# **Table 1.** Medcodes for T2D in the UK

| Medcode | Description |
| --- | --- |
| 506 | Non-insulin dependent diabetes mellitus |
| 758 | Type 2 diabetes mellitus |
| 1407 | Insulin treated Type 2 diabetes mellitus |
| 1684 | Diabetic on oral treatment |
| 4513 | Non-insulin dependent diabetes mellitus |
| 5884 | NIDDM - Non-insulin dependent diabetes mellitus |
| 7563 | Diabetic on diet only |
| 8403 | Non-insulin dependent diabetes mellitus - poor control |
| 12640 | Type 2 diabetes mellitus with nephropathy |
| 12736 | Type 2 diabetes mellitus with gangrene |
| 14803 | Diabetes mellitus, adult onset, no mention of complication |
| 14889 | Maturity onset diabetes |
| 17262 | Non-insulin-dependent diabetes mellitus with retinopathy |
| 17859 | Type 2 diabetes mellitus |
| 18143 | Type II diabetes mellitus with arthropathy |
| 18209 | Type 2 diabetes mellitus with renal complications |
| 18219 | Type II diabetes mellitus |
| 18264 | Insulin treated Type II diabetes mellitus |
| 18278 | Insulin treated Type 2 diabetes mellitus |
| 18390 | Type 2 diabetes mellitus with persistent microalbuminuria |
| 18425 | Type 2 diabetes mellitus with polyneuropathy |
| 18496 | Type 2 diabetes mellitus with retinopathy |
| 18777 | Type 2 diabetes mellitus with renal complications |
| 22884 | Type II diabetes mellitus |
| 24458 | Type II diabetes mellitus - poor control |
| 24693 | Non-insulin dependent diabetes mellitus with arthropathy |
| 24836 | Type 2 diabetes mellitus with nephropathy |
| 25041 | Dietary advice for type II diabetes |
| 25591 | Type 2 diabetes mellitus with exudative maculopathy |
| 25627 | Type 2 diabetes mellitus - poor control |
| 26054 | Type 2 diabetes mellitus with persistent proteinuria |
| 28769 | Diabetic on insulin and oral treatment |
| 29979 | Non-insulin-dependent diabetes mellitus without complication |
| 32627 | Type 2 diabetes mellitus with ketoacidosis |
| 33807 | Diabetes mellitus, adult with gangrene |
| 34268 | Type 2 diabetes mellitus with neurological complications |
| 34450 | Hyperosmolar non-ketotic state in type 2 diabetes mellitus |
| 34912 | Non-insulin dependent diabetes mellitus with ulcer |
| 35105 | Diabetes mellitus, adult onset, with renal manifestation |
| 35385 | Type 2 diabetes mellitus with neuropathic arthropathy |
| 36633 | Hyperosmolar non-ketotic state in type 2 diabetes mellitus |
| 37648 | Insulin treated non-insulin dependent diabetes mellitus |
| 37806 | Type 2 diabetes mellitus with peripheral angiopathy |
| 39317 | Diabetes mellitus, adult onset, + neurological manifestation |
| 40401 | Non-insulin dependent diabetes mellitus with gangrene |
| 41389 | Diabetes mellitus, adult onset, + ophthalmic manifestation |
| 42762 | Type 2 diabetes mellitus with retinopathy |
| 43139 | Diabetes mellitus, adult onset, with hyperosmolar coma |
| 43227 | Type II diabetes mellitus with multiple complications |
| 43785 | Non-insulin dependent diabetes mellitus with hypoglyca coma |
| 44779 | Type 2 diabetes mellitus with diabetic cataract |
| 44982 | Type 2 diabetes mellitus with diabetic cataract |
| 45467 | Non-insulin dependent diabetes mellitus with polyneuropathy |
| 45913 | Type 2 diabetes mellitus - poor control |
| 45919 | Type 2 diabetes mellitus with neurological complications |
| 46150 | Type 2 diabetes mellitus with gangrene |
| 46917 | Type 2 diabetes mellitus with hypoglycaemic coma |
| 47315 | Type II diabetes mellitus - poor control |
| 47321 | Type 2 diabetes mellitus with ophthalmic complications |
| 47409 | Type II diabetes mellitus with polyneuropathy |
| 47816 | Type II diabetes mellitus with neuropathic arthropathy |
| 47954 | Type 2 diabetes mellitus without complication |
| 48192 | Type II diabetes mellitus with diabetic cataract |
| 49074 | Type 2 diabetes mellitus with ulcer |
| 49655 | Type II diabetes mellitus with retinopathy |
| 49869 | Type 2 diabetes mellitus with arthropathy |
| 50225 | Type II diabetes mellitus with renal complications |
| 50429 | Non-insulin-dependent diabetes mellitus with ophthalm comps |
| 50527 | Type II diabetes mellitus with polyneuropathy |
| 50609 | Pre-existing diabetes mellitus, non-insulin-dependent |
| 50813 | Type II diabetes mellitus with mononeuropathy |
| 51756 | Type 2 diabetes mellitus with ketoacidotic coma |
| 52303 | Non-insulin-dependent diabetes mellitus with renal comps |
| 53392 | Type II diabetes mellitus without complication |
| 54856 | Diabetes mellitus, adult onset, with ketoacidosis |
| 54899 | Type II diabetes mellitus with peripheral angiopathy |
| 55075 | Type II diabetes mellitus with ulcer |
| 55123 | Date diabetic treatment stopp. |
| 55842 | Non-insulin-dependent diabetes mellitus with neuro comps |
| 56268 | Type II diabetes mellitus with hypoglycaemic coma |
| 57278 | Type II diabetes mellitus with renal complications |
| 58604 | Type II diabetes mellitus with retinopathy |
| 59253 | Type 2 diabetes mellitus with arthropathy |
| 59365 | Non-insulin dependent diabetes mellitus with nephropathy |
| 59725 | Type II diabetes mellitus with ophthalmic complications |
| 59991 | Maturity onset diabetes in youth type 2 |
| 60699 | Type 2 diabetes mellitus with peripheral angiopathy |
| 60796 | Type II diabetes mellitus with persistent proteinuria |
| 61071 | Type 2 diabetes mellitus with hypoglycaemic coma |
| 62107 | Type II diabetes mellitus with gangrene |
| 62146 | Non-insulin-dependent diabetes mellitus with multiple comps |
| 62674 | Type 2 diabetes mellitus with mononeuropathy |
| 63357 | Diabetes mellitus, adult, + peripheral circulatory disorder |
| 63371 | Diabetes mellitus, adult, + other specified manifestation |
| 63690 | Type 2 diabetes mellitus with gastroparesis |
| 63762 | Diabetes mellitus, adult onset, + unspecified complication |
| 64571 | Type II diabetes mellitus with nephropathy |
| 64668 | Insulin treated Type II diabetes mellitus |
| 65267 | Type 2 diabetes mellitus with multiple complications |
| 65704 | Type 2 diabetes mellitus with ulcer |
| 66965 | Type 2 diabetes mellitus with neuropathic arthropathy |
| 67905 | Type II diabetes mellitus with neurological complications |
| 68843 | Diabetes mellitus, adult onset, with ketoacidotic coma |
| 69278 | Non-insulin depend diabetes mellitus with diabetic cataract |
| 70316 | Type 2 diabetes mellitus with ophthalmic complications |
| 72320 | Non-insulin dependent diabetes mellitus with mononeuropathy |
| 83532 | Diabetes type 2 review |
| 85991 | Type II diabetes mellitus with persistent microalbuminuria |
| 91646 | Type II diabetes mellitus with ulcer |
| 93727 | Type II diabetes mellitus with diabetic cataract |
| 95351 | Type II diabetes mellitus with mononeuropathy |
| 98616 | Type II diabetes mellitus with neurological complications |
| 98723 | Type II diabetes mellitus with hypoglycaemic coma |
| 100964 | Type II diabetes mellitus with ophthalmic complications |
| 101801 | Type II diabetic dietary review |
| 102201 | Type II diabetes mellitus with nephropathy |
| 102611 | Type 2 diabetic dietary review |
| 103902 | Type II diabetes mellitus with arthropathy |
| 104323 | Type II diabetes mellitus with gangrene |
| 104639 | Type II diabetes mellitus with peripheral angiopathy |
| 105784 | Type 2 diabetes mellitus without complication |
| 106061 | Type II diabetes mellitus with ketoacidotic coma |
| 106528 | Type II diabetes mellitus with ketoacidosis |
| 107701 | Hyperosmolar non-ketotic state in type II diabetes mellitus |
| 107824 | Type II diabetes mellitus in remission |
| 108005 | Type 2 diabetes mellitus with multiple complications |
| 109103 | Type II diabetes mellitus without complication |
| 109197 | Type II diabetes mellitus with neuropathic arthropathy |
| 109865 | Type 2 diabetes mellitus with polyneuropathy |
| 110344 | Diabetic on non-insulin injectable medication |
| 110379 | Diabetic on oral treatment and glucagon-like peptide 1 |
| 110611 | Type 2 diabetes mellitus in remission |
| 111483 | Diabetic on insulin and glucagon-like peptide 1 |
| 111798 | Type II diabetes mellitus with exudative maculopathy |

# **Table 2. ICD-10 codes for T2D in the Spain**

|  |  |
| --- | --- |
| ICD-10 | Description |
| E11 | Type 2 diabetes mellitus |
| E11.0 | Type 2 diabetes mellitus: With coma |
| E11.1 | Type 2 diabetes mellitus: With ketoacidosis |
| E11.3 | Type 2 diabetes mellitus: With ophthalmic complications |
| E11.4 | Type 2 diabetes mellitus: With neurological complications |
| E11.6 | Type 2 diabetes mellitus: With other specified complications |
| E11.9 | Type 2 diabetes mellitus: Without complications |
| E14 | Unspecified diabetes mellitus |
| E14.0 | Unspecified diabetes mellitus: With coma |
| E14.1 | Unspecified diabetes mellitus: With ketoacidosis |
| E14.3 | Unspecified diabetes mellitus: With ophthalmic complications |
| E14.4 | Unspecified diabetes mellitus: With neurological complications |
| E14.6 | Unspecified diabetes mellitus: With other specified complications |
| E14.9 | Unspecified diabetes mellitus: Without complications |

# **Table 3. ICD-9 and ICD-10 codes for exclusions of other types of diabetes**

| ICD-10 | Description | UK | CA | ES |
| --- | --- | --- | --- | --- |
| E10 | Type 1 diabetes mellitus | ✓ | ✓ | ✓ |
| E10.0 | Type 1 diabetes mellitus: With coma | ✓ | ✓ | ✓ |
| E10.1 | Type 1 diabetes mellitus: With ketoacidosis | ✓ | ✓ | ✓ |
| E10.2 | Type 1 diabetes mellitus: With renal complications | ✓ | ✓ | ✓ |
| E10.3 | Type 1 diabetes mellitus: With ophthalmic complications | ✓ | ✓ | ✓ |
| E10.4 | Type 1 diabetes mellitus: With neurological complications | ✓ | ✓ | ✓ |
| E10.5 | Type 1 diabetes mellitus: With peripheral circulatory complications | ✓ | ✓ | ✓ |
| E10.6 | Type 1 diabetes mellitus: With other specified complications | ✓ | ✓ | ✓ |
| E10.7 | Type 1 diabetes mellitus: With multiple complications | ✓ | ✓ | ✓ |
| E10.8 | Type 1 diabetes mellitus: With unspecified complications | ✓ | ✓ | ✓ |
| E10.9 | Type 1 diabetes mellitus: Without complications | ✓ | ✓ | ✓ |
| E12 | Malnutrition-related diabetes mellitus | ✓ | ✓ | ✓ |
| E12.0 | Malnutrition-related diabetes mellitus: With coma | ✓ | ✓ | ✓ |
| E12.1 | Malnutrition-related diabetes mellitus: With ketoacidosis | ✓ | ✓ | ✓ |
| E12.2 | Malnutrition-related diabetes mellitus: With renal complications | ✓ | ✓ | ✓ |
| E12.3 | Malnutrition-related diabetes mellitus: With ophthalmic complications | ✓ | ✓ | ✓ |
| E12.4 | Malnutrition-related diabetes mellitus: With neurological complications | ✓ | ✓ | ✓ |
| E12.5 | Malnutrition-related diabetes mellitus: With peripheral circulatory complications | ✓ | ✓ | ✓ |
| E12.6 | Malnutrition-related diabetes mellitus: With other specified complications | ✓ | ✓ | ✓ |
| E12.7 | Malnutrition-related diabetes mellitus: With multiple complications | ✓ | ✓ | ✓ |
| E12.8 | Malnutrition-related diabetes mellitus: With unspecified complications | ✓ | ✓ | ✓ |
| E12.9 | Malnutrition-related diabetes mellitus: Without complications | ✓ | ✓ | ✓ |
| E13 | Other specified diabetes mellitus | ✓ | ✓ | ✓ |
| E13.0 | Other specified diabetes mellitus: With coma | ✓ | ✓ | ✓ |
| E13.1 | Other specified diabetes mellitus: With ketoacidosis | ✓ | ✓ | ✓ |
| E13.2 | Other specified diabetes mellitus: With renal complications | ✓ | ✓ | ✓ |
| E13.3 | Other specified diabetes mellitus: With ophthalmic complications | ✓ | ✓ | ✓ |
| E13.4 | Other specified diabetes mellitus: With neurological complications | ✓ | ✓ | ✓ |
| E13.5 | Other specified diabetes mellitus: With peripheral circulatory complications | ✓ | ✓ | ✓ |
| E13.6 | Other specified diabetes mellitus: With other specified complications | ✓ | ✓ | ✓ |
| E13.7 | Other specified diabetes mellitus: With multiple complications | ✓ | ✓ | ✓ |
| E13.8 | Other specified diabetes mellitus: With unspecified complications | ✓ | ✓ | ✓ |
| E13.9 | Other specified diabetes mellitus: Without complications | ✓ | ✓ | ✓ |
| O24 | Diabetes mellitus in pregnancy | ✓ | ✓ | ✓ |
| O24.0 | Diabetes mellitus in pregnancy: Pre-existing type 1 diabetes mellitus | ✓ | ✓ | ✓ |
| O24.1 | Diabetes mellitus in pregnancy: Pre-existing type 2 diabetes mellitus | ✓ | ✓ | ✓ |
| O24.2 | Diabetes mellitus in pregnancy: Pre-existing malnutrition-related diabetes mellitus | ✓ | ✓ | ✓ |
| O24.3 | Diabetes mellitus in pregnancy: Pre-existing diabetes mellitus, unspecified | ✓ | ✓ | ✓ |
| O24.4 | Diabetes mellitus arising in pregnancy | ✓ | ✓ | ✓ |
| O24.9 | Diabetes mellitus in pregnancy, unspecified | ✓ | ✓ | ✓ |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ICD-9 | Description | UK | CA | ES |
| 249 | Secondary diabetes mellitus | X | ✓ | X |
| 249.0 | Secondary diabetes mellitus without mention of complication | X | ✓ | X |
| 249.00 | Secondary diabetes mellitus without mention of complication, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.01 | Secondary diabetes mellitus without mention of complication, uncontrolled | X | ✓ | X |
| 249.1 | Secondary diabetes mellitus with ketoacidosis | X | ✓ | X |
| 249.10 | Secondary diabetes mellitus with ketoacidosis, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.11 | Secondary diabetes mellitus with ketoacidosis, uncontrolled | X | ✓ | X |
| 249.2 | Secondary diabetes mellitus with hyperosmolarity | X | ✓ | X |
| 249.20 | Secondary diabetes mellitus with hyperosmolarity, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.21 | Secondary diabetes mellitus with hyperosmolarity, uncontrolled | X | ✓ | X |
| 249.3 | Secondary diabetes mellitus with other coma | X | ✓ | X |
| 249.30 | Secondary diabetes mellitus with other coma, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.31 | Secondary diabetes mellitus with other coma, uncontrolled | X | ✓ | X |
| 249.4 | Secondary diabetes mellitus with renal manifestations | X | ✓ | X |
| 249.40 | Secondary diabetes mellitus with renal manifestations, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.41 | Secondary diabetes mellitus with renal manifestations, uncontrolled | X | ✓ | X |
| 249.5 | Secondary diabetes mellitus with ophthalmic manifestations | X | ✓ | X |
| 249.50 | Secondary diabetes mellitus with ophthalmic manifestations, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.51 | Secondary diabetes mellitus with ophthalmic manifestations, uncontrolled | X | ✓ | X |
| 249.6 | Secondary diabetes mellitus with neurological manifestations | X | ✓ | X |
| 249.60 | Secondary diabetes mellitus with neurological manifestations, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.61 | Secondary diabetes mellitus with neurological manifestations, uncontrolled | X | ✓ | X |
| 249.7 | Secondary diabetes mellitus with peripheral circulatory disorders | X | ✓ | X |
| 249.70 | Secondary diabetes mellitus with peripheral circulatory disorders, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.71 | Secondary diabetes mellitus with peripheral circulatory disorders, uncontrolled | X | ✓ | X |
| 249.8 | Secondary diabetes mellitus with other specified manifestations | X | ✓ | X |
| 249.80 | Secondary diabetes mellitus with other specified manifestations, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.81 | Secondary diabetes mellitus with other specified manifestations, uncontrolled | X | ✓ | X |
| 249.9 | Secondary diabetes mellitus with unspecified complication | X | ✓ | X |
| 249.90 | Secondary diabetes mellitus with unspecified complication, not stated as uncontrolled, or unspecified | X | ✓ | X |
| 249.91 | Secondary diabetes mellitus with unspecified complication, uncontrolled | X | ✓ | X |
| 250.01 | Diabetes mellitus without mention of complication, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.03 | Diabetes mellitus without mention of complication, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.11 | Diabetes with ketoacidosis, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.13 | Diabetes with ketoacidosis, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.21 | Diabetes with hyperosmolarity, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.23 | Diabetes with hyperosmolarity, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.31 | Diabetes with other coma, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.33 | Diabetes with other coma, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.41 | Diabetes with renal manifestations, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.43 | Diabetes with renal manifestations, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.51 | Diabetes with ophthalmic manifestations, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.53 | Diabetes with ophthalmic manifestations, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.61 | Diabetes with neurological manifestations, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.63 | Diabetes with neurological manifestations, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.71 | Diabetes with peripheral circulatory disorders, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.73 | Diabetes with peripheral circulatory disorders, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.81 | Diabetes with other specified manifestations, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.83 | Diabetes with other specified manifestations, type I [juvenile type], uncontrolled | X | ✓ | X |
