EXHIBIT A: SNOMED CT ERA SUBSET VERSION 1.00 (2018-07-31)

CONCEPT ID	FULLY SPECIFIED NAME
290006	Melnick-Fraser syndrome (disorder)
1776003	Renal tubular acidosis (disorder)
2900003	Hyperplasia of renal artery (disorder)
3321001	Renal abscess (disorder)
3704008	Diffuse endocapillary proliferative glomerulonephritis (disorder)
5187006	Prune belly syndrome (disorder)
7199000	Tuberous sclerosis syndrome (disorder)
7725007	Radiation nephritis (disorder)
10406007	Lesch-Nyhan syndrome (disorder)
14669001	Acute renal failure syndrome (disorder)
15689008	Pseudohypoaldosteronism, type 2 (disorder)
15842009	Thrombosis of renal vein (disorder)
17901006	Primary hyperoxaluria (disorder)
18417009	Oligomeganephronic hypoplasia of kidney (disorder)
23132008	Amyloid light-chain amyloidosis (disorder)
23697004	Crush syndrome (disorder)
24750000	Townes syndrome (disorder)
24790002	Proximal renal tubular acidosis (disorder)
28770003	Polycystic kidney disease, infantile type (disorder)
29738008	Proteinuria (finding)
31742004	Arteriohepatic dysplasia (disorder)
33763006	Hypercalcemic nephropathy (disorder)
35546006	Mesangial proliferative glomerulonephritis (disorder)
35759001	Ribose-phosphate pyrophosphokinase overactivity (disorder)
36171008	Glomerulonephritis (disorder)
36689008	Acute pyelonephritis (disorder)
37497004	Enteric hyperoxaluria (disorder)
38898003	Xanthogranulomatous pyelonephritis (disorder)
40733004	Infectious disease (disorder)
40951006	Primary hyperoxaluria, type II (disorder)
41729002	Horseshoe kidney (disorder)
42399005	Renal failure syndrome (disorder)
43941006	Pseudohypoaldosteronism, type 1 (disorder)
44323002	Tuberculosis of kidney (disorder)
45582004	Rubinstein-Taybi syndrome (disorder)
46659004	Von Hippel-Lindau syndrome (disorder)
46785007	Familial juvenile gout (disorder)
48713002	Amyloid nephropathy (disorder)
48796009	Congenital nephrotic syndrome (disorder)
49120005	Retroperitoneal fibrosis (disorder)
50581000	Goodpasture's syndrome (disorder)
51292008	Hepatorenal syndrome (disorder)
52254009	Nephrotic syndrome (disorder)
53298000	Hematuria syndrome (disorder)
59479006	Mesangiocapillary glomerulonephritis, type II (disorder)
61758007	Exstrophy of bladder sequence (disorder)
63247009	Williams syndrome (disorder)

