	ICD10CM	n
45606058	Rheumatoid bursitis, unspecified wrist	M06.239	ICD10CM	n
1570052	Rheumatoid bursitis, hand	M06.24	ICD10CM	n
45543437	Rheumatoid bursitis, right hand	M06.241	ICD10CM	n
45606059	Rheumatoid bursitis, left hand	M06.242	ICD10CM	n
45577113	Rheumatoid bursitis, unspecified hand	M06.249	ICD10CM	n
1570053	Rheumatoid bursitis, hip	M06.25	ICD10CM	n
45586840	Rheumatoid bursitis, right hip	M06.251	ICD10CM	n
45601286	Rheumatoid bursitis, left hip	M06.252	ICD10CM	n
45606060	Rheumatoid bursitis, unspecified hip	M06.259	ICD10CM	n
1570054	Rheumatoid bursitis, knee	M06.26	ICD10CM	n
45586841	Rheumatoid bursitis, right knee	M06.261	ICD10CM	n
45562594	Rheumatoid bursitis, left knee	M06.262	ICD10CM	n
45562595	Rheumatoid bursitis, unspecified knee	M06.269	ICD10CM	n

1570055	Rheumatoid bursitis, ankle and foot	M06.27	ICD10CM	n
45577114	Rheumatoid bursitis, right ankle and foot	M06.271	ICD10CM	n
45586842	Rheumatoid bursitis, left ankle and foot	M06.272	ICD10CM	n
45562596	Rheumatoid bursitis, unspecified ankle and foot	M06.279	ICD10CM	n
45572343	Rheumatoid bursitis, vertebrae	M06.28	ICD10CM	n
45572344	Rheumatoid bursitis, multiple sites	M06.29	ICD10CM	n
1570056	Rheumatoid nodule	M06.3	ICD10CM	n
45591703	Rheumatoid nodule, unspecified site	M06.30	ICD10CM	n
1570057	Rheumatoid nodule, shoulder	M06.31	ICD10CM	n
45543438	Rheumatoid nodule, right shoulder	M06.311	ICD10CM	n
45606061	Rheumatoid nodule, left shoulder	M06.312	ICD10CM	n
45548267	Rheumatoid nodule, unspecified shoulder	M06.319	ICD10CM	n
1570058	Rheumatoid nodule, elbow	M06.32	ICD10CM	n
45596444	Rheumatoid nodule, right elbow	M06.321	ICD10CM	n
45553052	Rheumatoid nodule, left elbow	M06.322	ICD10CM	n
45543439	Rheumatoid nodule, unspecified elbow	M06.329	ICD10CM	n
1570059	Rheumatoid nodule, wrist	M06.33	ICD10CM	n
45577115	Rheumatoid nodule, right wrist	M06.331	ICD10CM	n
45586843	Rheumatoid nodule, left wrist	M06.332	ICD10CM	n
45557765	Rheumatoid nodule, unspecified wrist	M06.339	ICD10CM	n
1570060	Rheumatoid nodule, hand	M06.34	ICD10CM	n
45548268	Rheumatoid nodule, right hand	M06.341	ICD10CM	n
45606062	Rheumatoid nodule, left hand	M06.342	ICD10CM	n
45586844	Rheumatoid nodule, unspecified hand	M06.349	ICD10CM	n
1570061	Rheumatoid nodule, hip	M06.35	ICD10CM	n

45538638	Rheumatoid nodule, right hip	M06.351	ICD10CM	n
45596445	Rheumatoid nodule, left hip	M06.352	ICD10CM	n
45591704	Rheumatoid nodule, unspecified hip	M06.359	ICD10CM	n
1570062	Rheumatoid nodule, knee	M06.36	ICD10CM	n
45553053	Rheumatoid nodule, right knee	M06.361	ICD10CM	n
45562597	Rheumatoid nodule, left knee	M06.362	ICD10CM	n
45577116	Rheumatoid nodule, unspecified knee	M06.369	ICD10CM	n
1570063	Rheumatoid nodule, ankle and foot	M06.37	ICD10CM	n
45601287	Rheumatoid nodule, right ankle and foot	M06.371	ICD10CM	n
45548269	Rheumatoid nodule, left ankle and foot	M06.372	ICD10CM	n
45572345	Rheumatoid nodule, unspecified ankle and foot	M06.379	ICD10CM	n
45582017	Rheumatoid nodule, vertebrae	M06.38	ICD10CM	n
45543440	Rheumatoid nodule, multiple sites	M06.39	ICD10CM	n
35208752	Inflammatory polyarthropathy	M06.4	ICD10CM	n
1570064	Other specified rheumatoid arthritis	M06.8	ICD10CM	n
45548270	Other specified rheumatoid arthritis, unspecified site	M06.80	ICD10CM	n
1570065	Other specified rheumatoid arthritis, shoulder	M06.81	ICD10CM	n
45572346	Other specified rheumatoid arthritis, right shoulder	M06.811	ICD10CM	n
45567422	Other specified rheumatoid arthritis, left shoulder	M06.812	ICD10CM	n
45601288	Other specified rheumatoid arthritis, unspecified shoulder	M06.819	ICD10CM	n
1570066	Other specified rheumatoid arthritis, elbow	M06.82	ICD10CM	n
45538639	Other specified rheumatoid arthritis, right elbow	M06.821	ICD10CM	n
45562598	Other specified rheumatoid arthritis, left elbow	M06.822	ICD10CM	n

45596446	Other specified rheumatoid arthritis, unspecified elbow	M06.829	ICD10CM	n
1570067	Other specified rheumatoid arthritis, wrist	M06.83	ICD10CM	n
45577117	Other specified rheumatoid arthritis, right wrist	M06.831	ICD10CM	n
45567423	Other specified rheumatoid arthritis, left wrist	M06.832	ICD10CM	n
45577118	Other specified rheumatoid arthritis, unspecified wrist	M06.839	ICD10CM	n
1570068	Other specified rheumatoid arthritis, hand	M06.84	ICD10CM	n
45606063	Other specified rheumatoid arthritis, right hand	M06.841	ICD10CM	n
45562599	Other specified rheumatoid arthritis, left hand	M06.842	ICD10CM	n
45577119	Other specified rheumatoid arthritis, unspecified hand	M06.849	ICD10CM	n
1570069	Other specified rheumatoid arthritis, hip	M06.85	ICD10CM	n
45543442	Other specified rheumatoid arthritis, right hip	M06.851	ICD10CM	n
45543443	Other specified rheumatoid arthritis, left hip	M06.852	ICD10CM	n
45567424	Other specified rheumatoid arthritis, unspecified hip	M06.859	ICD10CM	n
1570070	Other specified rheumatoid arthritis, knee	M06.86	ICD10CM	n
45601289	Other specified rheumatoid arthritis, right knee	M06.861	ICD10CM	n
45562600	Other specified rheumatoid arthritis, left knee	M06.862	ICD10CM	n
45548271	Other specified rheumatoid arthritis, unspecified knee	M06.869	ICD10CM	n
1570071	Other specified rheumatoid arthritis, ankle and foot	M06.87	ICD10CM	n
45606064	Other specified rheumatoid arthritis, right ankle and foot	M06.871	ICD10CM	n
45591705	Other specified rheumatoid arthritis, left ankle and foot	M06.872	ICD10CM	n
45567425	Other specified rheumatoid arthritis, unspecified ankle and foot	M06.879	ICD10CM	n

45567426	Other specified rheumatoid arthritis, vertebrae	M06.88	ICD10CM	n
45586845	Other specified rheumatoid arthritis, multiple sites	M06.89	ICD10CM	n
35208753	Rheumatoid arthritis, unspecified	M06.9	ICD10CM	n
45606038	Seropositive rheumatoid arthritis	M05	ICD10	n
45591684	Felty syndrome	M05.0	ICD10	n
42616528	Felty syndrome, multiple sites	M05.00	ICD10	n
42616529	Felty syndrome, shoulder region	M05.01	ICD10	n
42616530	Felty syndrome, upper arm	M05.02	ICD10	n
42616531	Felty syndrome, forearm	M05.03	ICD10	n
42616532	Felty syndrome, hand	M05.04	ICD10	n
42616533	Felty syndrome, pelvic region and thigh	M05.05	ICD10	n
42616534	Felty syndrome, lower leg	M05.06	ICD10	n
42616535	Felty syndrome, ankle and foot	M05.07	ICD10	n
42616536	Felty syndrome, other	M05.08	ICD10	n
42616537	Felty syndrome, site unspecified	M05.09	ICD10	n
42616538	Rheumatoid lung disease, multiple sites	M05.10	ICD10	n
42616539	Rheumatoid lung disease, shoulder region	M05.11	ICD10	n
42616542	Rheumatoid lung disease, hand	M05.14	ICD10	n
42616545	Rheumatoid lung disease, ankle and foot	M05.17	ICD10	n
45562583	Rheumatoid vasculitis	M05.2	ICD10	n
42616548	Rheumatoid vasculitis, multiple sites	M05.20	ICD10	n
42616549	Rheumatoid vasculitis, shoulder region	M05.21	ICD10	n
42616550	Rheumatoid vasculitis, upper arm	M05.22	ICD10	n
42616551	Rheumatoid vasculitis, forearm	M05.23	ICD10	n
42616552	Rheumatoid vasculitis, hand	M05.24	ICD10	n
42616553	Rheumatoid vasculitis, pelvic region and thigh	M05.25	ICD10	n