| 250.91 | Diabetes with unspecified complication, type I [juvenile type], not stated as uncontrolled | X | ✓ | X |
| 250.93 | Diabetes with unspecified complication, type I [juvenile type], uncontrolled | X | ✓ | X |
| 648.00 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care or not applicable | X | ✓ | X |
| 648.01 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, delivered, with or without mention of antepartum condition | X | ✓ | X |
| 648.02 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, delivered, with mention of postpartum complication | X | ✓ | X |
| 648.03 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, antepartum condition or complication | X | ✓ | X |
| 648.04 | Diabetes mellitus of mother, complicating pregnancy, childbirth, or the puerperium, postpartum condition or complication | X | ✓ | X |

# **Table 4.** ICD-9 and ICD-10 codes for exclusions of pre-existing cardiorenal events or cancers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ICD-10 | Type | Description | UK | CA | ES |
| E11.2 | MET | Type 2 diabetes mellitus: With renal complications | ✓ | ✓ | ✓ |
| E11.5 | MET | Type 2 diabetes mellitus: With peripheral circulatory complications | ✓ | ✓ | ✓ |
| E11.7 | MET | Type 2 diabetes mellitus: With multiple complications | ✓ | ✓ | ✓ |
| E11.8 | MET | Type 2 diabetes mellitus: With unspecified complications | ✓ | ✓ | ✓ |
| E14.2 | MET | Unspecified diabetes mellitus: With renal complications | ✓ | ✓ | ✓ |
| E14.5 | MET | Unspecified diabetes mellitus: With peripheral circulatory complications | ✓ | ✓ | ✓ |
| E14.7 | MET | Unspecified diabetes mellitus: With multiple complications | ✓ | ✓ | ✓ |
| E14.8 | MET | Unspecified diabetes mellitus: With unspecified complications | ✓ | ✓ | ✓ |
| N00 | KD | Acute nephritic syndrome | ✓ | ✓ | ✓ |
| N00.0 | KD | Acute nephritic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N00.1 | KD | Acute nephritic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N00.2 | KD | Acute nephritic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N00.3 | KD | Acute nephritic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N00.4 | KD | Acute nephritic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N00.5 | KD | Acute nephritic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N00.6 | KD | Acute nephritic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N00.7 | KD | Acute nephritic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N00.8 | KD | Acute nephritic syndrome: Other | ✓ | ✓ | ✓ |
| N00.9 | KD | Acute nephritic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N01 | KD | Rapidly progressive nephritic syndrome | ✓ | ✓ | ✓ |
| N01.0 | KD | Rapidly progressive nephritic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N01.1 | KD | Rapidly progressive nephritic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N01.2 | KD | Rapidly progressive nephritic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N01.3 | KD | Rapidly progressive nephritic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N01.4 | KD | Rapidly progressive nephritic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N01.5 | KD | Rapidly progressive nephritic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N01.6 | KD | Rapidly progressive nephritic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N01.7 | KD | Rapidly progressive nephritic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N01.8 | KD | Rapidly progressive nephritic syndrome: Other | ✓ | ✓ | ✓ |
| N01.9 | KD | Rapidly progressive nephritic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N02 | KD | Recurrent and persistent haematuria | ✓ | ✓ | ✓ |
| N02.0 | KD | Recurrent and persistent haematuria: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N02.1 | KD | Recurrent and persistent haematuria: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N02.2 | KD | Recurrent and persistent haematuria: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N02.3 | KD | Recurrent and persistent haematuria: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N02.4 | KD | Recurrent and persistent haematuria: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N02.5 | KD | Recurrent and persistent haematuria: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N02.6 | KD | Recurrent and persistent haematuria: Dense deposit disease | ✓ | ✓ | ✓ |
| N02.7 | KD | Recurrent and persistent haematuria: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N02.8 | KD | Recurrent and persistent haematuria: Other | ✓ | ✓ | ✓ |
| N02.9 | KD | Recurrent and persistent haematuria: Unspecified | ✓ | ✓ | ✓ |
| N03 | KD | Chronic nephritic syndrome | ✓ | ✓ | ✓ |
| N03.0 | KD | Chronic nephritic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N03.1 | KD | Chronic nephritic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N03.2 | KD | Chronic nephritic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N03.3 | KD | Chronic nephritic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N03.4 | KD | Chronic nephritic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N03.5 | KD | Chronic nephritic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N03.6 | KD | Chronic nephritic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N03.7 | KD | Chronic nephritic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N03.8 | KD | Chronic nephritic syndrome: Other | ✓ | ✓ | ✓ |
| N03.9 | KD | Chronic nephritic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N04 | KD | Nephrotic syndrome | ✓ | ✓ | ✓ |
| N04.0 | KD | Nephrotic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N04.1 | KD | Nephrotic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N04.2 | KD | Nephrotic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N04.3 | KD | Nephrotic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N04.4 | KD | Nephrotic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N04.5 | KD | Nephrotic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N04.6 | KD | Nephrotic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N04.7 | KD | Nephrotic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N04.8 | KD | Nephrotic syndrome: Other | ✓ | ✓ | ✓ |
| N04.9 | KD | Nephrotic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N05 | KD | Unspecified nephritic syndrome | ✓ | ✓ | ✓ |
| N05.0 | KD | Unspecified nephritic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N05.1 | KD | Unspecified nephritic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N05.2 | KD | Unspecified nephritic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N05.3 | KD | Unspecified nephritic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N05.4 | KD | Unspecified nephritic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N05.5 | KD | Unspecified nephritic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N05.6 | KD | Unspecified nephritic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N05.7 | KD | Unspecified nephritic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N05.8 | KD | Unspecified nephritic syndrome: Other | ✓ | ✓ | ✓ |
| N05.9 | KD | Unspecified nephritic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N06 | KD | Isolated proteinuria with specified morphological lesion | ✓ | ✓ | ✓ |
| N06.0 | KD | Isolated proteinuria with specified morphological lesion: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N06.1 | KD | Isolated proteinuria with specified morphological lesion: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N06.2 | KD | Isolated proteinuria with specified morphological lesion: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N06.3 | KD | Isolated proteinuria with specified morphological lesion: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N06.4 | KD | Isolated proteinuria with specified morphological lesion: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N06.5 | KD | Isolated proteinuria with specified morphological lesion: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N06.6 | KD | Isolated proteinuria with specified morphological lesion: Dense deposit disease | ✓ | ✓ | ✓ |
| N06.7 | KD | Isolated proteinuria with specified morphological lesion: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N06.8 | KD | Isolated proteinuria with specified morphological lesion: Other | ✓ | ✓ | ✓ |
| N06.9 | KD | Isolated proteinuria with specified morphological lesion: Unspecified | ✓ | ✓ | ✓ |
| N07 | KD | Hereditary nephropathy, not elsewhere classified | ✓ | ✓ | ✓ |
| N07.0 | KD | Hereditary nephropathy, not elsewhere classified: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N07.1 | KD | Hereditary nephropathy, not elsewhere classified: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N07.2 | KD | Hereditary nephropathy, not elsewhere classified: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N07.3 | KD | Hereditary nephropathy, not elsewhere classified: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N07.4 | KD | Hereditary nephropathy, not elsewhere classified: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N07.5 | KD | Hereditary nephropathy, not elsewhere classified: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N07.6 | KD | Hereditary nephropathy, not elsewhere classified: Dense deposit disease | ✓ | ✓ | ✓ |
| N07.7 | KD | Hereditary nephropathy, not elsewhere classified: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N07.8 | KD | Hereditary nephropathy, not elsewhere classified: Other | ✓ | ✓ | ✓ |
| N07.9 | KD | Hereditary nephropathy, not elsewhere classified: Unspecified | ✓ | ✓ | ✓ |
| N08 | KD | Glomerular disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| N08.0 | KD | Glomerular disorders in infectious and parasitic diseases classified elsewhere | ✓ | ✓ | ✓ |
| N08.1 | KD | Glomerular disorders in neoplastic diseases | ✓ | ✓ | ✓ |
| N08.2 | KD | Glomerular disorders in blood diseases and disorders involving the immune mechanism | ✓ | ✓ | ✓ |
| N08.3 | KD | Glomerular disorders in diabetes mellitus | ✓ | ✓ | ✓ |
| N08.4 | KD | Glomerular disorders in other endocrine, nutritional and metabolic diseases | ✓ | ✓ | ✓ |
| N08.5 | KD | Glomerular disorders in systemic connective tissue disorders | ✓ | ✓ | ✓ |
| N08.8 | KD | Glomerular disorders in other diseases classified elsewhere | ✓ | ✓ | ✓ |
| N10 | KD | Acute tubulo-interstitial nephritis | ✓ | ✓ | ✓ |
| N11 | KD | Chronic tubulo-interstitial nephritis | ✓ | ✓ | ✓ |
| N11.0 | KD | Nonobstructive reflux-associated chronic pyelonephritis | ✓ | ✓ | ✓ |
| N11.1 | KD | Chronic obstructive pyelonephritis | ✓ | ✓ | ✓ |
| N11.8 | KD | Other chronic tubulo-interstitial nephritis | ✓ | ✓ | ✓ |
| N11.9 | KD | Chronic tubulo-interstitial nephritis, unspecified | ✓ | ✓ | ✓ |
| N12 | KD | Tubulo-interstitial nephritis, not specified as acute or chronic | ✓ | ✓ | ✓ |
| N13 | KD | Obstructive and reflux uropathy | ✓ | ✓ | ✓ |
| N13.0 | KD | Hydronephrosis with ureteropelvic junction obstruction | ✓ | ✓ | ✓ |
| N13.1 | KD | Hydronephrosis with ureteral stricture, not elsewhere classified | ✓ | ✓ | ✓ |
| N13.2 | KD | Hydronephrosis with renal and ureteral calculous obstruction | ✓ | ✓ | ✓ |
| N13.3 | KD | Other and unspecified hydronephrosis | ✓ | ✓ | ✓ |
| N13.4 | KD | Hydroureter | ✓ | ✓ | ✓ |
| N13.5 | KD | Kinking and stricture of ureter without hydronephrosis | ✓ | ✓ | ✓ |
| N13.6 | KD | Pyonephrosis | ✓ | ✓ | ✓ |
| N13.7 | KD | Vesicoureteral-reflux-associated uropathy | ✓ | ✓ | ✓ |
| N13.8 | KD | Other obstructive and reflux uropathy | ✓ | ✓ | ✓ |
| N13.9 | KD | Obstructive and reflux uropathy, unspecified | ✓ | ✓ | ✓ |
| N14 | KD | Drug- and heavy-metal-induced tubulo-interstitial and tubular conditions | ✓ | ✓ | ✓ |
| N14.0 | KD | Analgesic nephropathy | ✓ | ✓ | ✓ |
| N14.1 | KD | Nephropathy induced by other drugs, medicaments and biological substances | ✓ | ✓ | ✓ |
| N14.2 | KD | Nephropathy induced by unspecified drug, medicament or biological substance | ✓ | ✓ | ✓ |
| N14.3 | KD | Nephropathy induced by heavy metals | ✓ | ✓ | ✓ |
| N14.4 | KD | Toxic nephropathy, not elsewhere classified | ✓ | ✓ | ✓ |
| N15 | KD | Other renal tubulo-interstitial diseases | ✓ | ✓ | ✓ |
| N15.0 | KD | Balkan nephropathy | ✓ | ✓ | ✓ |
| N15.1 | KD | Renal and perinephric abscess | ✓ | ✓ | ✓ |
| N15.8 | KD | Other specified renal tubulo-interstitial diseases | ✓ | ✓ | ✓ |
| N15.9 | KD | Renal tubulo-interstitial disease, unspecified | ✓ | ✓ | ✓ |
| N16 | KD | Renal tubulo-interstitial disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| N16.0 | KD | Renal tubulo-interstitial disorders in infectious and parasitic diseases classified elsewhere | ✓ | ✓ | ✓ |
| N16.1 | KD | Renal tubulo-interstitial disorders in neoplastic diseases | ✓ | ✓ | ✓ |
| N16.2 | KD | Renal tubulo-interstitial disorders in blood diseases and disorders involving the immune mechanism | ✓ | ✓ | ✓ |
| N16.3 | KD | Renal tubulo-interstitial disorders in metabolic diseases | ✓ | ✓ | ✓ |
| N16.4 | KD | Renal tubulo-interstitial disorders in systemic connective tissue disorders | ✓ | ✓ | ✓ |
| N16.5 | KD | Renal tubulo-interstitial disorders in transplant rejection | ✓ | ✓ | ✓ |
| N16.8 | KD | Renal tubulo-interstitial disorders in other diseases classified elsewhere | ✓ | ✓ | ✓ |
| N17 | KD | Acute renal failure | ✓ | ✓ | ✓ |
| N17.0 | KD | Acute renal failure with tubular necrosis | ✓ | ✓ | ✓ |
| N17.1 | KD | Acute renal failure with acute cortical necrosis | ✓ | ✓ | ✓ |
| N17.2 | KD | Acute renal failure with medullary necrosis | ✓ | ✓ | ✓ |
| N17.8 | KD | Other acute renal failure | ✓ | ✓ | ✓ |
| N17.9 | KD | Acute renal failure, unspecified | ✓ | ✓ | ✓ |
| N18 | KD | Chronic kidney disease | ✓ | ✓ | ✓ |
| N18.0 | KD | End-stage renal disease | ✓ | ✓ | ✓ |
| N18.1 | KD | Chronic kidney disease, stage 1 | ✓ | ✓ | ✓ |
| N18.2 | KD | Chronic kidney disease, stage 2 | ✓ | ✓ | ✓ |
| N18.3 | KD | Chronic kidney disease, stage 3 | ✓ | ✓ | ✓ |
| N18.4 | KD | Chronic kidney disease, stage 4 | ✓ | ✓ | ✓ |
| N18.5 | KD | Chronic kidney disease, stage 5 | ✓ | ✓ | ✓ |
| N18.8 | KD | Other chronic renal failure | ✓ | ✓ | ✓ |
| N18.9 | KD | Chronic renal failure, unspecified | ✓ | ✓ | ✓ |
| N19 | KD | Unspecified kidney failure | ✓ | ✓ | ✓ |
| N39.1 | KD | Persistent proteinuria, unspecified | ✓ | ✓ | ✓ |
| N39.2 | KD | Orthostatic proteinuria, unspecified | ✓ | ✓ | ✓ |
| N99.0 | KD | Postprocedural renal failure | ✓ | ✓ | ✓ |
| P96.0 | KD | Congenital renal failure | ✓ | ✓ | ✓ |
| Z90.5 | KD | Acquired absence of kidney | ✓ | ✓ | ✓ |
| Z91.15 | KD | Patient's noncompliance with renal dialysis | ✓ | ✓ | ✓ |
| Z94.0 | KD | Kidney transplant status | ✓ | ✓ | ✓ |
| Z99.2 | KD | Dependence on renal dialysis | ✓ | ✓ | ✓ |
| G45.0 | CVD | Vertebro-basilar artery syndrome | ✓ | ✓ | ✓ |
| G45.1 | CVD | Carotid artery syndrome (hemispheric) | ✓ | ✓ | ✓ |
| G45.2 | CVD | Multiple and bilateral precerebral artery syndromes | ✓ | ✓ | ✓ |
| G45.3 | CVD | Amaurosis fugax | ✓ | ✓ | ✓ |
| G45.4 | CVD | Transient global amnesia | ✓ | ✓ | ✓ |
| G45.8 | CVD | Other transient cerebral ischaemic attacks and related syndromes | ✓ | ✓ | ✓ |
| G45.9 | CVD | Transient cerebral ischaemic attack, unspecified | ✓ | ✓ | ✓ |
| G46 | CVD | Vascular syndromes of brain in cerebrovascular diseases | ✓ | ✓ | ✓ |
| G46.0 | CVD | Middle cerebral artery syndrome | ✓ | ✓ | ✓ |
| G46.1 | CVD | Anterior cerebral artery syndrome | ✓ | ✓ | ✓ |
| G46.2 | CVD | Posterior cerebral artery syndrome | ✓ | ✓ | ✓ |
| G46.3 | CVD | Brain stem stroke syndrome | ✓ | ✓ | ✓ |
| G46.4 | CVD | Cerebellar stroke syndrome | ✓ | ✓ | ✓ |
| G46.5 | CVD | Pure motor lacunar syndrome | ✓ | ✓ | ✓ |
| G46.6 | CVD | Pure sensory lacunar syndrome | ✓ | ✓ | ✓ |
| G46.7 | CVD | Other lacunar syndromes | ✓ | ✓ | ✓ |
| G46.8 | CVD | Other vascular syndromes of brain in cerebrovascular diseases | ✓ | ✓ | ✓ |
| I01 | CVD | Rheumatic fever with heart involvement | ✓ | ✓ | ✓ |
| I01.0 | CVD | Acute rheumatic pericarditis | ✓ | ✓ | ✓ |
| I01.1 | CVD | Acute rheumatic endocarditis | ✓ | ✓ | ✓ |
| I01.2 | CVD | Acute rheumatic myocarditis | ✓ | ✓ | ✓ |
| I01.8 | CVD | Other acute rheumatic heart disease | ✓ | ✓ | ✓ |
| I01.9 | CVD | Acute rheumatic heart disease, unspecified | ✓ | ✓ | ✓ |