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CONCEPT ID	FULLY SPECIFIED NAME
65520001	Primary hyperoxaluria, type I (disorder)
73305009	Fibrillary glomerulonephritis (disorder)
75888001	Mesangiocapillary glomerulonephritis, type I (disorder)
77377001	Leptospirosis (disorder)
78129009	Thrombotic thrombocytopenic purpura (disorder)
79385002	Lowe syndrome (disorder)
80640009	Perirenal abscess (disorder)
80710001	Primary hypomagnesemia (disorder)
82236004	Familial x-linked hypophosphatemic vitamin D refractory rickets (disorder)
83866005	Focal AND segmental proliferative glomerulonephritis (disorder)
85020001	Cystinuria (disorder)
90241004	Papillary necrosis (disorder)
90505000	Autosomal recessive hypophosphatemic vitamin D refractory rickets (disorder)
90688005	Chronic renal failure syndrome (disorder)
95566004	Urolithiasis (disorder)
102455002	Hemorrhagic nephroso-nephritis (disorder)
111395007	Nephrogenic diabetes insipidus (disorder)
111407006	Hemolytic uremic syndrome (disorder)
124274002	Deficiency of adenine phosphoribosyltransferase (disorder)
126880001	Neoplasm of kidney (disorder)
155441006	Polyarteritis nodosa (disorder)
190681003	Cystinosis (disorder)
190919008	Xanthinuria (disorder)
197744007	Renal tubulo-interstitial disorders in metabolic diseases (disorder)
197764002	Non-obstructive reflux-associated chronic pyelonephritis (disorder)
197808006	Idiopathic retroperitoneal fibrosis (disorder)
204949001	Renal dysplasia (disorder)
204958008	Nephronophthisis (disorder)
226309007	Familial renal glucosuria (disorder)
232059000	Laurence-Moon syndrome (disorder)
236015007	Drug-induced retroperitoneal fibrosis (disorder)
236017004	Malignant retroperitoneal fibrosis (disorder)
236384008	Congenital nephrotic syndrome with focal glomerulosclerosis (disorder)
236385009	Drash syndrome (disorder)
236398000	Crescentic glomerulonephritis (disorder)
236403004	Focal segmental glomerulosclerosis (disorder)
236409000	Mesangiocapillary glomerulonephritis type III (disorder)
236411009	Immunoglobulin M nephropathy (disorder)
236418003	Thin basement membrane disease (disorder)
236419006	Progressive hereditary glomerulonephritis without deafness (disorder)
236421001	Benign familial hematuria (disorder)
236428007	Nephrotoxic acute renal failure (disorder)
236439005	Cystic disease of kidney (disorder)
236443009	Medullary sponge kidney (disorder)
236461000	Distal renal tubular acidosis (disorder)
236466005	Congenital Fanconi syndrome (disorder)
236488005	Renal artery occlusion (disorder)

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CONCEPT ID	FULLY SPECIFIED NAME
236506009	Goodpasture's disease (disorder)
236513009	Lymphoma of kidney (disorder)
236527004	Nail patella-like renal disease (disorder)
236706006	Urinary schistosomiasis (disorder)
237604008	Maturity onset diabetes of the young, type 2 (disorder)
237743003	Glucocorticoid-suppressible hyperaldosteronism (disorder)
237770005	Syndrome of apparent mineralocorticoid excess (disorder)
237885008	Familial hypocalciuric hypercalcemia (disorder)
239928004	Microscopic polyarteritis nodosa (disorder)
240096000	Mitochondrial cytopathy (disorder)
249582007	Absent kidney (finding)
253864004	Familial hypoplastic, glomerulocystic kidney (disorder)
253878003	Adult type polycystic kidney disease type 1 (disorder)
253879006	Adult type polycystic kidney disease type 2 (disorder)
253900005	Congenital posterior urethral valves (disorder)
253904001	Megacystis-megaureter syndrome (disorder)
254915003	Clear cell carcinoma of kidney (disorder)
267441009	Uric acid urolithiasis (disorder)
274945004	Amyloid A amyloidosis (disorder)
302233006	Renal artery stenosis (disorder)
302849000	Nephroblastoma (disorder)
307604008	Mesoblastic nephroma (disorder)
373420004	Upshaw-Schulman syndrome (disorder)
373421000	Diarrhea-associated hemolytic uremic syndrome (disorder)
373422007	Diarrhea-negative hemolytic uremic syndrome (disorder)
373584008	Congenital pelviureteric junction obstruction (disorder)
373585009	Congenital ureterovesical obstruction (disorder)
373604002	Light chain deposition disease (disorder)
408642003	Transitional cell carcinoma of kidney (disorder)
444558002	Infantile nephronophthisis (disorder)
444645005	Dent's disease (disorder)
444690001	Magnesium ammonium phosphate urolithiasis (disorder)
444717006	Calcium oxalate urolithiasis (disorder)
444749006	Adolescent nephronophthisis (disorder)
444794000	Acute necrosis of cortex of kidney (disorder)
444830001	Juvenile nephronophthisis (disorder)
444976001	Congenital hemolytic uremic syndrome (disorder)
445108007	Age related reduction of renal function (finding)
445119005	Steroid sensitive nephrotic syndrome of childhood (disorder)
445236007	Cardiorenal syndrome (disorder)
445387007	Congenital neurogenic urinary bladder (finding)
445431000	Frasier syndrome (disorder)
446449009	Renal coloboma syndrome (disorder)
446989009	Nephronophthisis type 4 (disorder)
446991001	Nephronophthisis type 5 (disorder)
447335007	Nephronophthisis type 6 (disorder)
449820008	Steroid resistant nephrotic syndrome of childhood (disorder)