42616554	Rheumatoid vasculitis, lower leg	M05.26	ICD10	n
42616555	Rheumatoid vasculitis, ankle and foot	M05.27	ICD10	n
42616556	Rheumatoid vasculitis, other	M05.28	ICD10	n
42616557	Rheumatoid vasculitis, site unspecified	M05.29	ICD10	n
42616558	Rheumatoid arthritis with involvement of other organs and systems, multiple sites	M05.30	ICD10	n
42616559	Rheumatoid arthritis with involvement of other organs and systems, shoulder region	M05.31	ICD10	n
42616562	Rheumatoid arthritis with involvement of other organs and systems, hand	M05.34	ICD10	n
42616564	Rheumatoid arthritis with involvement of other organs and systems, lower leg	M05.36	ICD10	n
42616565	Rheumatoid arthritis with involvement of other organs and systems, ankle and foot	M05.37	ICD10	n
45538634	Other seropositive rheumatoid arthritis	M05.8	ICD10	n
42616567	Other seropositive rheumatoid arthritis, multiple sites	M05.80	ICD10	n
42616568	Other seropositive rheumatoid arthritis, shoulder region	M05.81	ICD10	n
42616569	Other seropositive rheumatoid arthritis, upper arm	M05.82	ICD10	n
42616570	Other seropositive rheumatoid arthritis, forearm	M05.83	ICD10	n
42616571	Other seropositive rheumatoid arthritis, hand	M05.84	ICD10	n

42616572	Other seropositive rheumatoid arthritis, pelvic region and thigh	M05.85	ICD10	n
42616573	Other seropositive rheumatoid arthritis, lower leg	M05.86	ICD10	n
42616574	Other seropositive rheumatoid arthritis, ankle and foot	M05.87	ICD10	n
42616575	Other seropositive rheumatoid arthritis, other	M05.88	ICD10	n
42616576	Other seropositive rheumatoid arthritis, site unspecified	M05.89	ICD10	n
45553050	Seropositive rheumatoid arthritis, unspecified	M05.9	ICD10	n
42616577	Seropositive rheumatoid arthritis, unspecified, multiple sites	M05.90	ICD10	n
42616578	Seropositive rheumatoid arthritis, unspecified, shoulder region	M05.91	ICD10	n
42616579	Seropositive rheumatoid arthritis, unspecified, upper arm	M05.92	ICD10	n
42616580	Seropositive rheumatoid arthritis, unspecified, forearm	M05.93	ICD10	n
42616581	Seropositive rheumatoid arthritis, unspecified, hand	M05.94	ICD10	n
42616582	Seropositive rheumatoid arthritis, unspecified, pelvic region and thigh	M05.95	ICD10	n
42616583	Seropositive rheumatoid arthritis, unspecified, lower leg	M05.96	ICD10	n
42616584	Seropositive rheumatoid arthritis, unspecified, ankle and foot	M05.97	ICD10	n
42616585	Seropositive rheumatoid arthritis, unspecified, other	M05.98	ICD10	n
42616586	Seropositive rheumatoid arthritis, unspecified, site unspecified	M05.99	ICD10	n
45596441	Other rheumatoid arthritis	M06	ICD10	n

45577103	Seronegative rheumatoid arthritis	M06.0	ICD10	n
42616587	Seronegative rheumatoid arthritis, multiple sites	M06.00	ICD10	n
42616588	Seronegative rheumatoid arthritis, shoulder region	M06.01	ICD10	n
42616589	Seronegative rheumatoid arthritis, upper arm	M06.02	ICD10	n
42619375	Seronegative rheumatoid arthritis, forearm	M06.03	ICD10	n
42616590	Seronegative rheumatoid arthritis, hand	M06.04	ICD10	n
42616591	Seronegative rheumatoid arthritis, pelvic region and thigh	M06.05	ICD10	n
42616592	Seronegative rheumatoid arthritis, lower leg	M06.06	ICD10	n
42616593	Seronegative rheumatoid arthritis, ankle and foot	M06.07	ICD10	n
42616594	Seronegative rheumatoid arthritis, other	M06.08	ICD10	n
42616595	Seronegative rheumatoid arthritis, site unspecified	M06.09	ICD10	n
45533704	Adult-onset Still disease	M06.1	ICD10	n
42616596	Adult-onset Still disease, multiple sites	M06.10	ICD10	n
42616597	Adult-onset Still disease, shoulder region	M06.11	ICD10	n
42616598	Adult-onset Still disease, upper arm	M06.12	ICD10	n
42616599	Adult-onset Still disease, forearm	M06.13	ICD10	n
42616600	Adult-onset Still disease, hand	M06.14	ICD10	n
42616601	Adult-onset Still disease, pelvic region and thigh	M06.15	ICD10	n
42616602	Adult-onset Still disease, lower leg	M06.16	ICD10	n
42616603	Adult-onset Still disease, ankle and foot	M06.17	ICD10	n
42616604	Adult-onset Still disease, other	M06.18	ICD10	n
42616605	Adult-onset Still disease, site unspecified	M06.19	ICD10	n

45567421	Inflammatory polyarthropathy	M06.4	ICD10	n
42616625	Inflammatory polyarthropathy, multiple sites	M06.40	ICD10	n
42616626	Inflammatory polyarthropathy, shoulder region	M06.41	ICD10	n
42616627	Inflammatory polyarthropathy, upper arm	M06.42	ICD10	n
42616628	Inflammatory polyarthropathy, forearm	M06.43	ICD10	n
42616629	Inflammatory polyarthropathy, hand	M06.44	ICD10	n
42616630	Inflammatory polyarthropathy, pelvic region and thigh	M06.45	ICD10	n
42616631	Inflammatory polyarthropathy, lower leg	M06.46	ICD10	n
42616632	Inflammatory polyarthropathy, ankle and foot	M06.47	ICD10	n
42619379	Inflammatory polyarthropathy, other	M06.48	ICD10	n
42616633	Inflammatory polyarthropathy, site unspecified	M06.49	ICD10	n
45543441	Other specified rheumatoid arthritis	M06.8	ICD10	n
42616634	Other specified rheumatoid arthritis, multiple sites	M06.80	ICD10	n
42616635	Other specified rheumatoid arthritis, shoulder region	M06.81	ICD10	n
42616636	Other specified rheumatoid arthritis, upper arm	M06.82	ICD10	n
42616637	Other specified rheumatoid arthritis, forearm	M06.83	ICD10	n
42616638	Other specified rheumatoid arthritis, hand	M06.84	ICD10	n
42616639	Other specified rheumatoid arthritis, pelvic region and thigh	M06.85	ICD10	n
42616640	Other specified rheumatoid arthritis, lower leg	M06.86	ICD10	n

42616641	Other specified rheumatoid arthritis, ankle and foot	M06.87	ICD10	n
42616642	Other specified rheumatoid arthritis, other	M06.88	ICD10	n
42616643	Other specified rheumatoid arthritis, site unspecified	M06.89	ICD10	n
45533705	Rheumatoid arthritis, unspecified	M06.9	ICD10	n
42616644	Rheumatoid arthritis, unspecified, multiple sites	M06.90	ICD10	n
42616645	Rheumatoid arthritis, unspecified, shoulder region	M06.91	ICD10	n
42616646	Rheumatoid arthritis, unspecified, upper arm	M06.92	ICD10	n
42616647	Rheumatoid arthritis, unspecified, forearm	M06.93	ICD10	n
42616648	Rheumatoid arthritis, unspecified, hand	M06.94	ICD10	n
42619380	Rheumatoid arthritis, unspecified, pelvic region and thigh	M06.95	ICD10	n
42616649	Rheumatoid arthritis, unspecified, lower leg	M06.96	ICD10	n
42616650	Rheumatoid arthritis, unspecified, ankle and foot	M06.97	ICD10	n
42616651	Rheumatoid arthritis, unspecified, other	M06.98	ICD10	n
42616652	Rheumatoid arthritis, unspecified, site unspecified	M06.99	ICD10	n

Rheumatoid Arthritis: Knowledge Engineered SNOMED Mimic				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
4291025	Arthritis	3723001	SNOMED	n
80809	Rheumatoid arthritis	69896004	SNOMED	n
81097	Felty's syndrome	57160007	SNOMED	n
78230	Rheumatoid arthritis with organ / system involvement	239793008	SNOMED	n

Rheumatoid Arthritis: Knowledge Engineered SNOMED Optimize				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
80809	Rheumatoid arthritis	69896004	SNOMED	y
4107913	Myopathy due to rheumatoid arthritis	193250002	SNOMED	y
4102493	Polyneuropathy in rheumatoid arthritis	193180002	SNOMED	y
4114443	Rheumatoid bursitis	201788009	SNOMED	y
4142899	Subcutaneous rheumatoid nodule	33719002	SNOMED	y
4179528	Rheumatic arthritis of temporomandibular joint	429422002	SNOMED	y
4030552	Rheumatic joint disease	14175009	SNOMED	y
4243205	Subacute rheumatic arthritis	58769002	SNOMED	y
4216531	Acute rheumatic arthritis	81077008	SNOMED	y
4291025	Arthritis	3723001	SNOMED	n