| I02.0 | CVD | Rheumatic chorea with heart involvement | ✓ | ✓ | ✓ |
| I05 | CVD | Rheumatic mitral valve diseases | ✓ | ✓ | ✓ |
| I05.0 | CVD | Mitral stenosis | ✓ | ✓ | ✓ |
| I05.1 | CVD | Rheumatic mitral insufficiency | ✓ | ✓ | ✓ |
| I05.2 | CVD | Mitral stenosis with insufficiency | ✓ | ✓ | ✓ |
| I05.8 | CVD | Other mitral valve diseases | ✓ | ✓ | ✓ |
| I05.9 | CVD | Mitral valve disease, unspecified | ✓ | ✓ | ✓ |
| I06 | CVD | Rheumatic aortic valve diseases | ✓ | ✓ | ✓ |
| I06.0 | CVD | Rheumatic aortic stenosis | ✓ | ✓ | ✓ |
| I06.1 | CVD | Rheumatic aortic insufficiency | ✓ | ✓ | ✓ |
| I06.2 | CVD | Rheumatic aortic stenosis with insufficiency | ✓ | ✓ | ✓ |
| I06.8 | CVD | Other rheumatic aortic valve diseases | ✓ | ✓ | ✓ |
| I06.9 | CVD | Rheumatic aortic valve disease, unspecified | ✓ | ✓ | ✓ |
| I07 | CVD | Rheumatic tricuspid valve diseases | ✓ | ✓ | ✓ |
| I07.0 | CVD | Tricuspid stenosis | ✓ | ✓ | ✓ |
| I07.1 | CVD | Tricuspid insufficiency | ✓ | ✓ | ✓ |
| I07.2 | CVD | Tricuspid stenosis with insufficiency | ✓ | ✓ | ✓ |
| I07.8 | CVD | Other tricuspid valve diseases | ✓ | ✓ | ✓ |
| I07.9 | CVD | Tricuspid valve disease, unspecified | ✓ | ✓ | ✓ |
| I08 | CVD | Multiple valve diseases | ✓ | ✓ | ✓ |
| I08.0 | CVD | Disorders of both mitral and aortic valves | ✓ | ✓ | ✓ |
| I08.1 | CVD | Disorders of both mitral and tricuspid valves | ✓ | ✓ | ✓ |
| I08.2 | CVD | Disorders of both aortic and tricuspid valves | ✓ | ✓ | ✓ |
| I08.3 | CVD | Combined disorders of mitral, aortic and tricuspid valves | ✓ | ✓ | ✓ |
| I08.8 | CVD | Other multiple valve diseases | ✓ | ✓ | ✓ |
| I08.9 | CVD | Multiple valve disease, unspecified | ✓ | ✓ | ✓ |
| I09 | CVD | Other rheumatic heart diseases | ✓ | ✓ | ✓ |
| I09.0 | CVD | Rheumatic myocarditis | ✓ | ✓ | ✓ |
| I09.1 | CVD | Rheumatic diseases of endocardium, valve unspecified | ✓ | ✓ | ✓ |
| I09.2 | CVD | Chronic rheumatic pericarditis | ✓ | ✓ | ✓ |
| I09.8 | CVD | Other specified rheumatic heart diseases | ✓ | ✓ | ✓ |
| I09.9 | CVD | Rheumatic heart disease, unspecified | ✓ | ✓ | ✓ |
| I11 | CVD | Hypertensive heart disease | ✓ | ✓ | ✓ |
| I11.0 | CVD | Hypertensive heart disease with (congestive) heart failure | ✓ | ✓ | ✓ |
| I11.9 | CVD | Hypertensive heart disease without (congestive) heart failure | ✓ | ✓ | ✓ |
| I12 | CVD | Hypertensive renal disease | ✓ | ✓ | ✓ |
| I12.0 | CVD | Hypertensive renal disease with renal failure | ✓ | ✓ | ✓ |
| I12.9 | CVD | Hypertensive renal disease without renal failure | ✓ | ✓ | ✓ |
| I13 | CVD | Hypertensive heart and renal disease | ✓ | ✓ | ✓ |
| I13.0 | CVD | Hypertensive heart and renal disease with (congestive) heart failure | ✓ | ✓ | ✓ |
| I13.1 | CVD | Hypertensive heart and renal disease with renal failure | ✓ | ✓ | ✓ |
| I13.2 | CVD | Hypertensive heart and renal disease with both (congestive) heart failure and renal failure | ✓ | ✓ | ✓ |
| I13.9 | CVD | Hypertensive heart and renal disease, unspecified | ✓ | ✓ | ✓ |
| I15.1 | CVD | Hypertension secondary to other renal disorders | ✓ | ✓ | ✓ |
| I20 | CVD | Angina pectoris | ✓ | ✓ | ✓ |
| I20.0 | CVD | Unstable angina | ✓ | ✓ | ✓ |
| I20.1 | CVD | Angina pectoris with documented spasm | ✓ | ✓ | ✓ |
| I20.8 | CVD | Other forms of angina pectoris | ✓ | ✓ | ✓ |
| I20.9 | CVD | Angina pectoris, unspecified | ✓ | ✓ | ✓ |
| I21 | CVD | Acute myocardial infarction | ✓ | ✓ | ✓ |
| I21.0 | CVD | Acute transmural myocardial infarction of anterior wall | ✓ | ✓ | ✓ |
| I21.1 | CVD | Acute transmural myocardial infarction of inferior wall | ✓ | ✓ | ✓ |
| I21.2 | CVD | Acute transmural myocardial infarction of other sites | ✓ | ✓ | ✓ |
| I21.3 | CVD | Acute transmural myocardial infarction of unspecified site | ✓ | ✓ | ✓ |
| I21.4 | CVD | Acute subendocardial myocardial infarction | ✓ | ✓ | ✓ |
| I21.9 | CVD | Acute myocardial infarction, unspecified | ✓ | ✓ | ✓ |
| I22 | CVD | Subsequent myocardial infarction | ✓ | ✓ | ✓ |
| I22.0 | CVD | Subsequent myocardial infarction of anterior wall | ✓ | ✓ | ✓ |
| I22.1 | CVD | Subsequent myocardial infarction of inferior wall | ✓ | ✓ | ✓ |
| I22.8 | CVD | Subsequent myocardial infarction of other sites | ✓ | ✓ | ✓ |
| I22.9 | CVD | Subsequent myocardial infarction of unspecified site | ✓ | ✓ | ✓ |
| I23 | CVD | Certain current complications following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.0 | CVD | Haemopericardium as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.1 | CVD | Atrial septal defect as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.2 | CVD | Ventricular septal defect as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.3 | CVD | Rupture of cardiac wall without haemopericardium as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.4 | CVD | Rupture of chordae tendineae as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.5 | CVD | Rupture of papillary muscle as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.6 | CVD | Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.8 | CVD | Other current complications following acute myocardial infarction | ✓ | ✓ | ✓ |
| I24 | CVD | Other acute ischaemic heart diseases | ✓ | ✓ | ✓ |
| I24.0 | CVD | Coronary thrombosis not resulting in myocardial infarction | ✓ | ✓ | ✓ |
| I24.1 | CVD | Dressler syndrome | ✓ | ✓ | ✓ |
| I24.8 | CVD | Other forms of acute ischaemic heart disease | ✓ | ✓ | ✓ |
| I24.9 | CVD | Acute ischaemic heart disease, unspecified | ✓ | ✓ | ✓ |
| I25 | CVD | Chronic ischaemic heart disease | ✓ | ✓ | ✓ |
| I25.0 | CVD | Atherosclerotic cardiovascular disease, so described | ✓ | ✓ | ✓ |
| I25.1 | CVD | Atherosclerotic heart disease | ✓ | ✓ | ✓ |
| I25.2 | CVD | Old myocardial infarction | ✓ | ✓ | ✓ |
| I25.3 | CVD | Aneurysm of heart | ✓ | ✓ | ✓ |
| I25.4 | CVD | Coronary artery aneurysm | ✓ | ✓ | ✓ |
| I25.5 | CVD | Ischaemic cardiomyopathy | ✓ | ✓ | ✓ |
| I25.6 | CVD | Silent myocardial ischaemia | ✓ | ✓ | ✓ |
| I25.8 | CVD | Other forms of chronic ischaemic heart disease | ✓ | ✓ | ✓ |
| I25.9 | CVD | Chronic ischaemic heart disease, unspecified | ✓ | ✓ | ✓ |
| I26 | CVD | Pulmonary embolism | ✓ | ✓ | ✓ |
| I26.0 | CVD | Pulmonary embolism with mention of acute cor pulmonale | ✓ | ✓ | ✓ |
| I26.9 | CVD | Pulmonary embolism without mention of acute cor pulmonale | ✓ | ✓ | ✓ |
| I27 | CVD | Other pulmonary heart diseases | ✓ | ✓ | ✓ |
| I27.0 | CVD | Primary pulmonary hypertension | ✓ | ✓ | ✓ |
| I27.1 | CVD | Kyphoscoliotic heart disease | ✓ | ✓ | ✓ |
| I27.2 | CVD | Other secondary pulmonary hypertension | ✓ | ✓ | ✓ |
| I27.8 | CVD | Other specified pulmonary heart diseases | ✓ | ✓ | ✓ |
| I27.9 | CVD | Pulmonary heart disease, unspecified | ✓ | ✓ | ✓ |
| I28 | CVD | Other diseases of pulmonary vessels | ✓ | ✓ | ✓ |
| I28.0 | CVD | Arteriovenous fistula of pulmonary vessels | ✓ | ✓ | ✓ |
| I28.1 | CVD | Aneurysm of pulmonary artery | ✓ | ✓ | ✓ |
| I28.8 | CVD | Other specified diseases of pulmonary vessels | ✓ | ✓ | ✓ |
| I28.9 | CVD | Disease of pulmonary vessels, unspecified | ✓ | ✓ | ✓ |
| I30 | CVD | Acute pericarditis | ✓ | ✓ | ✓ |
| I30.0 | CVD | Acute nonspecific idiopathic pericarditis | ✓ | ✓ | ✓ |
| I30.1 | CVD | Infective pericarditis | ✓ | ✓ | ✓ |
| I30.8 | CVD | Other forms of acute pericarditis | ✓ | ✓ | ✓ |
| I30.9 | CVD | Acute pericarditis, unspecified | ✓ | ✓ | ✓ |
| I31 | CVD | Other diseases of pericardium | ✓ | ✓ | ✓ |
| I31.0 | CVD | Chronic adhesive pericarditis | ✓ | ✓ | ✓ |
| I31.1 | CVD | Chronic constrictive pericarditis | ✓ | ✓ | ✓ |
| I31.2 | CVD | Haemopericardium, not elsewhere classified | ✓ | ✓ | ✓ |
| I31.3 | CVD | Pericardial effusion (noninflammatory) | ✓ | ✓ | ✓ |
| I31.8 | CVD | Other specified diseases of pericardium | ✓ | ✓ | ✓ |
| I31.9 | CVD | Disease of pericardium, unspecified | ✓ | ✓ | ✓ |
| I32 | CVD | Pericarditis in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I32.0 | CVD | Pericarditis in bacterial diseases classified elsewhere | ✓ | ✓ | ✓ |
| I32.1 | CVD | Pericarditis in other infectious and parasitic diseases classified elsewhere | ✓ | ✓ | ✓ |
| I32.8 | CVD | Pericarditis in other diseases classified elsewhere | ✓ | ✓ | ✓ |
| I33 | CVD | Acute and subacute endocarditis | ✓ | ✓ | ✓ |
| I33.0 | CVD | Acute and subacute infective endocarditis | ✓ | ✓ | ✓ |
| I33.9 | CVD | Acute endocarditis, unspecified | ✓ | ✓ | ✓ |
| I34 | CVD | Nonrheumatic mitral valve disorders | ✓ | ✓ | ✓ |
| I34.0 | CVD | Mitral (valve) insufficiency | ✓ | ✓ | ✓ |
| I34.1 | CVD | Mitral (valve) prolapse | ✓ | ✓ | ✓ |
| I34.2 | CVD | Nonrheumatic mitral (valve) stenosis | ✓ | ✓ | ✓ |
| I34.8 | CVD | Other nonrheumatic mitral valve disorders | ✓ | ✓ | ✓ |
| I34.9 | CVD | Nonrheumatic mitral valve disorder, unspecified | ✓ | ✓ | ✓ |
| I35 | CVD | Nonrheumatic aortic valve disorders | ✓ | ✓ | ✓ |
| I35.0 | CVD | Aortic (valve) stenosis | ✓ | ✓ | ✓ |
| I35.1 | CVD | Aortic (valve) insufficiency | ✓ | ✓ | ✓ |
| I35.2 | CVD | Aortic (valve) stenosis with insufficiency | ✓ | ✓ | ✓ |
| I35.8 | CVD | Other aortic valve disorders | ✓ | ✓ | ✓ |
| I35.9 | CVD | Aortic valve disorder, unspecified | ✓ | ✓ | ✓ |
| I36 | CVD | Nonrheumatic tricuspid valve disorders | ✓ | ✓ | ✓ |
| I36.0 | CVD | Nonrheumatic tricuspid (valve) stenosis | ✓ | ✓ | ✓ |
| I36.1 | CVD | Nonrheumatic tricuspid (valve) insufficiency | ✓ | ✓ | ✓ |
| I36.2 | CVD | Nonrheumatic tricuspid (valve) stenosis with insufficiency | ✓ | ✓ | ✓ |
| I36.8 | CVD | Other nonrheumatic tricuspid valve disorders | ✓ | ✓ | ✓ |
| I36.9 | CVD | Nonrheumatic tricuspid valve disorder, unspecified | ✓ | ✓ | ✓ |
| I37 | CVD | Pulmonary valve disorders | ✓ | ✓ | ✓ |
| I37.0 | CVD | Pulmonary valve stenosis | ✓ | ✓ | ✓ |
| I37.1 | CVD | Pulmonary valve insufficiency | ✓ | ✓ | ✓ |
| I37.2 | CVD | Pulmonary valve stenosis with insufficiency | ✓ | ✓ | ✓ |
| I37.8 | CVD | Other pulmonary valve disorders | ✓ | ✓ | ✓ |
| I37.9 | CVD | Pulmonary valve disorder, unspecified | ✓ | ✓ | ✓ |
| I38 | CVD | Endocarditis, valve unspecified | ✓ | ✓ | ✓ |
| I39 | CVD | Endocarditis and heart valve disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I39.0 | CVD | Mitral valve disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I39.1 | CVD | Aortic valve disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I39.2 | CVD | Tricuspid valve disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I39.3 | CVD | Pulmonary valve disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I39.4 | CVD | Multiple valve disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I39.8 | CVD | Endocarditis, valve unspecified, in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I40 | CVD | Acute myocarditis | ✓ | ✓ | ✓ |
| I40.0 | CVD | Infective myocarditis | ✓ | ✓ | ✓ |
| I40.1 | CVD | Isolated myocarditis | ✓ | ✓ | ✓ |
| I40.8 | CVD | Other acute myocarditis | ✓ | ✓ | ✓ |
| I40.9 | CVD | Acute myocarditis, unspecified | ✓ | ✓ | ✓ |
| I41 | CVD | Myocarditis in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I41.0 | CVD | Myocarditis in bacterial diseases classified elsewhere | ✓ | ✓ | ✓ |
| I41.1 | CVD | Myocarditis in viral diseases classified elsewhere | ✓ | ✓ | ✓ |
| I41.2 | CVD | Myocarditis in other infectious and parasitic diseases classified elsewhere | ✓ | ✓ | ✓ |
| I41.8 | CVD | Myocarditis in other diseases classified elsewhere | ✓ | ✓ | ✓ |
| I42 | CVD | Cardiomyopathy | ✓ | ✓ | ✓ |
| I42.0 | CVD | Dilated cardiomyopathy | ✓ | ✓ | ✓ |
| I42.1 | CVD | Obstructive hypertrophic cardiomyopathy | ✓ | ✓ | ✓ |
| I42.2 | CVD | Other hypertrophic cardiomyopathy | ✓ | ✓ | ✓ |
| I42.3 | CVD | Endomyocardial (eosinophilic) disease | ✓ | ✓ | ✓ |
| I42.4 | CVD | Endocardial fibroelastosis | ✓ | ✓ | ✓ |
| I42.5 | CVD | Other restrictive cardiomyopathy | ✓ | ✓ | ✓ |
| I42.6 | CVD | Alcoholic cardiomyopathy | ✓ | ✓ | ✓ |
| I42.7 | CVD | Cardiomyopathy due to drugs and other external agents | ✓ | ✓ | ✓ |
| I42.8 | CVD | Other cardiomyopathies | ✓ | ✓ | ✓ |
| I42.9 | CVD | Cardiomyopathy, unspecified | ✓ | ✓ | ✓ |
| I43 | CVD | Cardiomyopathy in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I43.0 | CVD | Cardiomyopathy in infectious and parasitic diseases classified elsewhere | ✓ | ✓ | ✓ |
| I43.1 | CVD | Cardiomyopathy in metabolic diseases | ✓ | ✓ | ✓ |
| I43.2 | CVD | Cardiomyopathy in nutritional diseases | ✓ | ✓ | ✓ |
| I43.8 | CVD | Cardiomyopathy in other diseases classified elsewhere | ✓ | ✓ | ✓ |
| I44 | CVD | Atrioventricular and left bundle-branch block | ✓ | ✓ | ✓ |
| I44.0 | CVD | Atrioventricular block, first degree | ✓ | ✓ | ✓ |
| I44.1 | CVD | Atrioventricular block, second degree | ✓ | ✓ | ✓ |
| I44.2 | CVD | Atrioventricular block, complete | ✓ | ✓ | ✓ |
| I44.3 | CVD | Other and unspecified atrioventricular block | ✓ | ✓ | ✓ |
| I44.4 | CVD | Left anterior fascicular block | ✓ | ✓ | ✓ |
| I44.5 | CVD | Left posterior fascicular block | ✓ | ✓ | ✓ |
| I44.6 | CVD | Other and unspecified fascicular block | ✓ | ✓ | ✓ |
| I44.7 | CVD | Left bundle-branch block, unspecified | ✓ | ✓ | ✓ |
| I45 | CVD | Other conduction disorders | ✓ | ✓ | ✓ |
| I45.0 | CVD | Right fascicular block | ✓ | ✓ | ✓ |
| I45.1 | CVD | Other and unspecified right bundle-branch block | ✓ | ✓ | ✓ |
| I45.2 | CVD | Bifascicular block | ✓ | ✓ | ✓ |
| I45.3 | CVD | Trifascicular block | ✓ | ✓ | ✓ |
| I45.4 | CVD | Nonspecific intraventricular block | ✓ | ✓ | ✓ |
| I45.5 | CVD | Other specified heart block | ✓ | ✓ | ✓ |
| I45.6 | CVD | Pre-excitation syndrome | ✓ | ✓ | ✓ |
| I45.8 | CVD | Other specified conduction disorders | ✓ | ✓ | ✓ |
| I45.9 | CVD | Conduction disorder, unspecified | ✓ | ✓ | ✓ |
| I46 | CVD | Cardiac arrest | ✓ | ✓ | ✓ |
| I46.0 | CVD | Cardiac arrest with successful resuscitation | ✓ | ✓ | ✓ |
| I46.1 | CVD | Sudden cardiac death, so described | ✓ | ✓ | ✓ |
| I46.9 | CVD | Cardiac arrest, unspecified | ✓ | ✓ | ✓ |
| I47 | CVD | Paroxysmal tachycardia | ✓ | ✓ | ✓ |
| I47.0 | CVD | Re-entry ventricular arrhythmia | ✓ | ✓ | ✓ |
| I47.1 | CVD | Supraventricular tachycardia | ✓ | ✓ | ✓ |
| I47.2 | CVD | Ventricular tachycardia | ✓ | ✓ | ✓ |
| I47.9 | CVD | Paroxysmal tachycardia, unspecified | ✓ | ✓ | ✓ |
| I48 | CVD | Atrial fibrillation and flutter | ✓ | ✓ | ✓ |
| I48.0 | CVD | Paroxysmal atrial fibrillation | ✓ | ✓ | ✓ |
| I48.1 | CVD | Persistent atrial fibrillation | ✓ | ✓ | ✓ |
| I48.2 | CVD | Chronic atrial fibrillation | ✓ | ✓ | ✓ |
| I48.3 | CVD | Typical atrial flutter | ✓ | ✓ | ✓ |
| I48.4 | CVD | Atypical atrial flutter | ✓ | ✓ | ✓ |
| I48.9 | CVD | Atrial fibrillation and atrial flutter, unspecified | ✓ | ✓ | ✓ |
| I49 | CVD | Other cardiac arrhythmias | ✓ | ✓ | ✓ |
| I49.0 | CVD | Ventricular fibrillation and flutter | ✓ | ✓ | ✓ |
| I49.1 | CVD | Atrial premature depolarization | ✓ | ✓ | ✓ |
| I49.2 | CVD | Junctional premature depolarization | ✓ | ✓ | ✓ |
| I49.3 | CVD | Ventricular premature depolarization | ✓ | ✓ | ✓ |
| I49.4 | CVD | Other and unspecified premature depolarization | ✓ | ✓ | ✓ |
| I49.5 | CVD | Sick sinus syndrome | ✓ | ✓ | ✓ |
| I49.8 | CVD | Other specified cardiac arrhythmias | ✓ | ✓ | ✓ |
| I49.9 | CVD | Cardiac arrhythmia, unspecified | ✓ | ✓ | ✓ |
| I50 | CVD | Heart failure | ✓ | ✓ | ✓ |
| I50.0 | CVD | Congestive heart failure | ✓ | ✓ | ✓ |
| I50.1 | CVD | Left ventricular failure | ✓ | ✓ | ✓ |
| I50.9 | CVD | Heart failure, unspecified | ✓ | ✓ | ✓ |
| I51 | CVD | Complications and ill-defined descriptions of heart disease | ✓ | ✓ | ✓ |
| I51.0 | CVD | Cardiac septal defect, acquired | ✓ | ✓ | ✓ |
| I51.1 | CVD | Rupture of chordae tendineae, not elsewhere classified | ✓ | ✓ | ✓ |
| I51.2 | CVD | Rupture of papillary muscle, not elsewhere classified | ✓ | ✓ | ✓ |
| I51.3 | CVD | Intracardiac thrombosis, not elsewhere classified | ✓ | ✓ | ✓ |
| I51.4 | CVD | Myocarditis, unspecified | ✓ | ✓ | ✓ |
| I51.5 | CVD | Myocardial degeneration | ✓ | ✓ | ✓ |
| I51.6 | CVD | Cardiovascular disease, unspecified | ✓ | ✓ | ✓ |
| I51.7 | CVD | Cardiomegaly | ✓ | ✓ | ✓ |
| I51.8 | CVD | Other ill-defined heart diseases | ✓ | ✓ | ✓ |
| I51.9 | CVD | Heart disease, unspecified | ✓ | ✓ | ✓ |
| I52 | CVD | Other heart disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I52.0 | CVD | Other heart disorders in bacterial diseases classified elsewhere | ✓ | ✓ | ✓ |
| I52.1 | CVD | Other heart disorders in other infectious and parasitic diseases classified elsewhere | ✓ | ✓ | ✓ |
| I52.8 | CVD | Other heart disorders in other diseases classified elsewhere | ✓ | ✓ | ✓ |
| I60 | CVD | Subarachnoid haemorrhage | ✓ | ✓ | ✓ |
| I60.0 | CVD | Subarachnoid haemorrhage from carotid siphon and bifurcation | ✓ | ✓ | ✓ |
| I60.1 | CVD | Subarachnoid haemorrhage from middle cerebral artery | ✓ | ✓ | ✓ |
| I60.2 | CVD | Subarachnoid haemorrhage from anterior communicating artery | ✓ | ✓ | ✓ |
