Appendix H
Coding: Ethnicity, EDTA Primary Renal Diagnoses, EDTA Causes of Death

H1: Ethnicity coding

Ethnicity data is recorded in the clinical information systems in the individual renal centres in the format of 9S... read codes.

Ethnic category	Read code	Old PAS	Renal Assoc	New PAS
White	9S1..	0	W	A1
Black Caribbean	9S2..	1		M1
Black African	9S3..	2		N1
Black other/non-mixed origin	9S4..	3		P1
Indian	9S6..	4		H1
Pakistani	9S7..	5		J1
Bangladeshi	9S8..	6		K1
Chinese	9S9..	7	C	R1
Black British	9S41.			PD
Black Caribbean	9S42.			
Black North African	9S43.			
Black other African country	9S44.			
Black East African Asian	9S45.			
Black Indian sub-continent	9S46.			
Black other Asian	9S47.			
Black Black other	9S48.		B	PE
Black other/mixed	9S5..			
Other Black Black/White origin	9S51.			GC
Other Black Black/Asian origin	9S52.			GA
Other ethnic non-mixed (NMO)	9SA..			
Brit. ethnic minor. spec. (NMO)	9SA1.			
Brit. ethnic minor. unsp. (NMO)	9SA2.			
Caribbean Island (NMO)	9SA3.			
North African Arab (NMO)	9SA4.			
Other African countries (NMO)	9SA5.			
East African Asian (NMO)	9SA6.			
Indian sub-continent (NMO)	9SA7.			
Other Asian (NMO)	9SA8.		A	L1

Ethnic category	Read code	Old PAS	Renal Assoc	New PAS
Irish (NMO)	9SA9.			B1
Greek Cypriot (NMO)	9SAA.			CG
Turkish Cypriot (NMO)	9SAB.			CJ
Other European (NMO)	9SAC.			C1
Other ethnic NEC (NMO)	9SAD.			S1
Other ethnic mixed origin	9SB..	8		
Other ethnic Black/White origin	9SB1.			E1
Other ethnic Asian/White origin	9SB2.			F1
Other ethnic mixed white origin	9SB3.			
Other ethnic other mixed origin	9SB4.			G1

H2: EDTA primary renal diagnoses

Code	Title	Group
0	Chronic renal failure; aetiology uncertain unknown/unavailable	Uncertain
10	Glomerulonephritis; histologically NOT examined	Uncertain
11	Focal segmental glomerulosclerosis with nephrotic syndrome in children	Glomerulonephritis
12	IgA nephropathy (proven by immunofluorescence, not code 76 and not 85)	Glomerulonephritis
13	Dense deposit disease; membrano-proliferative GN; type II (proven by immunofluorescence and/or electron microscopy)	Glomerulonephritis
14	Membranous nephropathy	Glomerulonephritis
15	Membrano-proliferative GN; type I (proven by immunofluorescence and/or electron microscopy – not code 84 or 89)	Glomerulonephritis
16	Crescentic (extracapillary) glomerulonephritis (type I, II, III)	Glomerulonephritis
17	Focal segmental glomerulosclerosis with nephrotic syndrome in adults	Glomerulonephritis
19	Glomerulonephritis; histologically examined, not given above	Glomerulonephritis
20	Pyelonephritis – cause not specified	Pyelonephritis
21	Pyelonephritis associated with neurogenic bladder	Pyelonephritis
22	Pyelonephritis due to congenital obstructive uropathy with/without vesico-ureteric reflux	Pyelonephritis
23	Pyelonephritis due to acquired obstructive uropathy	Pyelonephritis
24	Pyelonephritis due to vesico-ureteric reflux without obstruction	Pyelonephritis
25	Pyelonephritis due to urolithiasis	Pyelonephritis
29	Pyelonephritis due to other cause	Pyelonephritis
30	Interstitial nephritis (not pyelonephritis) due to other cause, or unspecified (not mentioned above)	Interstitial
31	Nephropathy (interstitial) due to analgesic drugs	Interstitial
32	Nephropathy (interstitial) due to cis-platinum	Interstitial
33	Nephropathy (interstitial) due to cyclosporin A	Interstitial
34	Lead induced nephropathy (interstitial)	Interstitial
39	Drug induced nephropathy (interstitial) not mentioned above	Interstitial
40	Cystic kidney disease – type unspecified	Cystic/poly
41	Polycystic kidneys; adult type (dominant)	Cystic/poly
42	Polycystic kidneys; infantile (recessive)	Cystic/poly
43	Medullary cystic disease; including nephronophtisis	Other
49	Cystic kidney disease – other specified type	Other
50	Hereditary/Familial nephropathy – type unspecified	Other
51	Hereditary nephritis with nerve deafness (Alport's Syndrome)	Other
52	Cystinosis	Other
53	Primary oxalosis	Other
54	Fabry's disease	Other
59	Hereditary nephropathy – other specified type	Other
60	Renal hypoplasia (congenital) – type unspecified	Other
61	Oligomeganephronic hypoplasia	Other