Type 1 Diabetes: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44820682	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	250.01	ICD9CM	n
44821787	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	250.03	ICD9CM	n
44824071	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	250.11	ICD9CM	n
44822934	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	250.13	ICD9CM	n
44832190	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	250.21	ICD9CM	n
44832191	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	250.23	ICD9CM	n
44832192	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	250.31	ICD9CM	n
44820683	Diabetes with other coma, type I [juvenile type], uncontrolled	250.33	ICD9CM	n
44822935	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	250.41	ICD9CM	n
44834549	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	250.43	ICD9CM	n
44822936	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	250.51	ICD9CM	n
44820684	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	250.53	ICD9CM	n
44831046	Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled	250.61	ICD9CM	n

44819501	Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	250.63	ICD9CM	n
44825264	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	250.71	ICD9CM	n
44819502	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	250.73	ICD9CM	n
44836918	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	250.81	ICD9CM	n
44833368	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	250.83	ICD9CM	n
44829881	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	250.91	ICD9CM	n
44819504	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	250.93	ICD9CM	n

Type 1 Diabetes: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
45773567	Sensory neuropathy due to type 1 diabetes mellitus	102781000119107	SNOMED	n
45757073	Retinal ischemia due to type 1 diabetes mellitus	104941000119109	SNOMED	n
45757074	Diabetic vitreous hemorrhage due to type 1 diabetes mellitus	104951000119106	SNOMED	n
46269764	Skin ulcer of toe due to diabetes mellitus type 1	10656231000119100	SNOMED	n
45757266	Retinal edema due to type 1 diabetes mellitus	109171000119104	SNOMED	n
45770902	Ulcer of lower limb due to type 1 diabetes mellitus	110141000119100	SNOMED	n
45757362	Hypoglycemic unawareness in type 1 diabetes mellitus	120711000119108	SNOMED	n
45757393	Hypertension concurrent and due to end stage renal disease on dialysis due to type 1 diabetes mellitus	128001000119105	SNOMED	n
45757432	Hyperlipidemia due to type 1 diabetes mellitus	137941000119106	SNOMED	n
37016179	Mild nonproliferative retinopathy due to type 1 diabetes mellitus	138881000119106	SNOMED	n
37016180	Moderate nonproliferative retinopathy due to type 1 diabetes mellitus	138891000119109	SNOMED	n
43530660	Mixed hyperlipidemia due to type 1 diabetes mellitus	1571000119104	SNOMED	n
45757507	Foot ulcer due to type 1 diabetes mellitus	164881000119109	SNOMED	n
45757535	Microalbuminuria due to type 1 diabetes mellitus	18521000119106	SNOMED	n
201531	Type 1 diabetes mellitus with hyperosmolar coma	190330002	SNOMED	n
4099214	Type 1 diabetes mellitus with ulcer	190368000	SNOMED	n
4096668	Type 1 diabetes mellitus with gangrene	190369008	SNOMED	n
4099215	Type 1 diabetes mellitus maturity onset	190372001	SNOMED	n
4063042	Pre-existing type 1 diabetes mellitus	199229001	SNOMED	n

4047906	Insulin dependent diabetes mellitus type 1A	23045005	SNOMED	n
45757604	Proteinuria due to type 1 diabetes mellitus	243421000119104	SNOMED	n
4102018	Insulin dependent diabetes mellitus type 1B	28032008	SNOMED	n
36713094	Peripheral angiopathy due to type 1 diabetes mellitus	31211000119101	SNOMED	n
45757674	Diabetes mellitus type 1 without retinopathy	31321000119102	SNOMED	n
443412	Type 1 diabetes mellitus without complication	313435000	SNOMED	n
4151281	Type 1 diabetes mellitus with hypoglycemic coma	314771006	SNOMED	n
4152858	Type 1 diabetes mellitus with arthropathy	314893005	SNOMED	n
37016348	Hyperglycemia due to type 1 diabetes mellitus	367991000119101	SNOMED	n
37016353	Dyslipidemia due to type 1 diabetes mellitus	368551000119104	SNOMED	n
4295011	Type 1 diabetes mellitus with persistent microalbuminuria	401110002	SNOMED	n
439770	Ketoacidosis in type 1 diabetes mellitus	420270002	SNOMED	n
4222553	Persistent proteinuria associated with type 1 diabetes mellitus	420514000	SNOMED	n
435216	Disorder due to type 1 diabetes mellitus	420868002	SNOMED	n
4225055	Mononeuropathy associated with type 1 diabetes mellitus	420918009	SNOMED	n
4224254	Ketoacidotic coma in type 1 diabetes mellitus	421075007	SNOMED	n
373999	Diabetic oculopathy associated with type 1 diabetes mellitus	421165007	SNOMED	n
4222687	Persistent microalbuminuria associated with type 1 diabetes mellitus	421305000	SNOMED	n
318712	Peripheral circulatory disorder associated with type 1 diabetes mellitus	421365002	SNOMED	n

4228112	Hypoglycemic coma in type 1 diabetes mellitus	421437000	SNOMED	n
377821	Neurological disorder associated with type 1 diabetes mellitus	421468001	SNOMED	n
200687	Renal disorder associated with type 1 diabetes mellitus	421893009	SNOMED	n
4224709	Multiple complications of type 1 diabetes mellitus	422228004	SNOMED	n
4143689	Small vessel disease due to type 1 diabetes mellitus	426907004	SNOMED	n
4143857	Amyotrophy due to type 1 diabetes mellitus	427571000	SNOMED	n
443592	Hyperosmolality due to uncontrolled type 1 diabetes mellitus	428896009	SNOMED	n
40484648	Type 1 diabetes mellitus uncontrolled	444073006	SNOMED	n
201254	Type 1 diabetes mellitus	46635009	SNOMED	n
43531008	Pre-existing type 1 diabetes mellitus in pregnancy	609564002	SNOMED	n
43531009	Pregnancy and type 1 diabetes mellitus	609566000	SNOMED	n
45763583	Nonproliferative diabetic retinopathy due to type 1 diabetes mellitus	60961000119107	SNOMED	n
45763584	Proliferative retinopathy due to type 1 diabetes mellitus	60971000119101	SNOMED	n
45763585	Blindness due to type 1 diabetes mellitus	60991000119100	SNOMED	n
43531565	Diabetic erectile dysfunction associated with type 1 diabetes mellitus	691000119103	SNOMED	n
45766051	Type I diabetes mellitus in remission	703137001	SNOMED	n
37016767	Diabetic autonomic neuropathy due to type 1 diabetes mellitus	712882000	SNOMED	n
37017429	Gastroparesis due to type 1 diabetes mellitus	713702000	SNOMED	n
37017431	Polyneuropathy due to type 1 diabetes mellitus	713705003	SNOMED	n

45771067	Hypertension in chronic kidney disease due to type 1 diabetes mellitus	71701000119105	SNOMED	n
45769829	Nephrotic syndrome due to type 1 diabetes mellitus	71721000119101	SNOMED	n
45769830	Neuropathic arthropathy due to type 1 diabetes mellitus	71771000119100	SNOMED	n
37018566	Peripheral neuropathy due to type 1 diabetes mellitus	71791000119104	SNOMED	n
45769832	Diabetic dermopathy due to type 1 diabetes mellitus	72021000119109	SNOMED	n
45769833	Severe malnutrition due to type 1 diabetes mellitus	72031000119107	SNOMED	n
45769834	Osteomyelitis due to type 1 diabetes mellitus	72041000119103	SNOMED	n
36715571	Acidosis due to type 1 diabetes mellitus	721283000	SNOMED	n
45769837	Chronic ulcer of skin due to type 1 diabetes mellitus	72141000119104	SNOMED	n
36717215	Intellectual disability, craniofacial dysmorphism, hypogonadism, diabetes mellitus syndrome	722454003	SNOMED	n
45769873	Traction retinal detachment due to type 1 diabetes mellitus	82571000119107	SNOMED	n
45771533	Rubeosis iridis due to type 1 diabetes mellitus	82581000119105	SNOMED	n
45769876	Hypoglycemia due to type 1 diabetes mellitus	84371000119108	SNOMED	n
45769891	Ankle ulcer due to type 1 diabetes mellitus	87471000119106	SNOMED	n
45771068	Heel AND/OR midfoot ulcer due to type 1 diabetes mellitus	87481000119109	SNOMED	n
45769892	Forefoot ulcer due to type 1 diabetes mellitus	87491000119107	SNOMED	n
45773576	Chronic kidney disease stage 1 due to type 1 diabetes mellitus	90721000119101	SNOMED	n
45769901	Chronic kidney disease stage 2 due to type 1 diabetes mellitus	90731000119103	SNOMED	n