| I60.3 | CVD | Subarachnoid haemorrhage from posterior communicating artery | ✓ | ✓ | ✓ |
| I60.4 | CVD | Subarachnoid haemorrhage from basilar artery | ✓ | ✓ | ✓ |
| I60.5 | CVD | Subarachnoid haemorrhage from vertebral artery | ✓ | ✓ | ✓ |
| I60.6 | CVD | Subarachnoid haemorrhage from other intracranial arteries | ✓ | ✓ | ✓ |
| I60.7 | CVD | Subarachnoid haemorrhage from intracranial artery, unspecified | ✓ | ✓ | ✓ |
| I60.8 | CVD | Other subarachnoid haemorrhage | ✓ | ✓ | ✓ |
| I60.9 | CVD | Subarachnoid haemorrhage, unspecified | ✓ | ✓ | ✓ |
| I61 | CVD | Intracerebral haemorrhage | ✓ | ✓ | ✓ |
| I61.0 | CVD | Intracerebral haemorrhage in hemisphere, subcortical | ✓ | ✓ | ✓ |
| I61.1 | CVD | Intracerebral haemorrhage in hemisphere, cortical | ✓ | ✓ | ✓ |
| I61.2 | CVD | Intracerebral haemorrhage in hemisphere, unspecified | ✓ | ✓ | ✓ |
| I61.3 | CVD | Intracerebral haemorrhage in brain stem | ✓ | ✓ | ✓ |
| I61.4 | CVD | Intracerebral haemorrhage in cerebellum | ✓ | ✓ | ✓ |
| I61.5 | CVD | Intracerebral haemorrhage, intraventricular | ✓ | ✓ | ✓ |
| I61.6 | CVD | Intracerebral haemorrhage, multiple localized | ✓ | ✓ | ✓ |
| I61.8 | CVD | Other intracerebral haemorrhage | ✓ | ✓ | ✓ |
| I61.9 | CVD | Intracerebral haemorrhage, unspecified | ✓ | ✓ | ✓ |
| I62 | CVD | Other nontraumatic intracranial haemorrhage | ✓ | ✓ | ✓ |
| I62.0 | CVD | Subdural haemorrhage (acute)(nontraumatic) | ✓ | ✓ | ✓ |
| I62.1 | CVD | Nontraumatic extradural haemorrhage | ✓ | ✓ | ✓ |
| I62.9 | CVD | Intracranial haemorrhage (nontraumatic), unspecified | ✓ | ✓ | ✓ |
| I63 | CVD | Cerebral infarction | ✓ | ✓ | ✓ |
| I63.0 | CVD | Cerebral infarction due to thrombosis of precerebral arteries | ✓ | ✓ | ✓ |
| I63.1 | CVD | Cerebral infarction due to embolism of precerebral arteries | ✓ | ✓ | ✓ |
| I63.2 | CVD | Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries | ✓ | ✓ | ✓ |
| I63.3 | CVD | Cerebral infarction due to thrombosis of cerebral arteries | ✓ | ✓ | ✓ |
| I63.4 | CVD | Cerebral infarction due to embolism of cerebral arteries | ✓ | ✓ | ✓ |
| I63.5 | CVD | Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries | ✓ | ✓ | ✓ |
| I63.6 | CVD | Cerebral infarction due to cerebral venous thrombosis, nonpyogenic | ✓ | ✓ | ✓ |
| I63.8 | CVD | Other cerebral infarction | ✓ | ✓ | ✓ |
| I63.9 | CVD | Cerebral infarction, unspecified | ✓ | ✓ | ✓ |
| I64 | CVD | Stroke, not specified as haemorrhage or infarction | ✓ | ✓ | ✓ |
| I65 | CVD | Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction | ✓ | ✓ | ✓ |
| I65.0 | CVD | Occlusion and stenosis of vertebral artery | ✓ | ✓ | ✓ |
| I65.1 | CVD | Occlusion and stenosis of basilar artery | ✓ | ✓ | ✓ |
| I65.2 | CVD | Occlusion and stenosis of carotid artery | ✓ | ✓ | ✓ |
| I65.3 | CVD | Occlusion and stenosis of multiple and bilateral precerebral arteries | ✓ | ✓ | ✓ |
| I65.8 | CVD | Occlusion and stenosis of other precerebral artery | ✓ | ✓ | ✓ |
| I65.9 | CVD | Occlusion and stenosis of unspecified precerebral artery | ✓ | ✓ | ✓ |
| I66 | CVD | Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction | ✓ | ✓ | ✓ |
| I66.0 | CVD | Occlusion and stenosis of middle cerebral artery | ✓ | ✓ | ✓ |
| I66.1 | CVD | Occlusion and stenosis of anterior cerebral artery | ✓ | ✓ | ✓ |
| I66.2 | CVD | Occlusion and stenosis of posterior cerebral artery | ✓ | ✓ | ✓ |
| I66.3 | CVD | Occlusion and stenosis of cerebellar arteries | ✓ | ✓ | ✓ |
| I66.4 | CVD | Occlusion and stenosis of multiple and bilateral cerebral arteries | ✓ | ✓ | ✓ |
| I66.8 | CVD | Occlusion and stenosis of other cerebral artery | ✓ | ✓ | ✓ |
| I66.9 | CVD | Occlusion and stenosis of unspecified cerebral artery | ✓ | ✓ | ✓ |
| I67 | CVD | Other cerebrovascular diseases | ✓ | ✓ | ✓ |
| I67.0 | CVD | Dissection of cerebral arteries, nonruptured | ✓ | ✓ | ✓ |
| I67.1 | CVD | Cerebral aneurysm, nonruptured | ✓ | ✓ | ✓ |
| I67.2 | CVD | Cerebral atherosclerosis | ✓ | ✓ | ✓ |
| I67.3 | CVD | Progressive vascular leukoencephalopathy | ✓ | ✓ | ✓ |
| I67.4 | CVD | Hypertensive encephalopathy | ✓ | ✓ | ✓ |
| I67.5 | CVD | Moyamoya disease | ✓ | ✓ | ✓ |
| I67.6 | CVD | Nonpyogenic thrombosis of intracranial venous system | ✓ | ✓ | ✓ |
| I67.7 | CVD | Cerebral arteritis, not elsewhere classified | ✓ | ✓ | ✓ |
| I67.8 | CVD | Other specified cerebrovascular diseases | ✓ | ✓ | ✓ |
| I67.9 | CVD | Cerebrovascular disease, unspecified | ✓ | ✓ | ✓ |
| I68 | CVD | Cerebrovascular disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I68.0 | CVD | Cerebral amyloid angiopathy | ✓ | ✓ | ✓ |
| I68.1 | CVD | Cerebral arteritis in infectious and parasitic diseases classified elsewhere | ✓ | ✓ | ✓ |
| I68.2 | CVD | Cerebral arteritis in other diseases classified elsewhere | ✓ | ✓ | ✓ |
| I68.8 | CVD | Other cerebrovascular disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I69 | CVD | Sequelae of cerebrovascular disease | ✓ | ✓ | ✓ |
| I69.0 | CVD | Sequelae of subarachnoid haemorrhage | ✓ | ✓ | ✓ |
| I69.1 | CVD | Sequelae of intracerebral haemorrhage | ✓ | ✓ | ✓ |
| I69.2 | CVD | Sequelae of other nontraumatic intracranial haemorrhage | ✓ | ✓ | ✓ |
| I69.3 | CVD | Sequelae of cerebral infarction | ✓ | ✓ | ✓ |
| I69.4 | CVD | Sequelae of stroke, not specified as haemorrhage or infarction | ✓ | ✓ | ✓ |
| I69.8 | CVD | Sequelae of other and unspecified cerebrovascular diseases | ✓ | ✓ | ✓ |
| I70 | CVD | Atherosclerosis | ✓ | ✓ | ✓ |
| I70.0 | CVD | Atherosclerosis of aorta | ✓ | ✓ | ✓ |
| I70.1 | CVD | Atherosclerosis of renal artery | ✓ | ✓ | ✓ |
| I70.2 | CVD | Atherosclerosis of arteries of extremities | ✓ | ✓ | ✓ |
| I70.8 | CVD | Atherosclerosis of other arteries | ✓ | ✓ | ✓ |
| I70.9 | CVD | Generalized and unspecified atherosclerosis | ✓ | ✓ | ✓ |
| I71 | CVD | Aortic aneurysm and dissection | ✓ | ✓ | ✓ |
| I71.0 | CVD | Dissection of aorta [any part] | ✓ | ✓ | ✓ |
| I71.1 | CVD | Thoracic aortic aneurysm, ruptured | ✓ | ✓ | ✓ |
| I71.2 | CVD | Thoracic aortic aneurysm, without mention of rupture | ✓ | ✓ | ✓ |
| I71.3 | CVD | Abdominal aortic aneurysm, ruptured | ✓ | ✓ | ✓ |
| I71.4 | CVD | Abdominal aortic aneurysm, without mention of rupture | ✓ | ✓ | ✓ |
| I71.5 | CVD | Thoracoabdominal aortic aneurysm, ruptured | ✓ | ✓ | ✓ |
| I71.6 | CVD | Thoracoabdominal aortic aneurysm, without mention of rupture | ✓ | ✓ | ✓ |
| I71.8 | CVD | Aortic aneurysm of unspecified site, ruptured | ✓ | ✓ | ✓ |
| I71.9 | CVD | Aortic aneurysm of unspecified site, without mention of rupture | ✓ | ✓ | ✓ |
| I72 | CVD | Other aneurysm and dissection | ✓ | ✓ | ✓ |
| I72.0 | CVD | Aneurysm and dissection of carotid artery | ✓ | ✓ | ✓ |
| I72.1 | CVD | Aneurysm and dissection of artery of upper extremity | ✓ | ✓ | ✓ |
| I72.2 | CVD | Aneurysm and dissection of renal artery | ✓ | ✓ | ✓ |
| I72.3 | CVD | Aneurysm and dissection of iliac artery | ✓ | ✓ | ✓ |
| I72.4 | CVD | Aneurysm and dissection of artery of lower extremity | ✓ | ✓ | ✓ |
| I72.5 | CVD | Aneurysm and dissection of other precerebral arteries | ✓ | ✓ | ✓ |
| I72.6 | CVD | Aneurysm and dissection of vertebral artery | ✓ | ✓ | ✓ |
| I72.8 | CVD | Aneurysm and dissection of other specified arteries | ✓ | ✓ | ✓ |
| I72.9 | CVD | Aneurysm and dissection of unspecified site | ✓ | ✓ | ✓ |
| I73 | CVD | Other peripheral vascular diseases | ✓ | ✓ | ✓ |
| I73.0 | CVD | Raynaud syndrome | ✓ | ✓ | ✓ |
| I73.1 | CVD | Thromboangiitis obliterans [Buerger] | ✓ | ✓ | ✓ |
| I73.8 | CVD | Other specified peripheral vascular diseases | ✓ | ✓ | ✓ |
| I73.9 | CVD | Peripheral vascular disease, unspecified | ✓ | ✓ | ✓ |
| I74 | CVD | Arterial embolism and thrombosis | ✓ | ✓ | ✓ |
| I74.0 | CVD | Embolism and thrombosis of abdominal aorta | ✓ | ✓ | ✓ |
| I74.1 | CVD | Embolism and thrombosis of other and unspecified parts of aorta | ✓ | ✓ | ✓ |
| I74.2 | CVD | Embolism and thrombosis of arteries of upper extremities | ✓ | ✓ | ✓ |
| I74.3 | CVD | Embolism and thrombosis of arteries of lower extremities | ✓ | ✓ | ✓ |
| I74.4 | CVD | Embolism and thrombosis of arteries of extremities, unspecified | ✓ | ✓ | ✓ |
| I74.5 | CVD | Embolism and thrombosis of iliac artery | ✓ | ✓ | ✓ |
| I74.8 | CVD | Embolism and thrombosis of other arteries | ✓ | ✓ | ✓ |
| I74.9 | CVD | Embolism and thrombosis of unspecified artery | ✓ | ✓ | ✓ |
| Z94.1 | CVD | Heart transplant status | ✓ | ✓ | ✓ |
| Z95 | CVD | Presence of cardiac and vascular implants and grafts | ✓ | ✓ | ✓ |
| Z95.0 | CVD | Presence of electronic cardiac devices | ✓ | ✓ | ✓ |
| Z95.1 | CVD | Presence of aortocoronary bypass graft | ✓ | ✓ | ✓ |
| Z95.2 | CVD | Presence of prosthetic heart valve | ✓ | ✓ | ✓ |
| Z95.3 | CVD | Presence of xenogenic heart valve | ✓ | ✓ | ✓ |
| Z95.4 | CVD | Presence of other heart-valve replacement | ✓ | ✓ | ✓ |
| Z95.5 | CVD | Presence of coronary angioplasty implant and graft | ✓ | ✓ | ✓ |
| Z95.8 | CVD | Presence of other cardiac and vascular implants and grafts | ✓ | ✓ | ✓ |
| Z95.9 | CVD | Presence of cardiac and vascular implant and graft, unspecified | ✓ | ✓ | ✓ |
| C00-C97 except C44 | | Malignant neoplasms except non-melanoma skin cancer | ✓ | ✓ | ✓ |

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| --- | --- | --- | --- | --- | --- |
| ICD-9 | Type | Description | UK | CA | ES |
| 250.40 | MET | Diabetes with renal manifestations, type II or unspecified type, not stated as uncontrolled | X | ✓ | X |
| 250.42 | MET | Diabetes with renal manifestations, type II or unspecified type, uncontrolled | X | ✓ | X |
| 250.70 | MET | Diabetes with peripheral circulatory disorders, type II or unspecified type, not stated as uncontrolled | X | ✓ | X |
| 250.72 | MET | Diabetes with peripheral circulatory disorders, type II or unspecified type, uncontrolled | X | ✓ | X |
| 250.90 | MET | Diabetes with unspecified complication, type II or unspecified type, not stated as uncontrolled | X | ✓ | X |
| 250.92 | MET | Diabetes with unspecified complication, type II or unspecified type, uncontrolled | X | ✓ | X |
| 580.0 | KD | Acute glomerulonephritis with lesion of proliferative glomerulonephritis | X | ✓ | X |
| 580.4 | KD | Acute glomerulonephritis with lesion of rapidly progressive glomerulonephritis | X | ✓ | X |
| 580.81 | KD | Acute glomerulonephritis in diseases classified elsewhere | X | ✓ | X |
| 580.89 | KD | Acute glomerulonephritis with other specified pathological lesion in kidney | X | ✓ | X |
| 580.9 | KD | Acute glomerulonephritis with unspecified pathological lesion in kidney | X | ✓ | X |
| 581.0 | KD | Nephrotic syndrome with lesion of proliferative glomerulonephritis | X | ✓ | X |
| 581.1 | KD | Nephrotic syndrome with lesion of membranous glomerulonephritis | X | ✓ | X |
| 581.2 | KD | Nephrotic syndrome with lesion of membranoproliferative glomerulonephritis | X | ✓ | X |
| 581.3 | KD | Nephrotic syndrome with lesion of minimal change glomerulonephritis | X | ✓ | X |
| 581.81 | KD | Nephrotic syndrome in diseases classified elsewhere | X | ✓ | X |
| 581.89 | KD | Nephrotic syndrome with other specified pathological lesion in kidney | X | ✓ | X |
| 581.9 | KD | Nephrotic syndrome with unspecified pathological lesion in kidney | X | ✓ | X |
| 582.0 | KD | Chronic glomerulonephritis with lesion of proliferative glomerulonephritis | X | ✓ | X |
| 582.1 | KD | Chronic glomerulonephritis with lesion of membranous glomerulonephritis | X | ✓ | X |
| 582.2 | KD | Chronic glomerulonephritis with lesion of membranoproliferative glomerulonephritis | X | ✓ | X |
| 582.4 | KD | Chronic glomerulonephritis with lesion of rapidly progressive glomerulonephritis | X | ✓ | X |
| 582.81 | KD | Chronic glomerulonephritis in diseases classified elsewhere | X | ✓ | X |
| 582.89 | KD | Chronic glomerulonephritis with other specified pathological lesion in kidney | X | ✓ | X |
| 582.9 | KD | Chronic glomerulonephritis with unspecified pathological lesion in kidney | X | ✓ | X |
| 583.0 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of proliferative glomerulonephritis | X | ✓ | X |
| 583.1 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of membranous glomerulonephritis | X | ✓ | X |
| 583.2 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of membranoproliferative glomerulonephritis | X | ✓ | X |
| 583.4 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of rapidly progressive glomerulonephritis | X | ✓ | X |
| 583.6 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of renal cortical necrosis | X | ✓ | X |
| 583.7 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of renal medullary necrosis | X | ✓ | X |
| 583.81 | KD | Nephritis and nephropathy, not specified as acute or chronic, in diseases classified elsewhere | X | ✓ | X |
| 583.89 | KD | Nephritis and nephropathy, not specified as acute or chronic, with other specified pathological lesion in kidney | X | ✓ | X |
| 583.9 | KD | Nephritis and nephropathy, not specified as acute or chronic, with unspecified pathological lesion in kidney | X | ✓ | X |
| 584.5 | KD | Acute kidney failure with lesion of tubular necrosis | X | ✓ | X |
| 584.6 | KD | Acute kidney failure with lesion of renal cortical necrosis | X | ✓ | X |
| 584.7 | KD | Acute kidney failure with lesion of renal medullary [papillary] necrosis | X | ✓ | X |
| 584.8 | KD | Acute kidney failure with other specified pathological lesion in kidney | X | ✓ | X |
| 584.9 | KD | Acute kidney failure, unspecified | X | ✓ | X |
| 585.1 | KD | Chronic kidney disease, Stage I | X | ✓ | X |
| 585.2 | KD | Chronic kidney disease, Stage II (mild) | X | ✓ | X |
| 585.3 | KD | Chronic kidney disease, Stage III (moderate) | X | ✓ | X |
| 585.4 | KD | Chronic kidney disease, Stage IV (severe) | X | ✓ | X |
| 585.5 | KD | Chronic kidney disease, Stage V | X | ✓ | X |
| 585.6 | KD | End stage renal disease | X | ✓ | X |
| 585.9 | KD | Chronic kidney disease, unspecified | X | ✓ | X |
| 586 | KD | Renal failure, unspecified | X | ✓ | X |
| 587 | KD | Renal sclerosis, unspecified | X | ✓ | X |
| 590.00 | KD | Chronic pyelonephritis without lesion of renal medullary necrosis | X | ✓ | X |
| 590.01 | KD | Chronic pyelonephritis with lesion of renal medullary necrosis | X | ✓ | X |
| 590.10 | KD | Acute pyelonephritis without lesion of renal medullary necrosis | X | ✓ | X |
| 590.11 | KD | Acute pyelonephritis with lesion of renal medullary necrosis | X | ✓ | X |
| 590.2 | KD | Renal and perinephric abscess | X | ✓ | X |
| 590.3 | KD | Pyeloureteritis cystica | X | ✓ | X |
| 590.80 | KD | Pyelonephritis, unspecified | X | ✓ | X |
| 590.81 | KD | Pyelitis or pyelonephritis in diseases classified elsewhere | X | ✓ | X |
| 590.9 | KD | Infection of kidney, unspecified | X | ✓ | X |
| 591 | KD | Hydronephrosis | X | ✓ | X |
| 593.3 | KD | Stricture or kinking of ureter | X | ✓ | X |
| 593.4 | KD | Other ureteric obstruction | X | ✓ | X |
| 593.5 | KD | Hydroureter | X | ✓ | X |
| 593.6 | KD | Postural proteinuria | X | ✓ | X |
| 593.70 | KD | Vesicoureteral reflux unspecified or without reflux nephropathy | X | ✓ | X |
| 593.71 | KD | Vesicoureteral reflux with reflux nephropathy, unilateral | X | ✓ | X |
| 593.72 | KD | Vesicoureteral reflux with reflux nephropathy, bilateral | X | ✓ | X |
| 593.73 | KD | Other vesicoureteral reflux with reflux nephropathy NOS | X | ✓ | X |
| 593.81 | KD | Vascular disorders of kidney | X | ✓ | X |
| 593.89 | KD | Other specified disorders of kidney and ureter | X | ✓ | X |
| 593.9 | KD | Unspecified disorder of kidney and ureter | X | ✓ | X |
| V42.0 | KD | Kidney replaced by transplant | X | ✓ | X |
| V45.11 | KD | Renal dialysis status | X | ✓ | X |
| V45.12 | KD | Noncompliance with renal dialysis | X | ✓ | X |
| V45.73 | KD | Acquired absence of kidney | X | ✓ | X |
| 391.0 | CVD | Acute rheumatic pericarditis | X | ✓ | X |
| 391.1 | CVD | Acute rheumatic endocarditis | X | ✓ | X |
| 391.2 | CVD | Acute rheumatic myocarditis | X | ✓ | X |
| 391.8 | CVD | Other acute rheumatic heart disease | X | ✓ | X |
| 391.9 | CVD | Acute rheumatic heart disease, unspecified | X | ✓ | X |
| 392.0 | CVD | Rheumatic chorea with heart involvement | X | ✓ | X |
| 393 | CVD | Chronic rheumatic pericarditis | X | ✓ | X |
| 394.0 | CVD | Mitral stenosis | X | ✓ | X |
| 394.1 | CVD | Rheumatic mitral insufficiency | X | ✓ | X |
| 394.2 | CVD | Mitral stenosis with insufficiency | X | ✓ | X |
| 394.9 | CVD | Other and unspecified mitral valve diseases | X | ✓ | X |
| 395.0 | CVD | Rheumatic aortic stenosis | X | ✓ | X |
| 395.1 | CVD | Rheumatic aortic insufficiency | X | ✓ | X |
| 395.2 | CVD | Rheumatic aortic stenosis with insufficiency | X | ✓ | X |
| 395.9 | CVD | Other and unspecified rheumatic aortic diseases | X | ✓ | X |
| 396.0 | CVD | Mitral valve stenosis and aortic valve stenosis | X | ✓ | X |
