

Appendix G

Coding: Ethnicity; EDTA primary renal diagnoses and EDTA causes of death

G1: 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 |
| Irish (NMO) | 9SA9. | | | B1 |
| Greek Cypriot (NMO) | 9SAA. | | | CG |
| Turkish Cypriot (NMO) | 9SAB. | | | CJ |
| Other European (NMO) | 9SAC. | | | C1 |

| Ethnic category | Read code | Old PAS | Renal Assoc | New PAS |
|---------------------------------|-----------|---------|-------------|---------|
| 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 |

G2: 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 nephronophthisis | 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 |
| 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 |

| Code | Title | Group |
|------|--|------------------------|
| 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 Uraemic 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 |

G3: 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 |

| EDTA code | Cause |
|-----------|---|
| 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 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 tumors 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) |