45771075	Chronic kidney disease stage 3 due to type 1 diabetes mellitus	90741000119107	SNOMED	n
45769902	Chronic kidney disease stage 4 due to type 1 diabetes mellitus	90751000119109	SNOMED	n
45769903	Chronic kidney disease stage 5 due to type 1 diabetes mellitus	90761000119106	SNOMED	n
45769904	End stage renal disease on dialysis due to type 1 diabetes mellitus	90771000119100	SNOMED	n
45773688	Chronic kidney disease due to type 1 diabetes mellitus	96441000119101	SNOMED	n
44820682	Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled	250.01	ICD9CM	n
44821787	Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled	250.03	ICD9CM	n
44824071	Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled	250.11	ICD9CM	n
44822934	Diabetes with ketoacidosis, type I [juvenile type], uncontrolled	250.13	ICD9CM	n
44832190	Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled	250.21	ICD9CM	n
44832191	Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled	250.23	ICD9CM	n
44832192	Diabetes with other coma, type I [juvenile type], not stated as uncontrolled	250.31	ICD9CM	n
44820683	Diabetes with other coma, type I [juvenile type], uncontrolled	250.33	ICD9CM	n
44822935	Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled	250.41	ICD9CM	n

44834549	Diabetes with renal manifestations, type I [juvenile type], uncontrolled	250.43	ICD9CM	n
44822936	Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled	250.51	ICD9CM	n
44820684	Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled	250.53	ICD9CM	n
44831046	Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled	250.61	ICD9CM	n
44819501	Diabetes with neurological manifestations, type I [juvenile type], uncontrolled	250.63	ICD9CM	n
44825264	Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled	250.71	ICD9CM	n
44819502	Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled	250.73	ICD9CM	n
44836918	Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled	250.81	ICD9CM	n
44833368	Diabetes with other specified manifestations, type I [juvenile type], uncontrolled	250.83	ICD9CM	n
44829881	Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled	250.91	ICD9CM	n
44819504	Diabetes with unspecified complication, type I [juvenile type], uncontrolled	250.93	ICD9CM	n
1567940	Type 1 diabetes mellitus	E10	ICD10CM	n
1567941	Type 1 diabetes mellitus with ketoacidosis	E10.1	ICD10CM	n
45600636	Type 1 diabetes mellitus with ketoacidosis without coma	E10.10	ICD10CM	n

45557110	Type 1 diabetes mellitus with ketoacidosis with coma	E10.11	ICD10CM	n
1567942	Type 1 diabetes mellitus with kidney complications	E10.2	ICD10CM	n
45552379	Type 1 diabetes mellitus with diabetic nephropathy	E10.21	ICD10CM	n
45547621	Type 1 diabetes mellitus with diabetic chronic kidney disease	E10.22	ICD10CM	n
45600637	Type 1 diabetes mellitus with other diabetic kidney complication	E10.29	ICD10CM	n
1567943	Type 1 diabetes mellitus with ophthalmic complications	E10.3	ICD10CM	n
1567944	Type 1 diabetes mellitus with unspecified diabetic retinopathy	E10.31	ICD10CM	n
45552381	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema	E10.311	ICD10CM	n
45542736	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema	E10.319	ICD10CM	n
1567945	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy	E10.32	ICD10CM	n
45595793	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	E10.321	ICD10CM	n
	..... right eye	E10.3211	ICD10CM	n
	..... left eye	E10.3212	ICD10CM	n
	..... bilateral	E10.3213	ICD10CM	n
	..... unspecified eye	E10.3219	ICD10CM	n
45591026	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	E10.329	ICD10CM	n
	..... right eye	E10.3291	ICD10CM	n
	..... left eye	E10.3292	ICD10CM	n
	..... bilateral	E10.3293	ICD10CM	n

	..... unspecified eye	E10.3299	ICD10CM	n
1567946	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy	E10.33	ICD10CM	n
45561947	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	E10.331	ICD10CM	n
	..... right eye	E10.3311	ICD10CM	n
	..... left eye	E10.3312	ICD10CM	n
	..... bilateral	E10.3313	ICD10CM	n
	..... unspecified eye	E10.3319	ICD10CM	n
45605397	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	E10.339	ICD10CM	n
	..... right eye	E10.3391	ICD10CM	n
	..... left eye	E10.3392	ICD10CM	n
	..... bilateral	E10.3393	ICD10CM	n
	..... unspecified eye	E10.3399	ICD10CM	n
1567947	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy	E10.34	ICD10CM	n
45595794	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	E10.341	ICD10CM	n
	..... right eye	E10.3411	ICD10CM	n
	..... left eye	E10.3412	ICD10CM	n
	..... bilateral	E10.3413	ICD10CM	n
	..... unspecified eye	E10.3419	ICD10CM	n
45537958	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	E10.349	ICD10CM	n
	..... right eye	E10.3491	ICD10CM	n
	..... left eye	E10.3492	ICD10CM	n
	..... bilateral	E10.3493	ICD10CM	n
	..... unspecified eye	E10.3499	ICD10CM	n

1567948	Type 1 diabetes mellitus with proliferative diabetic retinopathy	E10.35	ICD10CM	n
45576437	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema	E10.351	ICD10CM	n
	..... right eye	E10.3511	ICD10CM	n
	..... left eye	E10.3512	ICD10CM	n
	..... bilateral	E10.3513	ICD10CM	n
	..... unspecified eye	E10.3519	ICD10CM	n
	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	E10.352	ICD10CM	n
	..... right eye	E10.3521	ICD10CM	n
	..... left eye	E10.3522	ICD10CM	n
	..... bilateral	E10.3523	ICD10CM	n
	..... unspecified eye	E10.3529	ICD10CM	n
	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	E10.353	ICD10CM	n
	..... right eye	E10.3531	ICD10CM	n
	..... left eye	E10.3532	ICD10CM	n
	..... bilateral	E10.3533	ICD10CM	n
	..... unspecified eye	E10.3539	ICD10CM	n
	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	E10.354	ICD10CM	n
	..... right eye	E10.3541	ICD10CM	n
	..... left eye	E10.3542	ICD10CM	n
	..... bilateral	E10.3543	ICD10CM	n
	..... unspecified eye	E10.3549	ICD10CM	n
	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy	E10.355	ICD10CM	n
	..... right eye	E10.3551	ICD10CM	n
	..... left eye	E10.3552	ICD10CM	n
	..... bilateral	E10.3553	ICD10CM	n

	..... unspecified eye	E10.3559	ICD10CM	n
45571654	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema	E10.359	ICD10CM	n
	..... right eye	E10.3591	ICD10CM	n
	..... left eye	E10.3592	ICD10CM	n
	..... bilateral	E10.3593	ICD10CM	n
	..... unspecified eye	E10.3599	ICD10CM	n
45552382	Type 1 diabetes mellitus with diabetic cataract	E10.36	ICD10CM	n
	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment	E10.37	ICD10CM	n
	..... right eye	E10.37X1	ICD10CM	n
	..... left eye	E10.37X2	ICD10CM	n
	..... bilateral	E10.37X3	ICD10CM	n
	..... unspecified eye	E10.37X9	ICD10CM	n
45576438	Type 1 diabetes mellitus with other diabetic ophthalmic complication	E10.39	ICD10CM	n
1567949	Type 1 diabetes mellitus with neurological complications	E10.4	ICD10CM	n
45600638	Type 1 diabetes mellitus with diabetic neuropathy, unspecified	E10.40	ICD10CM	n
45576439	Type 1 diabetes mellitus with diabetic mononeuropathy	E10.41	ICD10CM	n
45595795	Type 1 diabetes mellitus with diabetic polyneuropathy	E10.42	ICD10CM	n
45533017	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy	E10.43	ICD10CM	n
45561948	Type 1 diabetes mellitus with diabetic amyotrophy	E10.44	ICD10CM	n
45586138	Type 1 diabetes mellitus with other diabetic neurological complication	E10.49	ICD10CM	n
1567950	Type 1 diabetes mellitus with circulatory complications	E10.5	ICD10CM	n

45547622	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene	E10.51	ICD10CM	n
45542737	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene	E10.52	ICD10CM	n
45581349	Type 1 diabetes mellitus with other circulatory complications	E10.59	ICD10CM	n
1567951	Type 1 diabetes mellitus with other specified complications	E10.6	ICD10CM	n
1567952	Type 1 diabetes mellitus with diabetic arthropathy	E10.61	ICD10CM	n
45576440	Type 1 diabetes mellitus with diabetic neuropathic arthropathy	E10.610	ICD10CM	n
45537960	Type 1 diabetes mellitus with other diabetic arthropathy	E10.618	ICD10CM	n
1567953	Type 1 diabetes mellitus with skin complications	E10.62	ICD10CM	n
45600639	Type 1 diabetes mellitus with diabetic dermatitis	E10.620	ICD10CM	n
45605398	Type 1 diabetes mellitus with foot ulcer	E10.621	ICD10CM	n
45581350	Type 1 diabetes mellitus with other skin ulcer	E10.622	ICD10CM	n
45566729	Type 1 diabetes mellitus with other skin complications	E10.628	ICD10CM	n
1567954	Type 1 diabetes mellitus with oral complications	E10.63	ICD10CM	n
45557111	Type 1 diabetes mellitus with periodontal disease	E10.630	ICD10CM	n
45547623	Type 1 diabetes mellitus with other oral complications	E10.638	ICD10CM	n
1567955	Type 1 diabetes mellitus with hypoglycemia	E10.64	ICD10CM	n
45552383	Type 1 diabetes mellitus with hypoglycemia with coma	E10.641	ICD10CM	n