| 396.1 | CVD | Mitral valve stenosis and aortic valve insufficiency | X | ✓ | X |
| 396.2 | CVD | Mitral valve insufficiency and aortic valve stenosis | X | ✓ | X |
| 396.3 | CVD | Mitral valve insufficiency and aortic valve insufficiency | X | ✓ | X |
| 396.8 | CVD | Multiple involvement of mitral and aortic valves | X | ✓ | X |
| 396.9 | CVD | Mitral and aortic valve diseases, unspecified | X | ✓ | X |
| 397.0 | CVD | Diseases of tricuspid valve | X | ✓ | X |
| 397.1 | CVD | Rheumatic diseases of pulmonary valve | X | ✓ | X |
| 397.9 | CVD | Rheumatic diseases of endocardium, valve unspecified | X | ✓ | X |
| 398.0 | CVD | Rheumatic myocarditis | X | ✓ | X |
| 398.90 | CVD | Rheumatic heart disease, unspecified | X | ✓ | X |
| 398.91 | CVD | Rheumatic heart failure (congestive) | X | ✓ | X |
| 398.99 | CVD | Other rheumatic heart diseases | X | ✓ | X |
| 402.00 | CVD | Malignant hypertensive heart disease without heart failure | X | ✓ | X |
| 402.01 | CVD | Malignant hypertensive heart disease with heart failure | X | ✓ | X |
| 402.10 | CVD | Benign hypertensive heart disease without heart failure | X | ✓ | X |
| 402.11 | CVD | Benign hypertensive heart disease with heart failure | X | ✓ | X |
| 402.90 | CVD | Unspecified hypertensive heart disease without heart failure | X | ✓ | X |
| 402.91 | CVD | Unspecified hypertensive heart disease with heart failure | X | ✓ | X |
| 403.00 | CVD | Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 403.01 | CVD | Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 403.10 | CVD | Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 403.11 | CVD | Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 403.90 | CVD | Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 403.91 | CVD | Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.00 | CVD | Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.01 | CVD | Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.02 | CVD | Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.03 | CVD | Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.10 | CVD | Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.11 | CVD | Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.12 | CVD | Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.13 | CVD | Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.90 | CVD | Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.91 | CVD | Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.92 | CVD | Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.93 | CVD | Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 410.00 | CVD | Acute myocardial infarction of anterolateral wall, episode of care unspecified | X | ✓ | X |
| 410.01 | CVD | Acute myocardial infarction of anterolateral wall, initial episode of care | X | ✓ | X |
| 410.02 | CVD | Acute myocardial infarction of anterolateral wall, subsequent episode of care | X | ✓ | X |
| 410.10 | CVD | Acute myocardial infarction of other anterior wall, episode of care unspecified | X | ✓ | X |
| 410.11 | CVD | Acute myocardial infarction of other anterior wall, initial episode of care | X | ✓ | X |
| 410.12 | CVD | Acute myocardial infarction of other anterior wall, subsequent episode of care | X | ✓ | X |
| 410.20 | CVD | Acute myocardial infarction of inferolateral wall, episode of care unspecified | X | ✓ | X |
| 410.21 | CVD | Acute myocardial infarction of inferolateral wall, initial episode of care | X | ✓ | X |
| 410.22 | CVD | Acute myocardial infarction of inferolateral wall, subsequent episode of care | X | ✓ | X |
| 410.30 | CVD | Acute myocardial infarction of inferoposterior wall, episode of care unspecified | X | ✓ | X |
| 410.31 | CVD | Acute myocardial infarction of inferoposterior wall, initial episode of care | X | ✓ | X |
| 410.32 | CVD | Acute myocardial infarction of inferoposterior wall, subsequent episode of care | X | ✓ | X |
| 410.40 | CVD | Acute myocardial infarction of other inferior wall, episode of care unspecified | X | ✓ | X |
| 410.41 | CVD | Acute myocardial infarction of other inferior wall, initial episode of care | X | ✓ | X |
| 410.42 | CVD | Acute myocardial infarction of other inferior wall, subsequent episode of care | X | ✓ | X |
| 410.50 | CVD | Acute myocardial infarction of other lateral wall, episode of care unspecified | X | ✓ | X |
| 410.51 | CVD | Acute myocardial infarction of other lateral wall, initial episode of care | X | ✓ | X |
| 410.52 | CVD | Acute myocardial infarction of other lateral wall, subsequent episode of care | X | ✓ | X |
| 410.60 | CVD | True posterior wall infarction, episode of care unspecified | X | ✓ | X |
| 410.61 | CVD | True posterior wall infarction, initial episode of care | X | ✓ | X |
| 410.62 | CVD | True posterior wall infarction, subsequent episode of care | X | ✓ | X |
| 410.70 | CVD | Subendocardial infarction, episode of care unspecified | X | ✓ | X |
| 410.71 | CVD | Subendocardial infarction, initial episode of care | X | ✓ | X |
| 410.72 | CVD | Subendocardial infarction, subsequent episode of care | X | ✓ | X |
| 410.80 | CVD | Acute myocardial infarction of other specified sites, episode of care unspecified | X | ✓ | X |
| 410.81 | CVD | Acute myocardial infarction of other specified sites, initial episode of care | X | ✓ | X |
| 410.82 | CVD | Acute myocardial infarction of other specified sites, subsequent episode of care | X | ✓ | X |
| 410.90 | CVD | Acute myocardial infarction of unspecified site, episode of care unspecified | X | ✓ | X |
| 410.91 | CVD | Acute myocardial infarction of unspecified site, initial episode of care | X | ✓ | X |
| 410.92 | CVD | Acute myocardial infarction of unspecified site, subsequent episode of care | X | ✓ | X |
| 411.0 | CVD | Postmyocardial infarction syndrome | X | ✓ | X |
| 411.1 | CVD | Intermediate coronary syndrome | X | ✓ | X |
| 411.81 | CVD | Acute coronary occlusion without myocardial infarction | X | ✓ | X |
| 411.89 | CVD | Other acute and subacute forms of ischemic heart disease, other | X | ✓ | X |
| 412 | CVD | Old myocardial infarction | X | ✓ | X |
| 413.0 | CVD | Angina decubitus | X | ✓ | X |
| 413.1 | CVD | Prinzmetal angina | X | ✓ | X |
| 413.9 | CVD | Other and unspecified angina pectoris | X | ✓ | X |
| 414.00 | CVD | Coronary atherosclerosis of unspecified type of vessel, native or graft | X | ✓ | X |
| 414.01 | CVD | Coronary atherosclerosis of native coronary artery | X | ✓ | X |
| 414.02 | CVD | Coronary atherosclerosis of autologous vein bypass graft | X | ✓ | X |
| 414.03 | CVD | Coronary atherosclerosis of nonautologous biological bypass graft | X | ✓ | X |
| 414.04 | CVD | Coronary atherosclerosis of artery bypass graft | X | ✓ | X |
| 414.05 | CVD | Coronary atherosclerosis of unspecified bypass graft | X | ✓ | X |
| 414.06 | CVD | Coronary atherosclerosis of native coronary artery of transplanted heart | X | ✓ | X |
| 414.07 | CVD | Coronary atherosclerosis of bypass graft (artery) (vein) of transplanted heart | X | ✓ | X |
| 414.10 | CVD | Aneurysm of heart (wall) | X | ✓ | X |
| 414.11 | CVD | Aneurysm of coronary vessels | X | ✓ | X |
| 414.12 | CVD | Dissection of coronary artery | X | ✓ | X |
| 414.19 | CVD | Other aneurysm of heart | X | ✓ | X |
| 414.2 | CVD | Chronic total occlusion of coronary artery | X | ✓ | X |
| 414.3 | CVD | Coronary atherosclerosis due to lipid rich plaque | X | ✓ | X |
| 414.4 | CVD | Coronary atherosclerosis due to calcified coronary lesion | X | ✓ | X |
| 414.8 | CVD | Other specified forms of chronic ischemic heart disease | X | ✓ | X |
| 414.9 | CVD | Chronic ischemic heart disease, unspecified | X | ✓ | X |
| 415.0 | CVD | Acute cor pulmonale | X | ✓ | X |
| 415.11 | CVD | Iatrogenic pulmonary embolism and infarction | X | ✓ | X |
| 415.12 | CVD | Septic pulmonary embolism | X | ✓ | X |
| 415.13 | CVD | Saddle embolus of pulmonary artery | X | ✓ | X |
| 415.19 | CVD | Other pulmonary embolism and infarction | X | ✓ | X |
| 416.0 | CVD | Primary pulmonary hypertension | X | ✓ | X |
| 416.1 | CVD | Kyphoscoliotic heart disease | X | ✓ | X |
| 416.2 | CVD | Chronic pulmonary embolism | X | ✓ | X |
| 416.8 | CVD | Other chronic pulmonary heart diseases | X | ✓ | X |
| 416.9 | CVD | Chronic pulmonary heart disease, unspecified | X | ✓ | X |
| 417.0 | CVD | Arteriovenous fistula of pulmonary vessels | X | ✓ | X |
| 417.1 | CVD | Aneurysm of pulmonary artery | X | ✓ | X |
| 417.8 | CVD | Other specified diseases of pulmonary circulation | X | ✓ | X |
| 417.9 | CVD | Unspecified disease of pulmonary circulation | X | ✓ | X |
| 420.0 | CVD | Acute pericarditis in diseases classified elsewhere | X | ✓ | X |
| 420.90 | CVD | Acute pericarditis, unspecified | X | ✓ | X |
| 420.91 | CVD | Acute idiopathic pericarditis | X | ✓ | X |
| 420.99 | CVD | Other acute pericarditis | X | ✓ | X |
| 421.0 | CVD | Acute and subacute bacterial endocarditis | X | ✓ | X |
| 421.1 | CVD | Acute and subacute infective endocarditis in diseases classified elsewhere | X | ✓ | X |
| 421.9 | CVD | Acute endocarditis, unspecified | X | ✓ | X |
| 422.0 | CVD | Acute myocarditis in diseases classified elsewhere | X | ✓ | X |
| 422.90 | CVD | Acute myocarditis, unspecified | X | ✓ | X |
| 422.91 | CVD | Idiopathic myocarditis | X | ✓ | X |
| 422.92 | CVD | Septic myocarditis | X | ✓ | X |
| 422.93 | CVD | Toxic myocarditis | X | ✓ | X |
| 422.99 | CVD | Other acute myocarditis | X | ✓ | X |
| 423.0 | CVD | Hemopericardium | X | ✓ | X |
| 423.1 | CVD | Adhesive pericarditis | X | ✓ | X |
| 423.2 | CVD | Constrictive pericarditis | X | ✓ | X |
| 423.3 | CVD | Cardiac tamponade | X | ✓ | X |
| 423.8 | CVD | Other specified diseases of pericardium | X | ✓ | X |
| 423.9 | CVD | Unspecified disease of pericardium | X | ✓ | X |
| 424.0 | CVD | Mitral valve disorders | X | ✓ | X |
| 424.1 | CVD | Aortic valve disorders | X | ✓ | X |
| 424.2 | CVD | Tricuspid valve disorders, specified as nonrheumatic | X | ✓ | X |
| 424.3 | CVD | Pulmonary valve disorders | X | ✓ | X |
| 424.90 | CVD | Endocarditis, valve unspecified, unspecified cause | X | ✓ | X |
| 424.91 | CVD | Endocarditis in diseases classified elsewhere | X | ✓ | X |
| 424.99 | CVD | Other endocarditis, valve unspecified | X | ✓ | X |
| 425.0 | CVD | Endomyocardial fibrosis | X | ✓ | X |
| 425.1 | CVD | Hypertrophic cardiomyopathy | X | ✓ | X |
| 425.11 | CVD | Hypertrophic obstructive cardiomyopathy | X | ✓ | X |
| 425.18 | CVD | Other hypertrophic cardiomyopathy | X | ✓ | X |
| 425.2 | CVD | Obscure cardiomyopathy of Africa | X | ✓ | X |
| 425.3 | CVD | Endocardial fibroelastosis | X | ✓ | X |
| 425.4 | CVD | Other primary cardiomyopathies | X | ✓ | X |
| 425.5 | CVD | Alcoholic cardiomyopathy | X | ✓ | X |
| 425.7 | CVD | Nutritional and metabolic cardiomyopathy | X | ✓ | X |
| 425.8 | CVD | Cardiomyopathy in other diseases classified elsewhere | X | ✓ | X |
| 425.9 | CVD | Secondary cardiomyopathy, unspecified | X | ✓ | X |
| 426.0 | CVD | Atrioventricular block, complete | X | ✓ | X |
| 426.10 | CVD | Atrioventricular block, unspecified | X | ✓ | X |
| 426.11 | CVD | First degree atrioventricular block | X | ✓ | X |
| 426.12 | CVD | Mobitz (type) II atrioventricular block | X | ✓ | X |
| 426.13 | CVD | Other second degree atrioventricular block | X | ✓ | X |
| 426.2 | CVD | Left bundle branch hemiblock | X | ✓ | X |
| 426.3 | CVD | Other left bundle branch block | X | ✓ | X |
| 426.4 | CVD | Right bundle branch block | X | ✓ | X |
| 426.50 | CVD | Bundle branch block, unspecified | X | ✓ | X |
| 426.51 | CVD | Right bundle branch block and left posterior fascicular block | X | ✓ | X |
| 426.52 | CVD | Right bundle branch block and left anterior fascicular block | X | ✓ | X |
| 426.53 | CVD | Other bilateral bundle branch block | X | ✓ | X |
| 426.54 | CVD | Trifascicular block | X | ✓ | X |
| 426.6 | CVD | Other heart block | X | ✓ | X |
| 426.7 | CVD | Anomalous atrioventricular excitation | X | ✓ | X |
| 426.81 | CVD | Lown-Ganong-Levine syndrome | X | ✓ | X |
| 426.82 | CVD | Long QT syndrome | X | ✓ | X |
| 426.89 | CVD | Other specified conduction disorders | X | ✓ | X |
| 426.9 | CVD | Conduction disorder, unspecified | X | ✓ | X |
| 427.0 | CVD | Paroxysmal supraventricular tachycardia | X | ✓ | X |
| 427.1 | CVD | Paroxysmal ventricular tachycardia | X | ✓ | X |
| 427.2 | CVD | Paroxysmal tachycardia, unspecified | X | ✓ | X |
| 427.31 | CVD | Atrial fibrillation | X | ✓ | X |
| 427.32 | CVD | Atrial flutter | X | ✓ | X |
| 427.41 | CVD | Ventricular fibrillation | X | ✓ | X |
| 427.42 | CVD | Ventricular flutter | X | ✓ | X |
| 427.5 | CVD | Cardiac arrest | X | ✓ | X |
| 427.60 | CVD | Premature beats, unspecified | X | ✓ | X |
| 427.61 | CVD | Supraventricular premature beats | X | ✓ | X |
| 427.69 | CVD | Other premature beats | X | ✓ | X |
| 427.81 | CVD | Sinoatrial node dysfunction | X | ✓ | X |
| 427.89 | CVD | Other specified cardiac dysrhythmias | X | ✓ | X |
| 427.9 | CVD | Cardiac dysrhythmia, unspecified | X | ✓ | X |
| 428.0 | CVD | Congestive heart failure, unspecified | X | ✓ | X |
| 428.1 | CVD | Left heart failure | X | ✓ | X |
| 428.20 | CVD | Systolic heart failure, unspecified | X | ✓ | X |
| 428.21 | CVD | Acute systolic heart failure | X | ✓ | X |
| 428.22 | CVD | Chronic systolic heart failure | X | ✓ | X |
| 428.23 | CVD | Acute on chronic systolic heart failure | X | ✓ | X |
| 428.30 | CVD | Diastolic heart failure, unspecified | X | ✓ | X |
| 428.31 | CVD | Acute diastolic heart failure | X | ✓ | X |
| 428.32 | CVD | Chronic diastolic heart failure | X | ✓ | X |
| 428.33 | CVD | Acute on chronic diastolic heart failure | X | ✓ | X |
| 428.40 | CVD | Combined systolic and diastolic heart failure, unspecified | X | ✓ | X |
| 428.41 | CVD | Acute combined systolic and diastolic heart failure | X | ✓ | X |
| 428.42 | CVD | Chronic combined systolic and diastolic heart failure | X | ✓ | X |
| 428.43 | CVD | Acute on chronic combined systolic and diastolic heart failure | X | ✓ | X |
| 428.9 | CVD | Heart failure, unspecified | X | ✓ | X |
| 429.0 | CVD | Myocarditis, unspecified | X | ✓ | X |
| 429.1 | CVD | Myocardial degeneration | X | ✓ | X |
| 429.2 | CVD | Cardiovascular disease, unspecified | X | ✓ | X |
| 429.3 | CVD | Cardiomegaly | X | ✓ | X |
| 429.4 | CVD | Functional disturbances following cardiac surgery | X | ✓ | X |
| 429.5 | CVD | Rupture of chordae tendineae | X | ✓ | X |
| 429.6 | CVD | Rupture of papillary muscle | X | ✓ | X |
| 429.71 | CVD | Acquired cardiac septal defect | X | ✓ | X |
| 429.79 | CVD | Certain sequelae of myocardial infarction, not elsewhere classified, other | X | ✓ | X |
| 429.81 | CVD | Other disorders of papillary muscle | X | ✓ | X |
| 429.82 | CVD | Hyperkinetic heart disease | X | ✓ | X |
| 429.83 | CVD | Takotsubo syndrome | X | ✓ | X |
| 429.89 | CVD | Other ill-defined heart diseases | X | ✓ | X |
| 429.9 | CVD | Heart disease, unspecified | X | ✓ | X |
| 430 | CVD | Subarachnoid hemorrhage | X | ✓ | X |
| 431 | CVD | Intracerebral hemorrhage | X | ✓ | X |
| 432.0 | CVD | Nontraumatic extradural hemorrhage | X | ✓ | X |
| 432.1 | CVD | Subdural hemorrhage | X | ✓ | X |
| 432.9 | CVD | Unspecified intracranial hemorrhage | X | ✓ | X |
| 433.00 | CVD | Occlusion and stenosis of basilar artery without mention of cerebral infarction | X | ✓ | X |
| 433.01 | CVD | Occlusion and stenosis of basilar artery with cerebral infarction | X | ✓ | X |
| 433.10 | CVD | Occlusion and stenosis of carotid artery without mention of cerebral infarction | X | ✓ | X |
| 433.11 | CVD | Occlusion and stenosis of carotid artery with cerebral infarction | X | ✓ | X |
| 433.20 | CVD | Occlusion and stenosis of vertebral artery without mention of cerebral infarction | X | ✓ | X |
| 433.21 | CVD | Occlusion and stenosis of vertebral artery with cerebral infarction | X | ✓ | X |
| 433.30 | CVD | Occlusion and stenosis of multiple and bilateral precerebral arteries without mention of cerebral infarction | X | ✓ | X |
| 433.31 | CVD | Occlusion and stenosis of multiple and bilateral precerebral arteries with cerebral infarction | X | ✓ | X |
| 433.80 | CVD | Occlusion and stenosis of other specified precerebral artery without mention of cerebral infarction | X | ✓ | X |
| 433.81 | CVD | Occlusion and stenosis of other specified precerebral artery with cerebral infarction | X | ✓ | X |
| 433.90 | CVD | Occlusion and stenosis of unspecified precerebral artery without mention of cerebral infarction | X | ✓ | X |
| 433.91 | CVD | Occlusion and stenosis of unspecified precerebral artery with cerebral infarction | X | ✓ | X |
| 434.00 | CVD | Cerebral thrombosis without mention of cerebral infarction | X | ✓ | X |
| 434.01 | CVD | Cerebral thrombosis with cerebral infarction | X | ✓ | X |
