1. Lupus nephritis – immune complex glomerulonephritis (GN)
1a. Lupus nephritis – Class I
1b. Lupus nephritis – Class II
1c. Lupus nephritis – Class III
1d. Lupus nephritis – Class IV
1e. Lupus nephritis – Class V
1f. Lupus nephritis – Class VI
1g. Combination of classes

2. Infection-related – immune complex GN – *please specify*
2a. Related to viral infection
2b. Related to bacterial infection
2c. Related to other infection (parasites…)

3. IgA – immune complex GN – *please specify*
3a. IgA nephropathy – primary
3b. Henoch-Schonlein purpura
3c. IgA nephropathy – secondary

4. Cryoglobulinemic GN

5. Fibrillary GN with polyclonal immune depositions

6. Immune complex GN – other

7. Pauci-immune necrotising GN
7a. ANCA-positive pauci-immune GN
7b. ANCA-negative pauci-immune GN

8. Anti-GBM nephritis

9. Glomerulonephritis associated with monoclonal immune depositions
9a. Proliferative GN associated with monoclonal immune depositions
9b. Fibrillary GN associated with monoclonal immune depositions
9c. Immunotactoid glomerulopathy

10. C3 glomerulopathy
10a. Dense deposit disease
10b. C3 glomerulonephritis

Diagnosis codes 1 to 10 fit with Sethi et al. JASN 2016;27:1278: Mayo Clinic / RPS consensus report on GN.

61. Renal Vasculitis – without glomerulonephritis

11. Membranous nephropathy
11a. Membranous nephropathy – primary / idiopathic *(eg. aPLA2R As)*
11b. Membranous nephropathy – secondary *(known cause: malignancy, HBV infection) [if SLE: code as 1e.]*

12. Focal segmental glomerulosclerosis (FSGS)
12a. FSGS – primary / idiopathic / NOS
12b. FSGS – genetic cause
12c. FSGS – secondary to known cause *(eg. vascular disease, obesity)*

13. Collapsing FSGS
13a. Collapsing FSGS – HIVAN
13b. Collapsing FSGS – other known cause

14. Minimal change disease (MCD)

15. FSGS/MCD – *use only when unable to subtype*

16. Diabetic nephropathy

17. Idiopathic nodular glomerulosclerosis

18. Nefroangiosclerosis

19. Amyloidosis
19a. AL amyloidosis
19b. AA amyloidosis
19c. Amyloidosis - other

20. Light chain cast nephropathy (myeloma cast nephropathy)

21. Light chain proximal tubulopathy

22. Monoclonal immunoglobulin deposition disease (MIDD)
22a. Light chain deposition disease (LCDD)
22b. Heavy chain deposition disease (HCDD)
22c. Light and heavy chain deposition disease (LHCDD)

23. Thrombotic microangiopathy (TMA) – *please subtype*
23a. TMA – haemolytic uremic syndrome (HUS)
23b. TMA – atypical HUS (aHUS)
23c. TMA – pre-eclampsia
23d. TMA – medication-related
23e. TMA – malignant hypertension

24. Kidney infarct

25. Collagenofibrotic glomerulopathy

26. Fibronectin glomerulopathy

27. Lipoprotein glomerulopathy

28. Thin basement membrane disease

29. Alport's disease
29a. X-linked Alport's disease
29b. Other form of Alport's disease

30. Thin basement membrane disease / Alport – *only use when subtyping is not possible*

31. Nephropathy or findings related to storage disease
31a. Fabry's disease
31b. Glycogen storage disease
31c. Storage disease – other known cause

32. Congenital / Hereditary disorders
32a. Diffuse mesangial sclerosis
32b. Other

33. Acute tubular damage / acute tubular necrosis

34. Acute tubulointerstitial nephritis (TIN)

35. Granulomatous TIN

36. IgG4-related TIN

37. Chronic TIN

38. Auto-immune related TIN

39. Acute pyelonephritis

40. Xanthogranulomatous pyelonephritis

41. Chronic pyelonephritis
41a. Chronic pyelonephritis related to vesicoureteral reflux
41b. Chronic pyelonephritis – other cause

42. Nephrocalcinosis

43. Oxalate nefropathy

44. Urate nefropathy

45. Myoglobin / Hemoglobin cylinder nefropathy

46. Bile cast nefropathy

47. Pigment nefropathy – other

48. Cholesterol emboli

49. Medication-induced renal changes (except *code 50*)

50. Calcineurin-inhibitor renal toxicity

51. Cystic kidney disease

52. Tumor
52a. Benign tumor
52b. Malignant tumor

53. End-stage renal disease (no specific renal pathology)

54. Glomerular pathology, NOS

55. Tubulointerstitial pathology, NOS

56. No changes – all techniques done (IF/IHC and EM)
57. No changes – not all techniques done (IF/IHC and/or EM)

58. No diagnosis – not representative (insufficient tissue)
59. No diagnosis – not all techniques done (IF/IHC and/or EM)
60. No diagnosis – assessment hindered by technical factors