45600640	Type 1 diabetes mellitus with hypoglycemia without coma	E10.649	ICD10CM	n
45533018	Type 1 diabetes mellitus with hyperglycemia	E10.65	ICD10CM	n
45547624	Type 1 diabetes mellitus with other specified complication	E10.69	ICD10CM	n
35206878	Type 1 diabetes mellitus with unspecified complications	E10.8	ICD10CM	n
35206879	Type 1 diabetes mellitus without complications	E10.9	ICD10CM	n
1571684	Pre-existing diabetes mellitus, type 1, in pregnancy, childbirth and the puerperium	O24.0	ICD10CM	n
1571685	Pre-existing diabetes mellitus, type 1, in pregnancy	O24.01	ICD10CM	n
45548715	Pre-existing diabetes mellitus, type 1, in pregnancy, first trimester	O24.011	ICD10CM	n
45587291	Pre-existing diabetes mellitus, type 1, in pregnancy, second trimester	O24.012	ICD10CM	n
45539105	Pre-existing diabetes mellitus, type 1, in pregnancy, third trimester	O24.013	ICD10CM	n
45543921	Pre-existing diabetes mellitus, type 1, in pregnancy, unspecified trimester	O24.019	ICD10CM	n
45606546	Pre-existing diabetes mellitus, type 1, in childbirth	O24.02	ICD10CM	n
45577566	Pre-existing diabetes mellitus, type 1, in the puerperium	O24.03	ICD10CM	n
45576436	Type 1 diabetes mellitus	E10	ICD10	n
45755355	Type 1 diabetes mellitus, With coma	E10.0	ICD10	n
45542735	Type 1 diabetes mellitus, With ketoacidosis	E10.1	ICD10	n

45586137	Type 1 diabetes mellitus, With renal complications	E10.2	ICD10	n
45552380	Type 1 diabetes mellitus, With ophthalmic complications	E10.3	ICD10	n
45533016	Type 1 diabetes mellitus, With neurological complications	E10.4	ICD10	n
45595796	Type 1 diabetes mellitus, With peripheral circulatory complications	E10.5	ICD10	n
45537959	Type 1 diabetes mellitus, With other specified complications	E10.6	ICD10	n
45571655	Type 1 diabetes mellitus, With multiple complications	E10.7	ICD10	n
45552384	Type 1 diabetes mellitus, With unspecified complications	E10.8	ICD10	n
45581351	Type 1 diabetes mellitus, Without complications	E10.9	ICD10	n
45558213	Diabetes mellitus in pregnancy: Pre-existing diabetes mellitus, insulin-dependent	O24.0	ICD10	n

Type 1 Diabetes: Knowledge Engineered SNOMED Mimic				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
201531	Type 1 diabetes mellitus with hyperosmolar coma	190330002	SNOMED	n
439770	Ketoacidosis in type 1 diabetes mellitus	420270002	SNOMED	n
435216	Disorder due to type 1 diabetes mellitus	420868002	SNOMED	n
373999	Diabetic oculopathy associated with type 1 diabetes mellitus	421165007	SNOMED	n
318712	Peripheral circulatory disorder associated with type 1 diabetes mellitus	421365002	SNOMED	n
4228112	Hypoglycemic coma in type 1 diabetes mellitus	421437000	SNOMED	n
377821	Neurological disorder associated with type 1 diabetes mellitus	421468001	SNOMED	n
200687	Renal disorder associated with type 1 diabetes mellitus	421893009	SNOMED	n
443592	Hyperosmolality due to uncontrolled type 1 diabetes mellitus	428896009	SNOMED	n
40484648	Type 1 diabetes mellitus uncontrolled	444073006	SNOMED	n
201254	Type 1 diabetes mellitus	46635009	SNOMED	n

Type 1 Diabetes: Knowledge Engineered SNOMED Optimize				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
46269764	Skin ulcer of toe due to diabetes mellitus type 1	10656231000119100	SNOMED	y
45770902	Ulcer of lower limb due to type 1 diabetes mellitus	110141000119100	SNOMED	y
45757362	Hypoglycemic unawareness in type 1 diabetes mellitus	120711000119108	SNOMED	y
45757393	Hypertension concurrent and due to end stage renal disease on dialysis due to type 1 diabetes mellitus	128001000119105	SNOMED	y
45757432	Hyperlipidemia due to type 1 diabetes mellitus	137941000119106	SNOMED	y
43530660	Mixed hyperlipidemia due to type 1 diabetes mellitus	1571000119104	SNOMED	y
45757507	Foot ulcer due to type 1 diabetes mellitus	164881000119109	SNOMED	y
201531	Type 1 diabetes mellitus with hyperosmolar coma	190330002	SNOMED	y
4099214	Type 1 diabetes mellitus with ulcer	190368000	SNOMED	y
4096668	Type 1 diabetes mellitus with gangrene	190369008	SNOMED	y
4099215	Type 1 diabetes mellitus maturity onset	190372001	SNOMED	y
4063042	Pre-existing type 1 diabetes mellitus	199229001	SNOMED	y
4047906	Insulin dependent diabetes mellitus type 1A	23045005	SNOMED	y
4102018	Insulin dependent diabetes mellitus type 1B	28032008	SNOMED	y
45757674	Diabetes mellitus type 1 without retinopathy	31321000119102	SNOMED	y
443412	Type 1 diabetes mellitus without complication	313435000	SNOMED	y
4151281	Type 1 diabetes mellitus with hypoglycemic coma	314771006	SNOMED	y
4152858	Type 1 diabetes mellitus with arthropathy	314893005	SNOMED	y
37016348	Hyperglycemia due to type 1 diabetes mellitus	367991000119101	SNOMED	y
37016353	Dyslipidemia due to type 1 diabetes mellitus	368551000119104	SNOMED	y
439770	Ketoacidosis in type 1 diabetes mellitus	420270002	SNOMED	y

435216	Disorder due to type 1 diabetes mellitus	420868002	SNOMED	n
373999	Diabetic oculopathy associated with type 1 diabetes mellitus	421165007	SNOMED	y
318712	Peripheral circulatory disorder associated with type 1 diabetes mellitus	421365002	SNOMED	y
377821	Neurological disorder associated with type 1 diabetes mellitus	421468001	SNOMED	y
200687	Renal disorder associated with type 1 diabetes mellitus	421893009	SNOMED	y
4224709	Multiple complications of type 1 diabetes mellitus	422228004	SNOMED	y
4143689	Small vessel disease due to type 1 diabetes mellitus	426907004	SNOMED	y
443592	Hyperosmolality due to uncontrolled type 1 diabetes mellitus	428896009	SNOMED	y
40484648	Type 1 diabetes mellitus uncontrolled	444073006	SNOMED	y
201254	Type 1 diabetes mellitus	46635009	SNOMED	n
43531008	Pre-existing type 1 diabetes mellitus in pregnancy	609564002	SNOMED	y
43531009	Pregnancy and type 1 diabetes mellitus	609566000	SNOMED	y
45763585	Blindness due to type 1 diabetes mellitus	60991000119100	SNOMED	y
43531565	Diabetic erectile dysfunction associated with type 1 diabetes mellitus	691000119103	SNOMED	y
45766051	Type I diabetes mellitus in remission	703137001	SNOMED	y
37017429	Gastroparesis due to type 1 diabetes mellitus	713702000	SNOMED	y
45771067	Hypertension in chronic kidney disease due to type 1 diabetes mellitus	71701000119105	SNOMED	y
45769830	Neuropathic arthropathy due to type 1 diabetes mellitus	71771000119100	SNOMED	y
45769832	Diabetic dermopathy due to type 1 diabetes mellitus	72021000119109	SNOMED	y

45769833	Severe malnutrition due to type 1 diabetes mellitus	72031000119107	SNOMED	y
45769834	Osteomyelitis due to type 1 diabetes mellitus	72041000119103	SNOMED	y
36715571	Acidosis due to type 1 diabetes mellitus	721283000	SNOMED	y
45769837	Chronic ulcer of skin due to type 1 diabetes mellitus	72141000119104	SNOMED	y
36717215	Intellectual disability, craniofacial dysmorphism, hypogonadism, diabetes mellitus syndrome	722454003	SNOMED	y
45769876	Hypoglycemia due to type 1 diabetes mellitus	84371000119108	SNOMED	y
45769891	Ankle ulcer due to type 1 diabetes mellitus	87471000119106	SNOMED	y
45771068	Heel AND/OR midfoot ulcer due to type 1 diabetes mellitus	87481000119109	SNOMED	y
45769892	Forefoot ulcer due to type 1 diabetes mellitus	87491000119107	SNOMED	y
45773576	Chronic kidney disease stage 1 due to type 1 diabetes mellitus	90721000119101	SNOMED	y
45769901	Chronic kidney disease stage 2 due to type 1 diabetes mellitus	90731000119103	SNOMED	y
45771075	Chronic kidney disease stage 3 due to type 1 diabetes mellitus	90741000119107	SNOMED	y
45769902	Chronic kidney disease stage 4 due to type 1 diabetes mellitus	90751000119109	SNOMED	y
45769903	Chronic kidney disease stage 5 due to type 1 diabetes mellitus	90761000119106	SNOMED	y
45769904	End stage renal disease on dialysis due to type 1 diabetes mellitus	90771000119100	SNOMED	y
45773688	Chronic kidney disease due to type 1 diabetes mellitus	96441000119101	SNOMED	y