| 434.10 | CVD | Cerebral embolism without mention of cerebral infarction | X | ✓ | X |
| 434.11 | CVD | Cerebral embolism with cerebral infarction | X | ✓ | X |
| 434.90 | CVD | Cerebral artery occlusion, unspecified without mention of cerebral infarction | X | ✓ | X |
| 434.91 | CVD | Cerebral artery occlusion, unspecified with cerebral infarction | X | ✓ | X |
| 435.0 | CVD | Basilar artery syndrome | X | ✓ | X |
| 435.1 | CVD | Vertebral artery syndrome | X | ✓ | X |
| 435.3 | CVD | Vertebrobasilar artery syndrome | X | ✓ | X |
| 435.8 | CVD | Other specified transient cerebral ischemias | X | ✓ | X |
| 435.9 | CVD | Unspecified transient cerebral ischemia | X | ✓ | X |
| 436 | CVD | Acute, but ill-defined, cerebrovascular disease | X | ✓ | X |
| 437.0 | CVD | Cerebral atherosclerosis | X | ✓ | X |
| 437.1 | CVD | Other generalized ischemic cerebrovascular disease | X | ✓ | X |
| 437.2 | CVD | Hypertensive encephalopathy | X | ✓ | X |
| 437.3 | CVD | Cerebral aneurysm, nonruptured | X | ✓ | X |
| 437.4 | CVD | Cerebral arteritis | X | ✓ | X |
| 437.5 | CVD | Moyamoya disease | X | ✓ | X |
| 437.6 | CVD | Nonpyogenic thrombosis of intracranial venous sinus | X | ✓ | X |
| 437.7 | CVD | Transient global amnesia | X | ✓ | X |
| 437.8 | CVD | Other ill-defined cerebrovascular disease | X | ✓ | X |
| 437.9 | CVD | Unspecified cerebrovascular disease | X | ✓ | X |
| 438.0 | CVD | Late effects of cerebrovascular disease, cognitive deficits | X | ✓ | X |
| 438.10 | CVD | Late effects of cerebrovascular disease, speech and language deficit, unspecified | X | ✓ | X |
| 438.11 | CVD | Late effects of cerebrovascular disease, aphasia | X | ✓ | X |
| 438.12 | CVD | Late effects of cerebrovascular disease, dysphasia | X | ✓ | X |
| 438.13 | CVD | Late effects of cerebrovascular disease, dysarthria | X | ✓ | X |
| 438.14 | CVD | Late effects of cerebrovascular disease, fluency disorder | X | ✓ | X |
| 438.19 | CVD | Late effects of cerebrovascular disease, other speech and language deficits | X | ✓ | X |
| 438.20 | CVD | Late effects of cerebrovascular disease, hemiplegia affecting unspecified side | X | ✓ | X |
| 438.21 | CVD | Late effects of cerebrovascular disease, hemiplegia affecting dominant side | X | ✓ | X |
| 438.22 | CVD | Late effects of cerebrovascular disease, hemiplegia affecting nondominant side | X | ✓ | X |
| 438.30 | CVD | Late effects of cerebrovascular disease, monoplegia of upper limb affecting unspecified side | X | ✓ | X |
| 438.31 | CVD | Late effects of cerebrovascular disease, monoplegia of upper limb affecting dominant side | X | ✓ | X |
| 438.32 | CVD | Late effects of cerebrovascular disease, monoplegia of upper limb affecting nondominant side | X | ✓ | X |
| 438.40 | CVD | Late effects of cerebrovascular disease, monoplegia of lower limb affecting unspecified side | X | ✓ | X |
| 438.41 | CVD | Late effects of cerebrovascular disease, monoplegia of lower limb affecting dominant side | X | ✓ | X |
| 438.42 | CVD | Late effects of cerebrovascular disease, monoplegia of lower limb affecting nondominant side | X | ✓ | X |
| 438.50 | CVD | Late effects of cerebrovascular disease, other paralytic syndrome affecting unspecified side | X | ✓ | X |
| 438.51 | CVD | Late effects of cerebrovascular disease, other paralytic syndrome affecting dominant side | X | ✓ | X |
| 438.52 | CVD | Late effects of cerebrovascular disease, other paralytic syndrome affecting nondominant side | X | ✓ | X |
| 438.53 | CVD | Late effects of cerebrovascular disease, other paralytic syndrome, bilateral | X | ✓ | X |
| 438.6 | CVD | Late effects of cerebrovascular disease, alterations of sensations | X | ✓ | X |
| 438.7 | CVD | Late effects of cerebrovascular disease, disturbances of vision | X | ✓ | X |
| 438.81 | CVD | Other late effects of cerebrovascular disease, apraxia | X | ✓ | X |
| 438.82 | CVD | Other late effects of cerebrovascular disease, dysphagia | X | ✓ | X |
| 438.83 | CVD | Other late effects of cerebrovascular disease, facial weakness | X | ✓ | X |
| 438.84 | CVD | Other late effects of cerebrovascular disease, ataxia | X | ✓ | X |
| 438.85 | CVD | Other late effects of cerebrovascular disease, vertigo | X | ✓ | X |
| 438.89 | CVD | Other late effects of cerebrovascular disease | X | ✓ | X |
| 438.9 | CVD | Unspecified late effects of cerebrovascular disease | X | ✓ | X |
| 440.0 | CVD | Atherosclerosis of aorta | X | ✓ | X |
| 440.1 | CVD | Atherosclerosis of renal artery | X | ✓ | X |
| 440.20 | CVD | Atherosclerosis of native arteries of the extremities, unspecified | X | ✓ | X |
| 440.21 | CVD | Atherosclerosis of native arteries of the extremities with intermittent claudication | X | ✓ | X |
| 440.22 | CVD | Atherosclerosis of native arteries of the extremities with rest pain | X | ✓ | X |
| 440.23 | CVD | Atherosclerosis of native arteries of the extremities with ulceration | X | ✓ | X |
| 440.24 | CVD | Atherosclerosis of native arteries of the extremities with gangrene | X | ✓ | X |
| 440.29 | CVD | Other atherosclerosis of native arteries of the extremities | X | ✓ | X |
| 440.30 | CVD | Atherosclerosis of unspecified bypass graft of the extremities | X | ✓ | X |
| 440.31 | CVD | Atherosclerosis of autologous vein bypass graft of the extremities | X | ✓ | X |
| 440.32 | CVD | Atherosclerosis of nonautologous biological bypass graft of the extremities | X | ✓ | X |
| 440.4 | CVD | Chronic total occlusion of artery of the extremities | X | ✓ | X |
| 440.8 | CVD | Atherosclerosis of other specified arteries | X | ✓ | X |
| 440.9 | CVD | Generalized and unspecified atherosclerosis | X | ✓ | X |
| 441.00 | CVD | Dissection of aorta, unspecified site | X | ✓ | X |
| 441.01 | CVD | Dissection of aorta, thoracic | X | ✓ | X |
| 441.02 | CVD | Dissection of aorta, abdominal | X | ✓ | X |
| 441.03 | CVD | Dissection of aorta, thoracoabdominal | X | ✓ | X |
| 441.1 | CVD | Thoracic aneurysm, ruptured | X | ✓ | X |
| 441.2 | CVD | Thoracic aneurysm without mention of rupture | X | ✓ | X |
| 441.3 | CVD | Abdominal aneurysm, ruptured | X | ✓ | X |
| 441.4 | CVD | Abdominal aneurysm without mention of rupture | X | ✓ | X |
| 441.5 | CVD | Aortic aneurysm of unspecified site, ruptured | X | ✓ | X |
| 441.6 | CVD | Thoracoabdominal aneurysm, ruptured | X | ✓ | X |
| 441.7 | CVD | Thoracoabdominal aneurysm, without mention of rupture | X | ✓ | X |
| 441.9 | CVD | Aortic aneurysm of unspecified site without mention of rupture | X | ✓ | X |
| 442.0 | CVD | Aneurysm of artery of upper extremity | X | ✓ | X |
| 442.1 | CVD | Aneurysm of renal artery | X | ✓ | X |
| 442.2 | CVD | Aneurysm of iliac artery | X | ✓ | X |
| 442.3 | CVD | Aneurysm of artery of lower extremity | X | ✓ | X |
| 442.81 | CVD | Aneurysm of artery of neck | X | ✓ | X |
| 442.82 | CVD | Aneurysm of subclavian artery | X | ✓ | X |
| 442.83 | CVD | Aneurysm of splenic artery | X | ✓ | X |
| 442.84 | CVD | Aneurysm of other visceral artery | X | ✓ | X |
| 442.89 | CVD | Aneurysm of other specified artery | X | ✓ | X |
| 442.9 | CVD | Aneurysm of unspecified site | X | ✓ | X |
| 443.0 | CVD | Raynaud's syndrome | X | ✓ | X |
| 443.1 | CVD | Thromboangiitis obliterans [Buerger's disease] | X | ✓ | X |
| 443.21 | CVD | Dissection of carotid artery | X | ✓ | X |
| 443.22 | CVD | Dissection of iliac artery | X | ✓ | X |
| 443.23 | CVD | Dissection of renal artery | X | ✓ | X |
| 443.24 | CVD | Dissection of vertebral artery | X | ✓ | X |
| 443.29 | CVD | Dissection of other artery | X | ✓ | X |
| 443.81 | CVD | Peripheral angiopathy in diseases classified elsewhere | X | ✓ | X |
| 443.82 | CVD | Erythromelalgia | X | ✓ | X |
| 443.89 | CVD | Other specified peripheral vascular diseases | X | ✓ | X |
| 443.9 | CVD | Peripheral vascular disease, unspecified | X | ✓ | X |
| 444.01 | CVD | Saddle embolus of abdominal aorta | X | ✓ | X |
| 444.09 | CVD | Other arterial embolism and thrombosis of abdominal aorta | X | ✓ | X |
| 444.1 | CVD | Embolism and thrombosis of thoracic aorta | X | ✓ | X |
| 444.21 | CVD | Arterial embolism and thrombosis of upper extremity | X | ✓ | X |
| 444.22 | CVD | Arterial embolism and thrombosis of lower extremity | X | ✓ | X |
| 444.81 | CVD | Embolism and thrombosis of iliac artery | X | ✓ | X |
| 444.89 | CVD | Embolism and thrombosis of other specified artery | X | ✓ | X |
| 444.9 | CVD | Embolism and thrombosis of unspecified artery | X | ✓ | X |
| 445.01 | CVD | Atheroembolism of upper extremity | X | ✓ | X |
| 445.02 | CVD | Atheroembolism of lower extremity | X | ✓ | X |
| 445.81 | CVD | Atheroembolism of kidney | X | ✓ | X |
| 445.89 | CVD | Atheroembolism of other site | X | ✓ | X |
| 446.0 | CVD | Polyarteritis nodosa | X | ✓ | X |
| 446.1 | CVD | Acute febrile mucocutaneous lymph node syndrome [MCLS] | X | ✓ | X |
| 446.20 | CVD | Hypersensitivity angiitis, unspecified | X | ✓ | X |
| 446.21 | CVD | Goodpasture's syndrome | X | ✓ | X |
| 446.29 | CVD | Other specified hypersensitivity angiitis | X | ✓ | X |
| 446.3 | CVD | Lethal midline granuloma | X | ✓ | X |
| 446.4 | CVD | Wegener's granulomatosis | X | ✓ | X |
| 446.5 | CVD | Giant cell arteritis | X | ✓ | X |
| 446.6 | CVD | Thrombotic microangiopathy | X | ✓ | X |
| 446.7 | CVD | Takayasu's disease | X | ✓ | X |
| 447.6 | CVD | Arteritis, unspecified | X | ✓ | X |
| 447.70 | CVD | Aortic ectasia, unspecified site | X | ✓ | X |
| 447.71 | CVD | Thoracic aortic ectasia | X | ✓ | X |
| 447.72 | CVD | Abdominal aortic ectasia | X | ✓ | X |
| 447.73 | CVD | Thoracoabdominal aortic ectasia | X | ✓ | X |
| 447.8 | CVD | Other specified disorders of arteries and arterioles | X | ✓ | X |
| 447.9 | CVD | Unspecified disorders of arteries and arterioles | X | ✓ | X |
| 448.0 | CVD | Hereditary hemorrhagic telangiectasia | X | ✓ | X |
| 449 | CVD | Septic arterial embolism | X | ✓ | X |
| 458.21 | CVD | Hypotension of hemodialysis | X | ✓ | X |
| V42.1 | CVD | Heart replaced by transplant | X | ✓ | X |
| V42.2 | CVD | Heart valve replaced by transplant | X | ✓ | X |
| V43.2 | CVD | Heart replaced by other means | X | ✓ | X |
| V43.21 | CVD | Organ or tissue replaced by other means, fully implantable artificial heart | X | ✓ | X |
| V43.22 | CVD | Organ or tissue replaced by other means, heart assist device | X | ✓ | X |
| V45.0 | CVD | Cardiac device in situ | X | ✓ | X |
| V45.00 | CVD | Unspecified cardiac device in situ | X | ✓ | X |
| V45.01 | CVD | Cardiac pacemaker in situ | X | ✓ | X |
| V45.02 | CVD | Automatic implantable cardiac defibrillator in situ | X | ✓ | X |
| V45.09 | CVD | Other specified cardiac device in situ | X | ✓ | X |
| V45.81 | CVD | Aortocoronary bypass status | X | ✓ | X |
| V45.82 | CVD | Percutaneous transluminal coronary angioplasty status | X | ✓ | X |
| 140-208 except 173 | | Malignant neoplasms except non-melanoma skin cancer | X | ✓ | X |

# **Table 5. ICD-9 and ICD-10 codes for cardio-renal deaths**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ICD-10 | Type | Description | UK | CA | ES |
| N00 | KD | Acute nephritic syndrome | ✓ | ✓ | ✓ |
| N00.0 | KD | Acute nephritic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N00.1 | KD | Acute nephritic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N00.2 | KD | Acute nephritic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N00.3 | KD | Acute nephritic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N00.4 | KD | Acute nephritic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N00.5 | KD | Acute nephritic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N00.6 | KD | Acute nephritic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N00.7 | KD | Acute nephritic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N00.8 | KD | Acute nephritic syndrome: Other | ✓ | ✓ | ✓ |
| N00.9 | KD | Acute nephritic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N01 | KD | Rapidly progressive nephritic syndrome | ✓ | ✓ | ✓ |
| N01.0 | KD | Rapidly progressive nephritic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N01.1 | KD | Rapidly progressive nephritic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N01.2 | KD | Rapidly progressive nephritic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N01.3 | KD | Rapidly progressive nephritic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N01.4 | KD | Rapidly progressive nephritic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N01.5 | KD | Rapidly progressive nephritic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N01.6 | KD | Rapidly progressive nephritic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N01.7 | KD | Rapidly progressive nephritic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N01.8 | KD | Rapidly progressive nephritic syndrome: Other | ✓ | ✓ | ✓ |
| N01.9 | KD | Rapidly progressive nephritic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N02 | KD | Recurrent and persistent haematuria | ✓ | ✓ | ✓ |
| N02.0 | KD | Recurrent and persistent haematuria: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N02.1 | KD | Recurrent and persistent haematuria: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N02.2 | KD | Recurrent and persistent haematuria: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N02.3 | KD | Recurrent and persistent haematuria: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N02.4 | KD | Recurrent and persistent haematuria: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N02.5 | KD | Recurrent and persistent haematuria: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N02.6 | KD | Recurrent and persistent haematuria: Dense deposit disease | ✓ | ✓ | ✓ |
| N02.7 | KD | Recurrent and persistent haematuria: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N02.8 | KD | Recurrent and persistent haematuria: Other | ✓ | ✓ | ✓ |
| N02.9 | KD | Recurrent and persistent haematuria: Unspecified | ✓ | ✓ | ✓ |
| N03 | KD | Chronic nephritic syndrome | ✓ | ✓ | ✓ |
| N03.0 | KD | Chronic nephritic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N03.1 | KD | Chronic nephritic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N03.2 | KD | Chronic nephritic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N03.3 | KD | Chronic nephritic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N03.4 | KD | Chronic nephritic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N03.5 | KD | Chronic nephritic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N03.6 | KD | Chronic nephritic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N03.7 | KD | Chronic nephritic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N03.8 | KD | Chronic nephritic syndrome: Other | ✓ | ✓ | ✓ |
| N03.9 | KD | Chronic nephritic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N04 | KD | Nephrotic syndrome | ✓ | ✓ | ✓ |
| N04.0 | KD | Nephrotic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N04.1 | KD | Nephrotic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N04.2 | KD | Nephrotic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N04.3 | KD | Nephrotic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N04.4 | KD | Nephrotic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N04.5 | KD | Nephrotic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N04.6 | KD | Nephrotic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N04.7 | KD | Nephrotic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N04.8 | KD | Nephrotic syndrome: Other | ✓ | ✓ | ✓ |
| N04.9 | KD | Nephrotic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N05 | KD | Unspecified nephritic syndrome | ✓ | ✓ | ✓ |
| N05.0 | KD | Unspecified nephritic syndrome: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N05.1 | KD | Unspecified nephritic syndrome: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N05.2 | KD | Unspecified nephritic syndrome: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N05.3 | KD | Unspecified nephritic syndrome: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N05.4 | KD | Unspecified nephritic syndrome: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N05.5 | KD | Unspecified nephritic syndrome: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N05.6 | KD | Unspecified nephritic syndrome: Dense deposit disease | ✓ | ✓ | ✓ |
| N05.7 | KD | Unspecified nephritic syndrome: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N05.8 | KD | Unspecified nephritic syndrome: Other | ✓ | ✓ | ✓ |
| N05.9 | KD | Unspecified nephritic syndrome: Unspecified | ✓ | ✓ | ✓ |
| N06 | KD | Isolated proteinuria with specified morphological lesion | ✓ | ✓ | ✓ |
| N06.0 | KD | Isolated proteinuria with specified morphological lesion: Minor glomerular abnormality | ✓ | ✓ | ✓ |
| N06.1 | KD | Isolated proteinuria with specified morphological lesion: Focal and segmental glomerular lesions | ✓ | ✓ | ✓ |
