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Supplementary Table 1. Characteristics of the single center cohort for the pilot EHR review to determine data elements for inclusion in the computable phenotype

N	231
Age in years at earliest visit during 9-month study period, median (IQR)	12 (6, 16)
Male, N (%)	108 (47%)
# of visits	569
# of visits per patient, median (IQR)	2 (1, 3)
On any of the following during the study period:	
Angiotensin converting enzyme inhibitor or angiotensin receptor blocker	116 (50%)
Glucocorticoid	99 (43%)
Calcineurin inhibitor	38 (16%)
Other immunomodulator	7 (3%)

Supplementary Table 2. SNOMED CT codes indicative of primarily nephrotic versus nephritic conditions

SNOMED OMOP ID	SNOMED code	SNOMED NAME	Flag
192364	197603000	Nephrotic syndrome associated with another disorder	Nephrotic
252365	77182004	Membranous glomerulonephritis	Nephrotic
199071	266549004	Nephrotic syndrome with minimal change glomerulonephritis	Nephrotic
4056346	197593004	Nephrotic syndrome, minor glomerular abnormality	Nephrotic
4030513	236403004	Focal segmental glomerulosclerosis	Nephrotic
194405	197590001	Nephrotic syndrome with membranous glomerulonephritis	Nephrotic
4008560	111406002	Diffuse mesangial sclerosis	Nephrotic
4058840	197594005	Nephrotic syndrome, focal and segmental glomerular lesions	Nephrotic
4128055	236381000	Steroid-resistant nephrotic syndrome	Nephrotic
197319	197589005	Nephrotic syndrome with proliferative glomerulonephritis	Nephrotic
195314	52254009	Nephrotic syndrome	Nephrotic
4260398	44785005	Minimal change disease	Nephrotic
4172011	48796009	Congenital nephrotic syndrome	Nephrotic
4027120	197598008	Nephrotic syndrome, diffuse mesangiocapillary glomerulonephritis	Nephritis
435320	197582001	Acute glomerulonephritis associated with another disorder	Nephritis
435308	19351000	Acute glomerulonephritis	Nephritis
4263367	36171008	Glomerulonephritis	Nephritis
442076	197614002	Chronic rapidly progressive glomerulonephritis	Nephritis
259070	197579006	Acute proliferative glomerulonephritis	Nephritis
4125958	236395002	Post-infectious glomerulonephritis	Nephritis
4056478	197707007	Chronic nephritic syndrome	Nephritis
435003	197580009	Acute nephritis with lesions of necrotizing glomerulitis	Nephritis
193253	52845002	Nephritis	Nephritis
4294813	75888001	Mesangiocapillary glomerulonephritis, type I	Nephritis
4241966	59479006	Mesangiocapillary glomerulonephritis, type II	Nephritis

433257	80321008	Mesangiocapillary glomerulonephritis	Nephritis
312358	20917003	Chronic glomerulonephritis	Nephritis
4298809	7724006	Nephritic syndrome	Nephritis
4222610	83866005	Focal AND segmental proliferative glomerulonephritis	Nephritis
442074	197626007	Focal membranoproliferative glomerulonephritis	Nephritis
192362	197591002	Nephrotic syndrome with membranoproliferative glomerulonephritis	Nephritis
4286024	68544003	Acute post-streptococcal glomerulonephritis	Nephritis
196464	236392004	Rapidly progressive glomerulonephritis	Nephritis
4161421	399340005	Hereditary nephritis	Nephritis
442075	197616000	Chronic glomerulonephritis associated with another disorder	Nephritis
4058843	197600002	Nephrotic syndrome, diffuse crescentic glomerulonephritis	Nephritis