Type 2 Diabetes: Original ICD9 Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
44836914	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	250.00	ICD9CM	n
44836915	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	250.02	ICD9CM	n
44836916	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	250.20	ICD9CM	n
44824073	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	250.22	ICD9CM	n
44826460	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	250.30	ICD9CM	n
44832193	Diabetes with other coma, type II or unspecified type, uncontrolled	250.32	ICD9CM	n
44831045	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	250.40	ICD9CM	n
44832194	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	250.42	ICD9CM	n
44819500	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	250.50	ICD9CM	n
44829879	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	250.52	ICD9CM	n
44828795	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	250.60	ICD9CM	n

44833366	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled	250.62	ICD9CM	n
44827616	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	250.70	ICD9CM	n
44833367	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	250.72	ICD9CM	n
44831047	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	250.80	ICD9CM	n
44826461	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	250.82	ICD9CM	n
44827617	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	250.90	ICD9CM	n
44829882	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	250.92	ICD9CM	n

Type 2 Diabetes: Author-intent extension to Concept Set Gold Standard				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
45571656	Type 2 diabetes mellitus	E11	ICD10	n
45576441	Type 2 diabetes mellitus, with coma	E11.0	ICD10	n
45605400	Type 2 diabetes mellitus, with renal complications	E11.2	ICD10	n
45591028	Type 2 diabetes mellitus, with ophthalmic complications	E11.3	ICD10	n
45576442	Type 2 diabetes mellitus, with neurological complications	E11.4	ICD10	n
45557114	Type 2 diabetes mellitus, with peripheral circulatory complications	E11.5	ICD10	n
45552387	Type 2 diabetes mellitus, with other specified complications	E11.6	ICD10	n
45561950	Type 2 diabetes mellitus, with multiple complications	E11.7	ICD10	n
45561951	Type 2 diabetes mellitus, with unspecified complications	E11.8	ICD10	n
45561952	Type 2 diabetes mellitus, without complications	E11.9	ICD10	n
45534187	Diabetes mellitus in pregnancy: Pre-existing diabetes mellitus, non-insulin-dependent	O24.1	ICD10	n
1567956	Type 2 diabetes mellitus	E11	ICD10CM	n
1567957	Type 2 diabetes mellitus with hyperosmolarity	E11.0	ICD10CM	n
45542738	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)	E11.00	ICD10CM	n
45586139	Type 2 diabetes mellitus with hyperosmolarity with coma	E11.01	ICD10CM	n
1567958	Type 2 diabetes mellitus with kidney complications	E11.2	ICD10CM	n
45591027	Type 2 diabetes mellitus with diabetic nephropathy	E11.21	ICD10CM	n
45595797	Type 2 diabetes mellitus with diabetic chronic kidney disease	E11.22	ICD10CM	n

45605401	Type 2 diabetes mellitus with other diabetic kidney complication	E11.29	ICD10CM	n
1567959	Type 2 diabetes mellitus with ophthalmic complications	E11.3	ICD10CM	n
1567960	Type 2 diabetes mellitus with unspecified diabetic retinopathy	E11.31	ICD10CM	n
45581352	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema	E11.311	ICD10CM	n
45581353	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema	E11.319	ICD10CM	n
1567961	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy	E11.32	ICD10CM	n
45552385	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema	E11.321	ICD10CM	n
	..... right eye	E11.3211	ICD10CM	n
	..... left eye	E11.3212	ICD10CM	n
	..... bilateral	E11.3213	ICD10CM	n
	..... unspecified eye	E11.3219	ICD10CM	n
45581354	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema	E11.329	ICD10CM	n
	..... right eye	E11.3291	ICD10CM	n
	..... left eye	E11.3292	ICD10CM	n
	..... bilateral	E11.3293	ICD10CM	n
	..... unspecified eye	E11.3299	ICD10CM	n
1567962	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy	E11.33	ICD10CM	n
45537961	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema	E11.331	ICD10CM	n

	..... right eye	E11.3311	ICD10CM	n
	..... left eye	E11.3312	ICD10CM	n
	..... bilateral	E11.3313	ICD10CM	n
	..... unspecified eye	E11.3319	ICD10CM	n
45591029	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema	E11.339	ICD10CM	n
	..... right eye	E11.3391	ICD10CM	n
	..... left eye	E11.3392	ICD10CM	n
	..... bilateral	E11.3393	ICD10CM	n
	..... unspecified eye	E11.3399	ICD10CM	n
1567963	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy	E11.34	ICD10CM	n
45557112	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema	E11.341	ICD10CM	n
	..... right eye	E11.3411	ICD10CM	n
	..... left eye	E11.3412	ICD10CM	n
	..... bilateral	E11.3413	ICD10CM	n
	..... unspecified eye	E11.3419	ICD10CM	n
45605402	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema	E11.349	ICD10CM	n
	..... right eye	E11.3491	ICD10CM	n
	..... left eye	E11.3492	ICD10CM	n
	..... bilateral	E11.3493	ICD10CM	n
	..... unspecified eye	E11.3499	ICD10CM	n
1567964	Type 2 diabetes mellitus with proliferative diabetic retinopathy	E11.35	ICD10CM	n
45591030	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema	E11.351	ICD10CM	n
	..... right eye	E11.3511	ICD10CM	n
	..... left eye	E11.3512	ICD10CM	n
	..... bilateral	E11.3513	ICD10CM	n

	..... unspecified eye	E11.3519	ICD10CM	n
	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula	E11.352	ICD10CM	n
	..... right eye	E11.3521	ICD10CM	n
	..... left eye	E11.3522	ICD10CM	n
	..... bilateral	E11.3523	ICD10CM	n
	..... unspecified eye	E11.3529	ICD10CM	n
	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula	E11.353	ICD10CM	n
	..... right eye	E11.3531	ICD10CM	n
	..... left eye	E11.3532	ICD10CM	n
	..... bilateral	E11.3533	ICD10CM	n
	..... unspecified eye	E11.3539	ICD10CM	n
	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment	E11.354	ICD10CM	n
	..... right eye	E11.3541	ICD10CM	n
	..... left eye	E11.3542	ICD10CM	n
	..... bilateral	E11.3543	ICD10CM	n
	..... unspecified eye	E11.3549	ICD10CM	n
	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy	E11.355	ICD10CM	n
	..... right eye	E11.3551	ICD10CM	n
	..... left eye	E11.3552	ICD10CM	n
	..... bilateral	E11.3553	ICD10CM	n
	..... unspecified eye	E11.3559	ICD10CM	n
45552386	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema	E11.359	ICD10CM	n
	..... right eye	E11.3591	ICD10CM	n
	..... left eye	E11.3592	ICD10CM	n
	..... bilateral	E11.3593	ICD10CM	n
	..... unspecified eye	E11.3599	ICD10CM	n

45595798	Type 2 diabetes mellitus with diabetic cataract	E11.36	ICD10CM	n
	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment	E11.37	ICD10CM	n
	..... right eye	E11.37X1	ICD10CM	n
	..... left eye	E11.37X2	ICD10CM	n
	..... bilateral	E11.37X3	ICD10CM	n
	..... unspecified eye	E11.37X9	ICD10CM	n
45533019	Type 2 diabetes mellitus with other diabetic ophthalmic complication	E11.39	ICD10CM	n
1567965	Type 2 diabetes mellitus with neurological complications	E11.4	ICD10CM	n
45605403	Type 2 diabetes mellitus with diabetic neuropathy, unspecified	E11.40	ICD10CM	n
45547625	Type 2 diabetes mellitus with diabetic mononeuropathy	E11.41	ICD10CM	n
45557113	Type 2 diabetes mellitus with diabetic polyneuropathy	E11.42	ICD10CM	n
45537962	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy	E11.43	ICD10CM	n
45533020	Type 2 diabetes mellitus with diabetic amyotrophy	E11.44	ICD10CM	n
45605404	Type 2 diabetes mellitus with other diabetic neurological complication	E11.49	ICD10CM	n
1567966	Type 2 diabetes mellitus with circulatory complications	E11.5	ICD10CM	n
45533021	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene	E11.51	ICD10CM	n
45533022	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene	E11.52	ICD10CM	n

45576443	Type 2 diabetes mellitus with other circulatory complications	E11.59	ICD10CM	n
1567967	Type 2 diabetes mellitus with other specified complications	E11.6	ICD10CM	n
1567968	Type 2 diabetes mellitus with diabetic arthropathy	E11.61	ICD10CM	n
45600641	Type 2 diabetes mellitus with diabetic neuropathic arthropathy	E11.610	ICD10CM	n
45586140	Type 2 diabetes mellitus with other diabetic arthropathy	E11.618	ICD10CM	n
1567969	Type 2 diabetes mellitus with skin complications	E11.62	ICD10CM	n
45547626	Type 2 diabetes mellitus with diabetic dermatitis	E11.620	ICD10CM	n
45581355	Type 2 diabetes mellitus with foot ulcer	E11.621	ICD10CM	n
45600642	Type 2 diabetes mellitus with other skin ulcer	E11.622	ICD10CM	n
45547627	Type 2 diabetes mellitus with other skin complications	E11.628	ICD10CM	n
1567970	Type 2 diabetes mellitus with oral complications	E11.63	ICD10CM	n
45533023	Type 2 diabetes mellitus with periodontal disease	E11.630	ICD10CM	n
45566731	Type 2 diabetes mellitus with other oral complications	E11.638	ICD10CM	n
1567971	Type 2 diabetes mellitus with hypoglycemia	E11.64	ICD10CM	n
45561949	Type 2 diabetes mellitus with hypoglycemia with coma	E11.641	ICD10CM	n
45591031	Type 2 diabetes mellitus with hypoglycemia without coma	E11.649	ICD10CM	n
45605405	Type 2 diabetes mellitus with hyperglycemia	E11.65	ICD10CM	n
45595799	Type 2 diabetes mellitus with other specified complication	E11.69	ICD10CM	n