| N06.2 | KD | Isolated proteinuria with specified morphological lesion: Diffuse membranous glomerulonephritis | ✓ | ✓ | ✓ |
| N06.3 | KD | Isolated proteinuria with specified morphological lesion: Diffuse mesangial proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N06.4 | KD | Isolated proteinuria with specified morphological lesion: Diffuse endocapillary proliferative glomerulonephritis | ✓ | ✓ | ✓ |
| N06.5 | KD | Isolated proteinuria with specified morphological lesion: Diffuse mesangiocapillary glomerulonephritis | ✓ | ✓ | ✓ |
| N06.6 | KD | Isolated proteinuria with specified morphological lesion: Dense deposit disease | ✓ | ✓ | ✓ |
| N06.7 | KD | Isolated proteinuria with specified morphological lesion: Diffuse crescentic glomerulonephritis | ✓ | ✓ | ✓ |
| N06.8 | KD | Isolated proteinuria with specified morphological lesion: Other | ✓ | ✓ | ✓ |
| N06.9 | KD | Isolated proteinuria with specified morphological lesion: Unspecified | ✓ | ✓ | ✓ |
| N08.3 | KD | Glomerular disorders in diabetes mellitus | ✓ | ✓ | ✓ |
| N17 | KD | Acute renal failure | ✓ | ✓ | ✓ |
| N17.0 | KD | Acute renal failure with tubular necrosis | ✓ | ✓ | ✓ |
| N17.1 | KD | Acute renal failure with acute cortical necrosis | ✓ | ✓ | ✓ |
| N17.2 | KD | Acute renal failure with medullary necrosis | ✓ | ✓ | ✓ |
| N17.8 | KD | Other acute renal failure | ✓ | ✓ | ✓ |
| N17.9 | KD | Acute renal failure, unspecified | ✓ | ✓ | ✓ |
| N18 | KD | Chronic kidney disease | ✓ | ✓ | ✓ |
| N18.0 | KD | End-stage renal disease | ✓ | ✓ | ✓ |
| N18.1 | KD | Chronic kidney disease, stage 1 | ✓ | ✓ | ✓ |
| N18.2 | KD | Chronic kidney disease, stage 2 | ✓ | ✓ | ✓ |
| N18.3 | KD | Chronic kidney disease, stage 3 | ✓ | ✓ | ✓ |
| N18.4 | KD | Chronic kidney disease, stage 4 | ✓ | ✓ | ✓ |
| N18.5 | KD | Chronic kidney disease, stage 5 | ✓ | ✓ | ✓ |
| N18.8 | KD | Other chronic renal failure | ✓ | ✓ | ✓ |
| N18.9 | KD | Chronic renal failure, unspecified | ✓ | ✓ | ✓ |
| N19 | KD | Unspecified kidney failure | ✓ | ✓ | ✓ |
| N39.1 | KD | Persistent proteinuria, unspecified | ✓ | ✓ | ✓ |
| N39.2 | KD | Orthostatic proteinuria, unspecified | ✓ | ✓ | ✓ |
| N99.0 | KD | Postprocedural renal failure | ✓ | ✓ | ✓ |
| G45.0 | CVD | Vertebro-basilar artery syndrome | ✓ | ✓ | ✓ |
| G45.1 | CVD | Carotid artery syndrome (hemispheric) | ✓ | ✓ | ✓ |
| G45.2 | CVD | Multiple and bilateral precerebral artery syndromes | ✓ | ✓ | ✓ |
| G45.3 | CVD | Amaurosis fugax | ✓ | ✓ | ✓ |
| G45.8 | CVD | Other transient cerebral ischaemic attacks and related syndromes | ✓ | ✓ | ✓ |
| G45.9 | CVD | Transient cerebral ischaemic attack, unspecified | ✓ | ✓ | ✓ |
| G46 | CVD | Vascular syndromes of brain in cerebrovascular diseases | ✓ | ✓ | ✓ |
| G46.0 | CVD | Middle cerebral artery syndrome | ✓ | ✓ | ✓ |
| G46.1 | CVD | Anterior cerebral artery syndrome | ✓ | ✓ | ✓ |
| G46.2 | CVD | Posterior cerebral artery syndrome | ✓ | ✓ | ✓ |
| G46.3 | CVD | Brain stem stroke syndrome | ✓ | ✓ | ✓ |
| G46.4 | CVD | Cerebellar stroke syndrome | ✓ | ✓ | ✓ |
| G46.5 | CVD | Pure motor lacunar syndrome | ✓ | ✓ | ✓ |
| G46.6 | CVD | Pure sensory lacunar syndrome | ✓ | ✓ | ✓ |
| G46.7 | CVD | Other lacunar syndromes | ✓ | ✓ | ✓ |
| G46.8 | CVD | Other vascular syndromes of brain in cerebrovascular diseases | ✓ | ✓ | ✓ |
| I11.0 | CVD | Hypertensive heart disease with (congestive) heart failure | ✓ | ✓ | ✓ |
| I12 | CVD | Hypertensive renal disease | ✓ | ✓ | ✓ |
| I12.0 | CVD | Hypertensive renal disease with renal failure | ✓ | ✓ | ✓ |
| I13.0 | CVD | Hypertensive heart and renal disease with (congestive) heart failure | ✓ | ✓ | ✓ |
| I13.1 | CVD | Hypertensive heart and renal disease with renal failure | ✓ | ✓ | ✓ |
| I13.2 | CVD | Hypertensive heart and renal disease with both (congestive) heart failure and renal failure | ✓ | ✓ | ✓ |
| I13.9 | CVD | Hypertensive heart and renal disease, unspecified | ✓ | ✓ | ✓ |
| I15.1 | CVD | Hypertension secondary to other renal disorders | ✓ | ✓ | ✓ |
| I20 | CVD | Angina pectoris | ✓ | ✓ | ✓ |
| I20.0 | CVD | Unstable angina | ✓ | ✓ | ✓ |
| I20.1 | CVD | Angina pectoris with documented spasm | ✓ | ✓ | ✓ |
| I20.8 | CVD | Other forms of angina pectoris | ✓ | ✓ | ✓ |
| I20.9 | CVD | Angina pectoris, unspecified | ✓ | ✓ | ✓ |
| I21 | CVD | Acute myocardial infarction | ✓ | ✓ | ✓ |
| I21.0 | CVD | Acute transmural myocardial infarction of anterior wall | ✓ | ✓ | ✓ |
| I21.1 | CVD | Acute transmural myocardial infarction of inferior wall | ✓ | ✓ | ✓ |
| I21.2 | CVD | Acute transmural myocardial infarction of other sites | ✓ | ✓ | ✓ |
| I21.3 | CVD | Acute transmural myocardial infarction of unspecified site | ✓ | ✓ | ✓ |
| I21.4 | CVD | Acute subendocardial myocardial infarction | ✓ | ✓ | ✓ |
| I21.9 | CVD | Acute myocardial infarction, unspecified | ✓ | ✓ | ✓ |
| I22 | CVD | Subsequent myocardial infarction | ✓ | ✓ | ✓ |
| I22.0 | CVD | Subsequent myocardial infarction of anterior wall | ✓ | ✓ | ✓ |
| I22.1 | CVD | Subsequent myocardial infarction of inferior wall | ✓ | ✓ | ✓ |
| I22.8 | CVD | Subsequent myocardial infarction of other sites | ✓ | ✓ | ✓ |
| I22.9 | CVD | Subsequent myocardial infarction of unspecified site | ✓ | ✓ | ✓ |
| I23 | CVD | Certain current complications following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.0 | CVD | Haemopericardium as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.1 | CVD | Atrial septal defect as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.2 | CVD | Ventricular septal defect as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.3 | CVD | Rupture of cardiac wall without haemopericardium as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.4 | CVD | Rupture of chordae tendineae as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.5 | CVD | Rupture of papillary muscle as current complication following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.6 | CVD | Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction | ✓ | ✓ | ✓ |
| I23.8 | CVD | Other current complications following acute myocardial infarction | ✓ | ✓ | ✓ |
| I25 | CVD | Chronic ischaemic heart disease | ✓ | ✓ | ✓ |
| I25.0 | CVD | Atherosclerotic cardiovascular disease, so described | ✓ | ✓ | ✓ |
| I25.1 | CVD | Atherosclerotic heart disease | ✓ | ✓ | ✓ |
| I25.3 | CVD | Aneurysm of heart | ✓ | ✓ | ✓ |
| I25.4 | CVD | Coronary artery aneurysm | ✓ | ✓ | ✓ |
| I25.5 | CVD | Ischaemic cardiomyopathy | ✓ | ✓ | ✓ |
| I25.6 | CVD | Silent myocardial ischaemia | ✓ | ✓ | ✓ |
| I25.8 | CVD | Other forms of chronic ischaemic heart disease | ✓ | ✓ | ✓ |
| I25.9 | CVD | Chronic ischaemic heart disease, unspecified | ✓ | ✓ | ✓ |
| I42 | CVD | Cardiomyopathy | ✓ | ✓ | ✓ |
| I42.0 | CVD | Dilated cardiomyopathy | ✓ | ✓ | ✓ |
| I42.1 | CVD | Obstructive hypertrophic cardiomyopathy | ✓ | ✓ | ✓ |
| I42.2 | CVD | Other hypertrophic cardiomyopathy | ✓ | ✓ | ✓ |
| I42.9 | CVD | Cardiomyopathy, unspecified | ✓ | ✓ | ✓ |
| I46 | CVD | Cardiac arrest | ✓ | ✓ | ✓ |
| I46.0 | CVD | Cardiac arrest with successful resuscitation | ✓ | ✓ | ✓ |
| I46.1 | CVD | Sudden cardiac death, so described | ✓ | ✓ | ✓ |
| I46.9 | CVD | Cardiac arrest, unspecified | ✓ | ✓ | ✓ |
| I50 | CVD | Heart failure | ✓ | ✓ | ✓ |
| I50.0 | CVD | Congestive heart failure | ✓ | ✓ | ✓ |
| I50.1 | CVD | Left ventricular failure | ✓ | ✓ | ✓ |
| I50.9 | CVD | Heart failure, unspecified | ✓ | ✓ | ✓ |
| I51 | CVD | Complications and ill-defined descriptions of heart disease | ✓ | ✓ | ✓ |
| I51.5 | CVD | Myocardial degeneration | ✓ | ✓ | ✓ |
| I51.6 | CVD | Cardiovascular disease, unspecified | ✓ | ✓ | ✓ |
| I51.7 | CVD | Cardiomegaly | ✓ | ✓ | ✓ |
| I51.8 | CVD | Other ill-defined heart diseases | ✓ | ✓ | ✓ |
| I51.9 | CVD | Heart disease, unspecified | ✓ | ✓ | ✓ |
| I52 | CVD | Other heart disorders in diseases classified elsewhere | ✓ | ✓ | ✓ |
| I60 | CVD | Subarachnoid haemorrhage | ✓ | ✓ | ✓ |
| I60.0 | CVD | Subarachnoid haemorrhage from carotid siphon and bifurcation | ✓ | ✓ | ✓ |
| I60.1 | CVD | Subarachnoid haemorrhage from middle cerebral artery | ✓ | ✓ | ✓ |
| I60.2 | CVD | Subarachnoid haemorrhage from anterior communicating artery | ✓ | ✓ | ✓ |
| I60.3 | CVD | Subarachnoid haemorrhage from posterior communicating artery | ✓ | ✓ | ✓ |
| I60.4 | CVD | Subarachnoid haemorrhage from basilar artery | ✓ | ✓ | ✓ |
| I60.5 | CVD | Subarachnoid haemorrhage from vertebral artery | ✓ | ✓ | ✓ |
| I60.6 | CVD | Subarachnoid haemorrhage from other intracranial arteries | ✓ | ✓ | ✓ |
| I60.7 | CVD | Subarachnoid haemorrhage from intracranial artery, unspecified | ✓ | ✓ | ✓ |
| I60.8 | CVD | Other subarachnoid haemorrhage | ✓ | ✓ | ✓ |
| I60.9 | CVD | Subarachnoid haemorrhage, unspecified | ✓ | ✓ | ✓ |
| I61 | CVD | Intracerebral haemorrhage | ✓ | ✓ | ✓ |
| I61.0 | CVD | Intracerebral haemorrhage in hemisphere, subcortical | ✓ | ✓ | ✓ |
| I61.1 | CVD | Intracerebral haemorrhage in hemisphere, cortical | ✓ | ✓ | ✓ |
| I61.2 | CVD | Intracerebral haemorrhage in hemisphere, unspecified | ✓ | ✓ | ✓ |
| I61.3 | CVD | Intracerebral haemorrhage in brain stem | ✓ | ✓ | ✓ |
| I61.4 | CVD | Intracerebral haemorrhage in cerebellum | ✓ | ✓ | ✓ |
| I61.5 | CVD | Intracerebral haemorrhage, intraventricular | ✓ | ✓ | ✓ |
| I61.6 | CVD | Intracerebral haemorrhage, multiple localized | ✓ | ✓ | ✓ |
| I61.8 | CVD | Other intracerebral haemorrhage | ✓ | ✓ | ✓ |
| I61.9 | CVD | Intracerebral haemorrhage, unspecified | ✓ | ✓ | ✓ |
| I63 | CVD | Cerebral infarction | ✓ | ✓ | ✓ |
| I63.0 | CVD | Cerebral infarction due to thrombosis of precerebral arteries | ✓ | ✓ | ✓ |
| I63.1 | CVD | Cerebral infarction due to embolism of precerebral arteries | ✓ | ✓ | ✓ |
| I63.2 | CVD | Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries | ✓ | ✓ | ✓ |
| I63.3 | CVD | Cerebral infarction due to thrombosis of cerebral arteries | ✓ | ✓ | ✓ |
| I63.4 | CVD | Cerebral infarction due to embolism of cerebral arteries | ✓ | ✓ | ✓ |
| I63.5 | CVD | Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries | ✓ | ✓ | ✓ |
| I63.8 | CVD | Other cerebral infarction | ✓ | ✓ | ✓ |
| I63.9 | CVD | Cerebral infarction, unspecified | ✓ | ✓ | ✓ |
| I64 | CVD | Stroke, not specified as haemorrhage or infarction | ✓ | ✓ | ✓ |
| I65 | CVD | Occlusion and stenosis of precerebral arteries, not resulting in cerebral infarction | ✓ | ✓ | ✓ |
| I65.0 | CVD | Occlusion and stenosis of vertebral artery | ✓ | ✓ | ✓ |
| I65.1 | CVD | Occlusion and stenosis of basilar artery | ✓ | ✓ | ✓ |
| I65.2 | CVD | Occlusion and stenosis of carotid artery | ✓ | ✓ | ✓ |
| I65.3 | CVD | Occlusion and stenosis of multiple and bilateral precerebral arteries | ✓ | ✓ | ✓ |
| I65.8 | CVD | Occlusion and stenosis of other precerebral artery | ✓ | ✓ | ✓ |
| I65.9 | CVD | Occlusion and stenosis of unspecified precerebral artery | ✓ | ✓ | ✓ |
| I66 | CVD | Occlusion and stenosis of cerebral arteries, not resulting in cerebral infarction | ✓ | ✓ | ✓ |
| I66.0 | CVD | Occlusion and stenosis of middle cerebral artery | ✓ | ✓ | ✓ |
| I66.1 | CVD | Occlusion and stenosis of anterior cerebral artery | ✓ | ✓ | ✓ |
| I66.2 | CVD | Occlusion and stenosis of posterior cerebral artery | ✓ | ✓ | ✓ |
| I66.3 | CVD | Occlusion and stenosis of cerebellar arteries | ✓ | ✓ | ✓ |
| I66.4 | CVD | Occlusion and stenosis of multiple and bilateral cerebral arteries | ✓ | ✓ | ✓ |
| I66.8 | CVD | Occlusion and stenosis of other cerebral artery | ✓ | ✓ | ✓ |
| I66.9 | CVD | Occlusion and stenosis of unspecified cerebral artery | ✓ | ✓ | ✓ |
| I70 | CVD | Atherosclerosis | ✓ | ✓ | ✓ |
| I70.0 | CVD | Atherosclerosis of aorta | ✓ | ✓ | ✓ |
| I70.1 | CVD | Atherosclerosis of renal artery | ✓ | ✓ | ✓ |
| I70.2 | CVD | Atherosclerosis of arteries of extremities | ✓ | ✓ | ✓ |
| I70.8 | CVD | Atherosclerosis of other arteries | ✓ | ✓ | ✓ |
| I70.9 | CVD | Generalized and unspecified atherosclerosis | ✓ | ✓ | ✓ |
| I71 | CVD | Aortic aneurysm and dissection | ✓ | ✓ | ✓ |
| I71.0 | CVD | Dissection of aorta [any part] | ✓ | ✓ | ✓ |
| I71.1 | CVD | Thoracic aortic aneurysm, ruptured | ✓ | ✓ | ✓ |
| I71.2 | CVD | Thoracic aortic aneurysm, without mention of rupture | ✓ | ✓ | ✓ |
| I71.3 | CVD | Abdominal aortic aneurysm, ruptured | ✓ | ✓ | ✓ |
| I71.4 | CVD | Abdominal aortic aneurysm, without mention of rupture | ✓ | ✓ | ✓ |
| I71.5 | CVD | Thoracoabdominal aortic aneurysm, ruptured | ✓ | ✓ | ✓ |
| I71.6 | CVD | Thoracoabdominal aortic aneurysm, without mention of rupture | ✓ | ✓ | ✓ |
| I71.8 | CVD | Aortic aneurysm of unspecified site, ruptured | ✓ | ✓ | ✓ |
| I71.9 | CVD | Aortic aneurysm of unspecified site, without mention of rupture | ✓ | ✓ | ✓ |
| I72 | CVD | Other aneurysm and dissection | ✓ | ✓ | ✓ |
| I72.0 | CVD | Aneurysm and dissection of carotid artery | ✓ | ✓ | ✓ |
| I72.1 | CVD | Aneurysm and dissection of artery of upper extremity | ✓ | ✓ | ✓ |
| I72.2 | CVD | Aneurysm and dissection of renal artery | ✓ | ✓ | ✓ |
| I72.3 | CVD | Aneurysm and dissection of iliac artery | ✓ | ✓ | ✓ |
| I72.4 | CVD | Aneurysm and dissection of artery of lower extremity | ✓ | ✓ | ✓ |
| I72.5 | CVD | Aneurysm and dissection of other precerebral arteries | ✓ | ✓ | ✓ |
| I72.6 | CVD | Aneurysm and dissection of vertebral artery | ✓ | ✓ | ✓ |
| I72.8 | CVD | Aneurysm and dissection of other specified arteries | ✓ | ✓ | ✓ |
| I72.9 | CVD | Aneurysm and dissection of unspecified site | ✓ | ✓ | ✓ |
| I73 | CVD | Other peripheral vascular diseases | ✓ | ✓ | ✓ |
| I73.8 | CVD | Other specified peripheral vascular diseases | ✓ | ✓ | ✓ |
| I73.9 | CVD | Peripheral vascular disease, unspecified | ✓ | ✓ | ✓ |
| I74 | CVD | Arterial embolism and thrombosis | ✓ | ✓ | ✓ |
| I74.0 | CVD | Embolism and thrombosis of abdominal aorta | ✓ | ✓ | ✓ |
| I74.1 | CVD | Embolism and thrombosis of other and unspecified parts of aorta | ✓ | ✓ | ✓ |
| I74.2 | CVD | Embolism and thrombosis of arteries of upper extremities | ✓ | ✓ | ✓ |
| I74.3 | CVD | Embolism and thrombosis of arteries of lower extremities | ✓ | ✓ | ✓ |
| I74.4 | CVD | Embolism and thrombosis of arteries of extremities, unspecified | ✓ | ✓ | ✓ |
| I74.5 | CVD | Embolism and thrombosis of iliac artery | ✓ | ✓ | ✓ |
| I74.8 | CVD | Embolism and thrombosis of other arteries | ✓ | ✓ | ✓ |
| I74.9 | CVD | Embolism and thrombosis of unspecified artery | ✓ | ✓ | ✓ |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ICD-9 | Type | Description | UK | CA | ES |
| 580.0 | KD | Acute glomerulonephritis with lesion of proliferative glomerulonephritis | X | ✓ | X |
| 580.4 | KD | Acute glomerulonephritis with lesion of rapidly progressive glomerulonephritis | X | ✓ | X |
| 580.81 | KD | Acute glomerulonephritis in diseases classified elsewhere | X | ✓ | X |
| 580.89 | KD | Acute glomerulonephritis with other specified pathological lesion in kidney | X | ✓ | X |
| 580.9 | KD | Acute glomerulonephritis with unspecified pathological lesion in kidney | X | ✓ | X |
| 581.0 | KD | Nephrotic syndrome with lesion of proliferative glomerulonephritis | X | ✓ | X |
| 581.1 | KD | Nephrotic syndrome with lesion of membranous glomerulonephritis | X | ✓ | X |
| 581.2 | KD | Nephrotic syndrome with lesion of membranoproliferative glomerulonephritis | X | ✓ | X |
| 581.3 | KD | Nephrotic syndrome with lesion of minimal change glomerulonephritis | X | ✓ | X |
| 581.81 | KD | Nephrotic syndrome in diseases classified elsewhere | X | ✓ | X |
| 581.89 | KD | Nephrotic syndrome with other specified pathological lesion in kidney | X | ✓ | X |
| 581.9 | KD | Nephrotic syndrome with unspecified pathological lesion in kidney | X | ✓ | X |
| 582.0 | KD | Chronic glomerulonephritis with lesion of proliferative glomerulonephritis | X | ✓ | X |
| 582.1 | KD | Chronic glomerulonephritis with lesion of membranous glomerulonephritis | X | ✓ | X |
| 582.2 | KD | Chronic glomerulonephritis with lesion of membranoproliferative glomerulonephritis | X | ✓ | X |
| 582.4 | KD | Chronic glomerulonephritis with lesion of rapidly progressive glomerulonephritis | X | ✓ | X |
| 582.81 | KD | Chronic glomerulonephritis in diseases classified elsewhere | X | ✓ | X |
| 582.89 | KD | Chronic glomerulonephritis with other specified pathological lesion in kidney | X | ✓ | X |
| 582.9 | KD | Chronic glomerulonephritis with unspecified pathological lesion in kidney | X | ✓ | X |
| 583.0 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of proliferative glomerulonephritis | X | ✓ | X |
| 583.1 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of membranous glomerulonephritis | X | ✓ | X |
| 583.2 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of membranoproliferative glomerulonephritis | X | ✓ | X |
| 583.4 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of rapidly progressive glomerulonephritis | X | ✓ | X |