Code	Title	Group
63	Congenital renal dysplasia with or without urinary tract malformation	Other
66	Syndrome of agenesis of abdominal muscles (Prune Belly)	Other
70	Renal vascular disease – type unspecified	Renal vascular disease
71	Renal vascular disease due to malignant hypertension	Renal vascular disease
72	Renal vascular disease due to hypertension	Renal vascular disease
73	Renal vascular disease due to polyarteritis	Renal vascular disease
74	Wegener's granulomatosis	Other
75	Ischaemic renal disease/cholesterol embolism	Renal vascular disease
76	Glomerulonephritis related to liver cirrhosis	Other
78	Cryoglobulinemic glomerulonephritis	Other
79	Renal vascular disease – due to other cause (not given above and not code 84–88)	Renal vascular disease
80	Type 1 diabetes with diabetic nephropathy	Diabetes
81	Type 2 diabetes with diabetic nephropathy	Diabetes
82	Myelomatosis/light chain deposit disease	Other
83	Amyloid	Other
84	Lupus erythematosus	Other
85	Henoch-Schoenlein purpura	Other
86	Goodpasture's Syndrome	Other
87	Systemic sclerosis (scleroderma)	Other
88	Haemolytic Ureaemic Syndrome (including Moschcowitz Syndrome)	Other
89	Multi-system disease – other (not mentioned above)	Other
90	Tubular necrosis (irreversible) or cortical necrosis (different from 88)	Other
91	Tuberculosis	Other
92	Gout nephropathy (urate)	Other
93	Nephrocalcinosis and hypercalcaemic nephropathy	Other
94	Balkan nephropathy	Other
95	Kidney tumour	Other
96	Traumatic or surgical loss of kidney	Other
98	Not known	Missing
99	Other identified renal disorders	Other
199	Code not sent	Missing

H3: EDTA cause of death

EDTA code	Cause
0	Cause of death uncertain/not determined
11	Myocardial ischaemia and infarction
12	Hyperkalaemia
13	Haemorrhagic pericarditis
14	Other causes of cardiac failure
15	Cardiac arrest/sudden death; other cause or unknown
16	Hypertensive cardiac failure
17	Hypokalaemia
18	Fluid overload/pulmonary oedema
21	Pulmonary embolus
22	Cerebro-vascular accident, other cause or unspecified
23	Gastro-intestinal haemorrhage (digestive)
24	Haemorrhage from graft site
25	Haemorrhage from vascular access or dialysis circuit
26	Haemorrhage from ruptured vascular aneurysm (not code 22 or 23)
27	Haemorrhage from surgery (not codes 23, 24, 26)
28	Other haemorrhage (not codes 23–27)
29	Mesenteric infarction
31	Pulmonary infection bacterial (not code 73)
32	Pulmonary infection (viral)
33	Pulmonary infection (fungal or protozoal; parasitic)
34	Infections elsewhere except viral hepatitis
35	Septicaemia
36	Tuberculosis (lung)
37	Tuberculosis (elsewhere)
38	Generalized viral infection
39	Peritonitis (all causes except for peritoneal dialysis)
41	Liver disease due to hepatitis B virus
42	Liver disease due to other viral hepatitis
43	Liver disease due to drug toxicity
44	Cirrhosis – not viral (alcoholic or other cause)
45	Cystic liver disease
46	Liver failure – cause unknown
51	Patient refused further treatment for end stage renal failure (ESRF)
52	Suicide
53	ESRF treatment ceased for any other reason
54	ESRF treatment withdrawn for medical reasons
61	Uraemia caused by graft failure
62	Pancreatitis
63	Bone marrow depression (Aplasia)
64	Cachexia
66	Malignant disease in patient treated by immunosuppressive therapy
67	Malignant disease: solid tumours except those of 66
68	Malignant disease: lymphoproliferative disorders (except 66)
69	Dementia
70	Peritonitis (sclerosing, with peritoneal dialysis)
71	Perforation of peptic ulcer
72	Perforation of colon
73	Chronic obstructive pulmonary disease
81	Accident related to ESRF treatment (not 25)
82	Accident unrelated to ESRF treatment
99	Other identified cause of death
100	Peritonitis (bacterial, with peritoneal dialysis)
101	Peritonitis (fungal, with peritoneal dialysis)
102	Peritonitis (due to other cause, with peritoneal dialysis)