35206881	Type 2 diabetes mellitus with unspecified complications	E11.8	ICD10CM	n
35206882	Type 2 diabetes mellitus without complications	E11.9	ICD10CM	n
1571686	Pre-existing diabetes mellitus, type 2, in pregnancy, childbirth and the puerperium	O24.1	ICD10CM	n
1571687	Pre-existing diabetes mellitus, type 2, in pregnancy	O24.11	ICD10CM	n
45587292	Pre-existing diabetes mellitus, type 2, in pregnancy, first trimester	O24.111	ICD10CM	n
45582457	Pre-existing diabetes mellitus, type 2, in pregnancy, second trimester	O24.112	ICD10CM	n
45567896	Pre-existing diabetes mellitus, type 2, in pregnancy, third trimester	O24.113	ICD10CM	n
45606547	Pre-existing diabetes mellitus, type 2, in pregnancy, unspecified trimester	O24.119	ICD10CM	n
45587293	Pre-existing diabetes mellitus, type 2, in childbirth	O24.12	ICD10CM	n
45582458	Pre-existing diabetes mellitus, type 2, in the puerperium	O24.13	ICD10CM	n
44836914	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	250.00	ICD9CM	n
44836915	Diabetes mellitus without mention of complication, type II or unspecified type, uncontrolled	250.02	ICD9CM	n
44836916	Diabetes with hyperosmolarity, type II or unspecified type, not stated as uncontrolled	250.20	ICD9CM	n

44824073	Diabetes with hyperosmolarity, type II or unspecified type, uncontrolled	250.22	ICD9CM	n
44826460	Diabetes with other coma, type II or unspecified type, not stated as uncontrolled	250.30	ICD9CM	n
44832193	Diabetes with other coma, type II or unspecified type, uncontrolled	250.32	ICD9CM	n
44831045	Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled	250.40	ICD9CM	n
44832194	Diabetes with renal manifestations, type II or unspecified type, uncontrolled	250.42	ICD9CM	n
44819500	Diabetes with ophthalmic manifestations, type II or unspecified type, not stated as uncontrolled	250.50	ICD9CM	n
44829879	Diabetes with ophthalmic manifestations, type II or unspecified type, uncontrolled	250.52	ICD9CM	n
44828795	Diabetes with neurological manifestations, type II or unspecified type, not stated as uncontrolled	250.60	ICD9CM	n
44833366	Diabetes with neurological manifestations, type II or unspecified type, uncontrolled	250.62	ICD9CM	n
44827616	Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled	250.70	ICD9CM	n
44833367	Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled	250.72	ICD9CM	n

44831047	Diabetes with other specified manifestations, type II or unspecified type, not stated as uncontrolled	250.80	ICD9CM	n
44826461	Diabetes with other specified manifestations, type II or unspecified type, uncontrolled	250.82	ICD9CM	n
44827617	Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled	250.90	ICD9CM	n
44829882	Diabetes with unspecified complication, type II or unspecified type, uncontrolled	250.92	ICD9CM	n
36712670	Ulcer of skin co-occurrent and due to type II diabetes mellitus	102621000119101	SNOMED	n
45757075	Retinal ischemia due to type 2 diabetes mellitus	104961000119108	SNOMED	n
46274058	Skin ulcer of toe due to diabetes mellitus type 2	10656271000119102	SNOMED	n
36712686	Ulcer of left foot co-occurrent and due to diabetes mellitus type 2	10660471000119109	SNOMED	n
36712687	Ulcer of right foot co-occurrent and due to diabetes mellitus type 2	10661671000119102	SNOMED	n
45757255	Neuropathic ulcer of midfoot AND/OR heel due to type 2 diabetes mellitus	108781000119105	SNOMED	n
45757277	Ulcer of lower extremity due to type 2 diabetes mellitus	110171000119107	SNOMED	n
45757278	Peripheral sensory neuropathy due to type 2 diabetes mellitus	110181000119105	SNOMED	n
45757280	Dyslipidemia with high density lipoprotein below reference range and triglyceride above reference range due to type 2 diabetes mellitus	111231000119109	SNOMED	n

45772060	Hypoglycemia unawareness in type 2 diabetes mellitus	119831000119106	SNOMED	n
45757363	Hypoglycemia due to type 2 diabetes mellitus	120731000119103	SNOMED	n
45757392	Hypertension concurrent and due to end stage renal disease on dialysis due to type 2 diabetes mellitus	127991000119101	SNOMED	n
37016163	Complication due to diabetes mellitus type 2	12811000119100	SNOMED	n
45770880	Hyperlipidemia due to type 2 diabetes mellitus	137931000119102	SNOMED	n
45757435	Mild nonproliferative retinopathy due to type 2 diabetes mellitus	138911000119106	SNOMED	n
45770881	Moderate nonproliferative retinopathy due to type 2 diabetes mellitus	138921000119104	SNOMED	n
45757444	Hypertension in chronic kidney disease stage 5 due to type 2 diabetes mellitus	140101000119109	SNOMED	n
45757445	Hypertension in chronic kidney disease stage 4 due to type 2 diabetes mellitus	140111000119107	SNOMED	n
45757446	Hypertension in chronic kidney disease stage 3 due to type 2 diabetes mellitus	140121000119100	SNOMED	n
45757447	Hypertension in chronic kidney disease stage 2 due to type 2 diabetes mellitus	140131000119102	SNOMED	n
45770883	Neuropathic toe ulcer due to type 2 diabetes mellitus	140381000119104	SNOMED	n
45757449	Ulcer of toe due to type 2 diabetes mellitus	140391000119101	SNOMED	n
45771072	Ischemic foot ulcer due to type 2 diabetes mellitus	140521000119107	SNOMED	n
45757450	Neuropathic foot ulcer due to type 2 diabetes mellitus	140531000119105	SNOMED	n
45757474	Diabetes mellitus type 2 without retinopathy	1481000119100	SNOMED	n
43531608	Diabetic vitreous hemorrhage associated with type 2 diabetes mellitus	1491000119102	SNOMED	n

43530685	Proliferative diabetic retinopathy due to type 2 diabetes mellitus	1501000119109	SNOMED	n
43530689	Diabetic peripheral neuropathy associated with type 2 diabetes mellitus	1511000119107	SNOMED	n
43530690	Foot ulcer due to type 2 diabetes mellitus	1521000119100	SNOMED	n
43531616	Diabetic dermopathy associated with diabetes mellitus type 2	1531000119102	SNOMED	n
43530656	Nonproliferative diabetic retinopathy due to type 2 diabetes mellitus	1551000119108	SNOMED	n
45757499	Proteinuria due to type 2 diabetes mellitus	157141000119108	SNOMED	n
201530	Type 2 diabetes mellitus with hyperosmolar coma	190331003	SNOMED	n
4099216	Type 2 diabetes mellitus with multiple complications	190388001	SNOMED	n
4099651	Type 2 diabetes mellitus with ulcer	190389009	SNOMED	n
4099217	Type 2 diabetes mellitus with gangrene	190390000	SNOMED	n
4063043	Pre-existing type 2 diabetes mellitus	199230006	SNOMED	n
43531597	Disorder associated with well controlled type 2 diabetes mellitus	201000119106	SNOMED	n
4130162	Insulin treated type 2 diabetes mellitus	237599002	SNOMED	n
4129519	Pregnancy and type 2 diabetes mellitus	237627000	SNOMED	n
45770928	Retinal edema due to type 2 diabetes mellitus	28331000119107	SNOMED	n
4193704	Type 2 diabetes mellitus without complication	313436004	SNOMED	n
4200875	Type 2 diabetes mellitus with peripheral angiopathy	314902007	SNOMED	n
4196141	Type 2 diabetes mellitus with arthropathy	314903002	SNOMED	n
4198296	Type 2 diabetes mellitus with neuropathic arthropathy	314904008	SNOMED	n