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CONCEPT ID	FULLY SPECIFIED NAME
609572000	Maturity-onset diabetes of the young, type 5 (disorder)
698757009	Nephropathy due to acquired urinary tract obstruction (disorder)
698953004	Inherited aminoaciduria (disorder)
705065000	Childhood nephrotic syndrome (disorder)
707208009	Familial non-obstructive reflux-associated chronic pyelonephritis (disorder)
707742001	Bartter syndrome (disorder)
707747007	Pseudoprimary hyperaldosteronism (disorder)
707756004	Gitelman syndrome (disorder)
710571007	Renal dysplasia due to fetal exposure to angiotensin converting enzyme inhibitor (disorder)
711152006	Autosomal dominant hypocalcemia (disorder)
713887002	Focal segmental glomerulosclerosis co-occurrent with human immunodeficiency virus infection (disorder)
722077007	Renal papillary necrosis caused by analgesic drug (disorder)
722078002	Obstructive nephropathy due to neurogenic bladder (disorder)
722081007	Obstructive nephropathy due to carcinoma of prostate (disorder)
722082000	Obstructive nephropathy due to benign prostatic hyperplasia (disorder)
722085003	Renal papillary necrosis due to sickle cell disease (disorder)
722086002	Membranous glomerulonephritis due to malignant neoplastic disease (disorder)
722088001	Obstructive nephropathy due to malignancy (disorder)
722089009	Obstructive nephropathy due to bladder cancer (disorder)
722095005	Acute kidney injury due to circulatory failure (disorder)
722096006	Acute kidney injury due to hypovolemia (disorder)
722098007	Chronic kidney disease following donor nephrectomy (disorder)
722118005	Congenital nephrotic syndrome due to congenital infection (disorder)
722119002	Idiopathic membranous glomerulonephritis (disorder)
722120008	Membranous glomerulonephritis caused by drug (disorder)
722139003	Focal segmental glomerulosclerosis caused by lithium (disorder)
722147003	Focal segmental glomerulosclerosis due to sickle cell disease (disorder)
722149000	Chronic kidney disease following excision of renal neoplasm (disorder)
722150000	Chronic kidney disease due to systemic infection (disorder)
722168002	Membranous glomerulonephritis co-occurrent with infectious disease (disorder)
722278006	Acute kidney injury due to sepsis (disorder)
722369003	Congenital nephrotic syndrome due to diffuse mesangial sclerosis (disorder)
722467000	Chronic kidney disease due to traumatic loss of kidney (disorder)
722468005	Distal renal tubular acidosis co-occurrent with sensorineural deafness (disorder)
722721004	Familial hemolytic uremic syndrome (disorder)
723074006	Renal papillary necrosis due to diabetes mellitus (disorder)
723373006	Uromodulin related autosomal dominant tubulointerstitial kidney disease (disorder)
726017001	Mucin 1 related autosomal dominant tubulointerstitial kidney disease (disorder)
734990008	Primary hyperoxaluria type III (disorder)
736992003	Nephropathy following pre-eclampsia (disorder)
736993008	Nephropathy following eclampsia (disorder)
737562008	Multicystic renal dysplasia (disorder)
765330003	Autosomal dominant polycystic kidney disease (disorder)

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