4230254	Type 2 diabetes mellitus in nonobese	359642000	SNOMED	n
37016349	Hyperglycemia due to type 2 diabetes mellitus	368051000119109	SNOMED	n
37016354	Neuropathy due to type 2 diabetes mellitus	368581000119106	SNOMED	n
37018912	Cheiropathy due to type 2 diabetes mellitus	368591000119109	SNOMED	n
45772019	Glaucoma due to type 2 diabetes mellitus	41911000119107	SNOMED	n
443731	Renal disorder due to type 2 diabetes mellitus	420279001	SNOMED	n
4222415	Mononeuropathy associated with type 2 diabetes mellitus	420436000	SNOMED	n
4221495	Diabetic cataract associated with type 2 diabetes mellitus	420756003	SNOMED	n
376065	Neurologic disorder associated with type 2 diabetes mellitus	421326000	SNOMED	n
4223463	Exudative maculopathy associated with type 2 diabetes mellitus	421779007	SNOMED	n
443732	Disorder due to type 2 diabetes mellitus	422014003	SNOMED	n
4226121	Diabetic retinopathy associated with type 2 diabetes mellitus	422034002	SNOMED	n
443733	Diabetic oculopathy associated with type 2 diabetes mellitus	422099009	SNOMED	n
443729	Peripheral circulatory disorder associated with type 2 diabetes mellitus	422166005	SNOMED	n
4140466	Amyotrophy due to type 2 diabetes mellitus	427027005	SNOMED	n
4142579	Small vessel disease due to type 2 diabetes mellitus	427134009	SNOMED	n
4177050	Erectile dysfunction associated with type 2 diabetes mellitus	428007007	SNOMED	n
201826	Type 2 diabetes mellitus	44054006	SNOMED	n
40482801	Type II diabetes mellitus uncontrolled	443694000	SNOMED	n

45763582	Blindness due to type 2 diabetes mellitus	60951000119105	SNOMED	n
43531010	Pre-existing type 2 diabetes mellitus in pregnancy	609567009	SNOMED	n
43531651	Mixed hyperlipidemia due to type 2 diabetes mellitus	701000119103	SNOMED	n
45766052	Type II diabetes mellitus in remission	703138006	SNOMED	n
43531562	Chronic kidney disease stage 5 due to type 2 diabetes mellitus	711000119100	SNOMED	n
37016768	Diabetic autonomic neuropathy due to type 2 diabetes mellitus	712883005	SNOMED	n
37018728	Gastroparesis due to type 2 diabetes mellitus	713703005	SNOMED	n
37017432	Polyneuropathy due to type 2 diabetes mellitus	713706002	SNOMED	n
45771064	Hypertension in chronic kidney disease due to type 2 diabetes mellitus	71421000119105	SNOMED	n
45769828	Nephrotic syndrome due to type 2 diabetes mellitus	71441000119104	SNOMED	n
36714116	Hypoglycaemic coma co-occurrent and due to diabetes mellitus type II	719216001	SNOMED	n
45769835	Severe malnutrition due to type 2 diabetes mellitus	72051000119101	SNOMED	n
45769836	Osteomyelitis due to type 2 diabetes mellitus	72061000119104	SNOMED	n
43531577	Chronic kidney disease stage 4 due to type 2 diabetes mellitus	721000119107	SNOMED	n
43531653	Chronic kidney disease stage 3 due to type 2 diabetes mellitus	731000119105	SNOMED	n
43531566	Chronic kidney disease stage 2 due to type 2 diabetes mellitus	741000119101	SNOMED	n
43531559	Chronic kidney disease stage 1 due to type 2 diabetes mellitus	751000119104	SNOMED	n
43531564	Diabetic dyslipidemia associated with type 2 diabetes mellitus	761000119102	SNOMED	n

43531578	Chronic kidney disease due to type 2 diabetes mellitus	771000119108	SNOMED	n
43531588	Angina associated with type 2 diabetes mellitus	791000119109	SNOMED	n
4304377	Type 2 diabetes mellitus in obese	81531005	SNOMED	n
45773064	Traction retinal detachment due to type 2 diabetes mellitus	82541000119100	SNOMED	n
45769872	Rubeosis iridis due to type 2 diabetes mellitus	82551000119103	SNOMED	n
45769875	Insulin reactive hypoglycemia in type 2 diabetes mellitus	84361000119102	SNOMED	n
45769888	Ankle ulcer due to type 2 diabetes mellitus	87441000119104	SNOMED	n
45769889	Heel AND/OR midfoot ulcer due to type 2 diabetes mellitus	87451000119102	SNOMED	n
45769890	Forefoot ulcer due to type 2 diabetes mellitus	87461000119100	SNOMED	n
45769894	Cranial nerve palsy due to type 2 diabetes mellitus	87921000119104	SNOMED	n
45769905	Microalbuminuria due to type 2 diabetes mellitus	90781000119102	SNOMED	n
45769906	End stage renal disease on dialysis due to type 2 diabetes mellitus	90791000119104	SNOMED	n
45770830	Macular edema and retinopathy due to type 2 diabetes mellitus	97331000119101	SNOMED	n
45770831	Proliferative retinopathy with retinal edema due to type 2 diabetes mellitus	97341000119105	SNOMED	n
45770832	Stasis ulcer due to type 2 diabetes mellitus	97621000119107	SNOMED	n
4321756	Type 2 diabetes mellitus with acanthosis nigricans	9859006	SNOMED	n

Type 2 Diabetes: Knowledge Engineered SNOMED Mimic				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
201530	Type 2 diabetes mellitus with hyperosmolar coma	190331003	SNOMED	n
443731	Renal disorder due to type 2 diabetes mellitus	420279001	SNOMED	n
376065	Neurologic disorder associated with type 2 diabetes mellitus	421326000	SNOMED	n
443732	Disorder due to type 2 diabetes mellitus	422014003	SNOMED	n
443733	Diabetic oculopathy associated with type 2 diabetes mellitus	422099009	SNOMED	n
443729	Peripheral circulatory disorder associated with type 2 diabetes mellitus	422166005	SNOMED	n
201826	Type 2 diabetes mellitus	44054006	SNOMED	n
40482801	Type II diabetes mellitus uncontrolled	443694000	SNOMED	n
443767	Diabetic oculopathy	25093002	SNOMED	n

Type 2 Diabetes: Knowledge Engineered SNOMED Optimize				
concept_id	concept_name	concept_code	vocabulary_id	include_desc
36712670	Ulcer of skin co-occurrent and due to type II diabetes mellitus	102621000119101	SNOMED	y
45757277	Ulcer of lower extremity due to type 2 diabetes mellitus	110171000119107	SNOMED	y
45757363	Hypoglycemia due to type 2 diabetes mellitus	120731000119103	SNOMED	y
37016163	Complication due to diabetes mellitus type 2	12811000119100	SNOMED	y
45770880	Hyperlipidemia due to type 2 diabetes mellitus	137931000119102	SNOMED	y
45757449	Ulcer of toe due to type 2 diabetes mellitus	140391000119101	SNOMED	y
43531608	Diabetic vitreous hemorrhage associated with type 2 diabetes mellitus	1491000119102	SNOMED	y
43530689	Diabetic peripheral neuropathy associated with type 2 diabetes mellitus	1511000119107	SNOMED	y
43531616	Diabetic dermopathy associated with diabetes mellitus type 2	1531000119102	SNOMED	y
4099216	Type 2 diabetes mellitus with multiple complications	190388001	SNOMED	y
43531597	Disorder associated with well controlled type 2 diabetes mellitus	201000119106	SNOMED	y
443767	Diabetic oculopathy	25093002	SNOMED	n
37016349	Hyperglycemia due to type 2 diabetes mellitus	368051000119109	SNOMED	y
37016354	Neuropathy due to type 2 diabetes mellitus	368581000119106	SNOMED	y
37018912	Cheirography due to type 2 diabetes mellitus	368591000119109	SNOMED	y
443731	Renal disorder due to type 2 diabetes mellitus	420279001	SNOMED	y
4222415	Mononeuropathy associated with type 2 diabetes mellitus	420436000	SNOMED	y
376065	Neurologic disorder associated with type 2 diabetes mellitus	421326000	SNOMED	n
443732	Disorder due to type 2 diabetes mellitus	422014003	SNOMED	n

4226121	Diabetic retinopathy associated with type 2 diabetes mellitus	422034002	SNOMED	y
443733	Diabetic oculopathy associated with type 2 diabetes mellitus	422099009	SNOMED	y
443729	Peripheral circulatory disorder associated with type 2 diabetes mellitus	422166005	SNOMED	y
4142579	Small vessel disease due to type 2 diabetes mellitus	427134009	SNOMED	y
4177050	Erectile dysfunction associated with type 2 diabetes mellitus	428007007	SNOMED	y
201826	Type 2 diabetes mellitus	44054006	SNOMED	y
40482801	Type II diabetes mellitus uncontrolled	443694000	SNOMED	y
45763582	Blindness due to type 2 diabetes mellitus	60951000119105	SNOMED	y
43531651	Mixed hyperlipidemia due to type 2 diabetes mellitus	701000119103	SNOMED	y
37018728	Gastroparesis due to type 2 diabetes mellitus	713703005	SNOMED	y
45769835	Severe malnutrition due to type 2 diabetes mellitus	72051000119101	SNOMED	y
45769836	Osteomyelitis due to type 2 diabetes mellitus	72061000119104	SNOMED	y
43531564	Diabetic dyslipidemia associated with type 2 diabetes mellitus	761000119102	SNOMED	y
43531578	Chronic kidney disease due to type 2 diabetes mellitus	771000119108	SNOMED	y
43531588	Angina associated with type 2 diabetes mellitus	791000119109	SNOMED	y
45769906	End stage renal disease on dialysis due to type 2 diabetes mellitus	90791000119104	SNOMED	y