| 583.6 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of renal cortical necrosis | X | ✓ | X |
| 583.7 | KD | Nephritis and nephropathy, not specified as acute or chronic, with lesion of renal medullary necrosis | X | ✓ | X |
| 583.81 | KD | Nephritis and nephropathy, not specified as acute or chronic, in diseases classified elsewhere | X | ✓ | X |
| 583.89 | KD | Nephritis and nephropathy, not specified as acute or chronic, with other specified pathological lesion in kidney | X | ✓ | X |
| 583.9 | KD | Nephritis and nephropathy, not specified as acute or chronic, with unspecified pathological lesion in kidney | X | ✓ | X |
| 584.5 | KD | Acute kidney failure with lesion of tubular necrosis | X | ✓ | X |
| 584.6 | KD | Acute kidney failure with lesion of renal cortical necrosis | X | ✓ | X |
| 584.7 | KD | Acute kidney failure with lesion of renal medullary [papillary] necrosis | X | ✓ | X |
| 584.8 | KD | Acute kidney failure with other specified pathological lesion in kidney | X | ✓ | X |
| 584.9 | KD | Acute kidney failure, unspecified | X | ✓ | X |
| 585.1 | KD | Chronic kidney disease, Stage I | X | ✓ | X |
| 585.2 | KD | Chronic kidney disease, Stage II (mild) | X | ✓ | X |
| 585.3 | KD | Chronic kidney disease, Stage III (moderate) | X | ✓ | X |
| 585.4 | KD | Chronic kidney disease, Stage IV (severe) | X | ✓ | X |
| 585.5 | KD | Chronic kidney disease, Stage V | X | ✓ | X |
| 585.6 | KD | End stage renal disease | X | ✓ | X |
| 585.9 | KD | Chronic kidney disease, unspecified | X | ✓ | X |
| 586 | KD | Renal failure, unspecified | X | ✓ | X |
| 587 | KD | Renal sclerosis, unspecified | X | ✓ | X |
| 402.01 | CVD | Malignant hypertensive heart disease with heart failure | X | ✓ | X |
| 402.11 | CVD | Benign hypertensive heart disease with heart failure | X | ✓ | X |
| 402.91 | CVD | Unspecified hypertensive heart disease with heart failure | X | ✓ | X |
| 403.00 | CVD | Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 403.01 | CVD | Hypertensive chronic kidney disease, malignant, with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 403.10 | CVD | Hypertensive chronic kidney disease, benign, with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 403.11 | CVD | Hypertensive chronic kidney disease, benign, with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 403.90 | CVD | Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 403.91 | CVD | Hypertensive chronic kidney disease, unspecified, with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.00 | CVD | Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.01 | CVD | Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.02 | CVD | Hypertensive heart and chronic kidney disease, malignant, without heart failure and with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.03 | CVD | Hypertensive heart and chronic kidney disease, malignant, with heart failure and with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.10 | CVD | Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.11 | CVD | Hypertensive heart and chronic kidney disease, benign, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.12 | CVD | Hypertensive heart and chronic kidney disease, benign, without heart failure and with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.13 | CVD | Hypertensive heart and chronic kidney disease, benign, with heart failure and chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.90 | CVD | Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.91 | CVD | Hypertensive heart and chronic kidney disease, unspecified, with heart failure and with chronic kidney disease stage I through stage IV, or unspecified | X | ✓ | X |
| 404.92 | CVD | Hypertensive heart and chronic kidney disease, unspecified, without heart failure and with chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 404.93 | CVD | Hypertensive heart and chronic kidney disease, unspecified, with heart failure and chronic kidney disease stage V or end stage renal disease | X | ✓ | X |
| 410.00 | CVD | Acute myocardial infarction of anterolateral wall, episode of care unspecified | X | ✓ | X |
| 410.01 | CVD | Acute myocardial infarction of anterolateral wall, initial episode of care | X | ✓ | X |
| 410.02 | CVD | Acute myocardial infarction of anterolateral wall, subsequent episode of care | X | ✓ | X |
| 410.10 | CVD | Acute myocardial infarction of other anterior wall, episode of care unspecified | X | ✓ | X |
| 410.11 | CVD | Acute myocardial infarction of other anterior wall, initial episode of care | X | ✓ | X |
| 410.12 | CVD | Acute myocardial infarction of other anterior wall, subsequent episode of care | X | ✓ | X |
| 410.20 | CVD | Acute myocardial infarction of inferolateral wall, episode of care unspecified | X | ✓ | X |
| 410.21 | CVD | Acute myocardial infarction of inferolateral wall, initial episode of care | X | ✓ | X |
| 410.22 | CVD | Acute myocardial infarction of inferolateral wall, subsequent episode of care | X | ✓ | X |
| 410.30 | CVD | Acute myocardial infarction of inferoposterior wall, episode of care unspecified | X | ✓ | X |
| 410.31 | CVD | Acute myocardial infarction of inferoposterior wall, initial episode of care | X | ✓ | X |
| 410.32 | CVD | Acute myocardial infarction of inferoposterior wall, subsequent episode of care | X | ✓ | X |
| 410.40 | CVD | Acute myocardial infarction of other inferior wall, episode of care unspecified | X | ✓ | X |
| 410.41 | CVD | Acute myocardial infarction of other inferior wall, initial episode of care | X | ✓ | X |
| 410.42 | CVD | Acute myocardial infarction of other inferior wall, subsequent episode of care | X | ✓ | X |
| 410.50 | CVD | Acute myocardial infarction of other lateral wall, episode of care unspecified | X | ✓ | X |
| 410.51 | CVD | Acute myocardial infarction of other lateral wall, initial episode of care | X | ✓ | X |
| 410.52 | CVD | Acute myocardial infarction of other lateral wall, subsequent episode of care | X | ✓ | X |
| 410.60 | CVD | True posterior wall infarction, episode of care unspecified | X | ✓ | X |
| 410.61 | CVD | True posterior wall infarction, initial episode of care | X | ✓ | X |
| 410.62 | CVD | True posterior wall infarction, subsequent episode of care | X | ✓ | X |
| 410.70 | CVD | Subendocardial infarction, episode of care unspecified | X | ✓ | X |
| 410.71 | CVD | Subendocardial infarction, initial episode of care | X | ✓ | X |
| 410.72 | CVD | Subendocardial infarction, subsequent episode of care | X | ✓ | X |
| 410.80 | CVD | Acute myocardial infarction of other specified sites, episode of care unspecified | X | ✓ | X |
| 410.81 | CVD | Acute myocardial infarction of other specified sites, initial episode of care | X | ✓ | X |
| 410.82 | CVD | Acute myocardial infarction of other specified sites, subsequent episode of care | X | ✓ | X |
| 410.90 | CVD | Acute myocardial infarction of unspecified site, episode of care unspecified | X | ✓ | X |
| 410.91 | CVD | Acute myocardial infarction of unspecified site, initial episode of care | X | ✓ | X |
| 410.92 | CVD | Acute myocardial infarction of unspecified site, subsequent episode of care | X | ✓ | X |
| 411.0 | CVD | Postmyocardial infarction syndrome | X | ✓ | X |
| 411.1 | CVD | Intermediate coronary syndrome | X | ✓ | X |
| 411.81 | CVD | Acute coronary occlusion without myocardial infarction | X | ✓ | X |
| 411.89 | CVD | Other acute and subacute forms of ischemic heart disease, other | X | ✓ | X |
| 412 | CVD | Old myocardial infarction | X | ✓ | X |
| 413.0 | CVD | Angina decubitus | X | ✓ | X |
| 413.1 | CVD | Prinzmetal angina | X | ✓ | X |
| 413.9 | CVD | Other and unspecified angina pectoris | X | ✓ | X |
| 414.00 | CVD | Coronary atherosclerosis of unspecified type of vessel, native or graft | X | ✓ | X |
| 414.01 | CVD | Coronary atherosclerosis of native coronary artery | X | ✓ | X |
| 414.02 | CVD | Coronary atherosclerosis of autologous vein bypass graft | X | ✓ | X |
| 414.03 | CVD | Coronary atherosclerosis of nonautologous biological bypass graft | X | ✓ | X |
| 414.04 | CVD | Coronary atherosclerosis of artery bypass graft | X | ✓ | X |
| 414.05 | CVD | Coronary atherosclerosis of unspecified bypass graft | X | ✓ | X |
| 414.06 | CVD | Coronary atherosclerosis of native coronary artery of transplanted heart | X | ✓ | X |
| 414.07 | CVD | Coronary atherosclerosis of bypass graft (artery) (vein) of transplanted heart | X | ✓ | X |
| 414.10 | CVD | Aneurysm of heart (wall) | X | ✓ | X |
| 414.11 | CVD | Aneurysm of coronary vessels | X | ✓ | X |
| 414.12 | CVD | Dissection of coronary artery | X | ✓ | X |
| 414.19 | CVD | Other aneurysm of heart | X | ✓ | X |
| 414.2 | CVD | Chronic total occlusion of coronary artery | X | ✓ | X |
| 414.3 | CVD | Coronary atherosclerosis due to lipid rich plaque | X | ✓ | X |
| 414.4 | CVD | Coronary atherosclerosis due to calcified coronary lesion | X | ✓ | X |
| 414.8 | CVD | Other specified forms of chronic ischemic heart disease | X | ✓ | X |
| 414.9 | CVD | Chronic ischemic heart disease, unspecified | X | ✓ | X |
| 425.18 | CVD | Other hypertrophic cardiomyopathy | X | ✓ | X |
| 427.5 | CVD | Cardiac arrest | X | ✓ | X |
| 428.0 | CVD | Congestive heart failure, unspecified | X | ✓ | X |
| 428.1 | CVD | Left heart failure | X | ✓ | X |
| 428.20 | CVD | Systolic heart failure, unspecified | X | ✓ | X |
| 428.21 | CVD | Acute systolic heart failure | X | ✓ | X |
| 428.22 | CVD | Chronic systolic heart failure | X | ✓ | X |
| 428.23 | CVD | Acute on chronic systolic heart failure | X | ✓ | X |
| 428.30 | CVD | Diastolic heart failure, unspecified | X | ✓ | X |
| 428.31 | CVD | Acute diastolic heart failure | X | ✓ | X |
| 428.32 | CVD | Chronic diastolic heart failure | X | ✓ | X |
| 428.33 | CVD | Acute on chronic diastolic heart failure | X | ✓ | X |
| 428.40 | CVD | Combined systolic and diastolic heart failure, unspecified | X | ✓ | X |
| 428.41 | CVD | Acute combined systolic and diastolic heart failure | X | ✓ | X |
| 428.42 | CVD | Chronic combined systolic and diastolic heart failure | X | ✓ | X |
| 428.43 | CVD | Acute on chronic combined systolic and diastolic heart failure | X | ✓ | X |
| 428.9 | CVD | Heart failure, unspecified | X | ✓ | X |
| 429.2 | CVD | Cardiovascular disease, unspecified | X | ✓ | X |
| 429.3 | CVD | Cardiomegaly | X | ✓ | X |
| 429.89 | CVD | Other ill-defined heart diseases | X | ✓ | X |
| 429.9 | CVD | Heart disease, unspecified | X | ✓ | X |
| 430 | CVD | Subarachnoid hemorrhage | X | ✓ | X |
| 431 | CVD | Intracerebral hemorrhage | X | ✓ | X |
| 432.0 | CVD | Nontraumatic extradural hemorrhage | X | ✓ | X |
| 432.1 | CVD | Subdural hemorrhage | X | ✓ | X |
| 432.9 | CVD | Unspecified intracranial hemorrhage | X | ✓ | X |
| 433.00 | CVD | Occlusion and stenosis of basilar artery without mention of cerebral infarction | X | ✓ | X |
| 433.01 | CVD | Occlusion and stenosis of basilar artery with cerebral infarction | X | ✓ | X |
| 433.10 | CVD | Occlusion and stenosis of carotid artery without mention of cerebral infarction | X | ✓ | X |
| 433.11 | CVD | Occlusion and stenosis of carotid artery with cerebral infarction | X | ✓ | X |
| 433.20 | CVD | Occlusion and stenosis of vertebral artery without mention of cerebral infarction | X | ✓ | X |
| 433.21 | CVD | Occlusion and stenosis of vertebral artery with cerebral infarction | X | ✓ | X |
| 433.30 | CVD | Occlusion and stenosis of multiple and bilateral precerebral arteries without mention of cerebral infarction | X | ✓ | X |
| 433.31 | CVD | Occlusion and stenosis of multiple and bilateral precerebral arteries with cerebral infarction | X | ✓ | X |
| 433.80 | CVD | Occlusion and stenosis of other specified precerebral artery without mention of cerebral infarction | X | ✓ | X |
| 433.81 | CVD | Occlusion and stenosis of other specified precerebral artery with cerebral infarction | X | ✓ | X |
| 433.90 | CVD | Occlusion and stenosis of unspecified precerebral artery without mention of cerebral infarction | X | ✓ | X |
| 433.91 | CVD | Occlusion and stenosis of unspecified precerebral artery with cerebral infarction | X | ✓ | X |
| 434.00 | CVD | Cerebral thrombosis without mention of cerebral infarction | X | ✓ | X |
| 434.01 | CVD | Cerebral thrombosis with cerebral infarction | X | ✓ | X |
| 434.10 | CVD | Cerebral embolism without mention of cerebral infarction | X | ✓ | X |
| 434.11 | CVD | Cerebral embolism with cerebral infarction | X | ✓ | X |
| 434.90 | CVD | Cerebral artery occlusion, unspecified without mention of cerebral infarction | X | ✓ | X |
| 434.91 | CVD | Cerebral artery occlusion, unspecified with cerebral infarction | X | ✓ | X |
| 435.0 | CVD | Basilar artery syndrome | X | ✓ | X |
| 435.1 | CVD | Vertebral artery syndrome | X | ✓ | X |
| 435.3 | CVD | Vertebrobasilar artery syndrome | X | ✓ | X |
| 435.8 | CVD | Other specified transient cerebral ischemias | X | ✓ | X |
| 435.9 | CVD | Unspecified transient cerebral ischemia | X | ✓ | X |
| 436 | CVD | Acute, but ill-defined, cerebrovascular disease | X | ✓ | X |
| 437.0 | CVD | Cerebral atherosclerosis | X | ✓ | X |
| 437.1 | CVD | Other generalized ischemic cerebrovascular disease | X | ✓ | X |
| 440.0 | CVD | Atherosclerosis of aorta | X | ✓ | X |
| 440.1 | CVD | Atherosclerosis of renal artery | X | ✓ | X |
| 440.20 | CVD | Atherosclerosis of native arteries of the extremities, unspecified | X | ✓ | X |
| 440.21 | CVD | Atherosclerosis of native arteries of the extremities with intermittent claudication | X | ✓ | X |
| 440.22 | CVD | Atherosclerosis of native arteries of the extremities with rest pain | X | ✓ | X |
| 440.23 | CVD | Atherosclerosis of native arteries of the extremities with ulceration | X | ✓ | X |
| 440.24 | CVD | Atherosclerosis of native arteries of the extremities with gangrene | X | ✓ | X |
| 440.29 | CVD | Other atherosclerosis of native arteries of the extremities | X | ✓ | X |
| 440.30 | CVD | Atherosclerosis of unspecified bypass graft of the extremities | X | ✓ | X |
| 440.31 | CVD | Atherosclerosis of autologous vein bypass graft of the extremities | X | ✓ | X |
| 440.32 | CVD | Atherosclerosis of nonautologous biological bypass graft of the extremities | X | ✓ | X |
| 440.4 | CVD | Chronic total occlusion of artery of the extremities | X | ✓ | X |
| 440.8 | CVD | Atherosclerosis of other specified arteries | X | ✓ | X |
| 440.9 | CVD | Generalized and unspecified atherosclerosis | X | ✓ | X |
| 441.00 | CVD | Dissection of aorta, unspecified site | X | ✓ | X |
| 441.01 | CVD | Dissection of aorta, thoracic | X | ✓ | X |
| 441.02 | CVD | Dissection of aorta, abdominal | X | ✓ | X |
| 441.03 | CVD | Dissection of aorta, thoracoabdominal | X | ✓ | X |
| 441.1 | CVD | Thoracic aneurysm, ruptured | X | ✓ | X |
| 441.2 | CVD | Thoracic aneurysm without mention of rupture | X | ✓ | X |
| 441.3 | CVD | Abdominal aneurysm, ruptured | X | ✓ | X |
| 441.4 | CVD | Abdominal aneurysm without mention of rupture | X | ✓ | X |
| 441.5 | CVD | Aortic aneurysm of unspecified site, ruptured | X | ✓ | X |
| 441.6 | CVD | Thoracoabdominal aneurysm, ruptured | X | ✓ | X |
| 441.7 | CVD | Thoracoabdominal aneurysm, without mention of rupture | X | ✓ | X |
| 441.9 | CVD | Aortic aneurysm of unspecified site without mention of rupture | X | ✓ | X |
| 442.0 | CVD | Aneurysm of artery of upper extremity | X | ✓ | X |
| 442.1 | CVD | Aneurysm of renal artery | X | ✓ | X |
| 442.2 | CVD | Aneurysm of iliac artery | X | ✓ | X |
| 442.3 | CVD | Aneurysm of artery of lower extremity | X | ✓ | X |
| 442.81 | CVD | Aneurysm of artery of neck | X | ✓ | X |
| 442.82 | CVD | Aneurysm of subclavian artery | X | ✓ | X |
| 442.83 | CVD | Aneurysm of splenic artery | X | ✓ | X |
| 442.84 | CVD | Aneurysm of other visceral artery | X | ✓ | X |
| 442.89 | CVD | Aneurysm of other specified artery | X | ✓ | X |
| 442.9 | CVD | Aneurysm of unspecified site | X | ✓ | X |
| 443.21 | CVD | Dissection of carotid artery | X | ✓ | X |
| 443.22 | CVD | Dissection of iliac artery | X | ✓ | X |
| 443.23 | CVD | Dissection of renal artery | X | ✓ | X |
| 443.24 | CVD | Dissection of vertebral artery | X | ✓ | X |
| 443.29 | CVD | Dissection of other artery | X | ✓ | X |
| 443.81 | CVD | Peripheral angiopathy in diseases classified elsewhere | X | ✓ | X |
| 443.89 | CVD | Other specified peripheral vascular diseases | X | ✓ | X |
| 443.9 | CVD | Peripheral vascular disease, unspecified | X | ✓ | X |
| 444.01 | CVD | Saddle embolus of abdominal aorta | X | ✓ | X |
| 444.09 | CVD | Other arterial embolism and thrombosis of abdominal aorta | X | ✓ | X |
| 444.1 | CVD | Embolism and thrombosis of thoracic aorta | X | ✓ | X |
| 444.21 | CVD | Arterial embolism and thrombosis of upper extremity | X | ✓ | X |
| 444.22 | CVD | Arterial embolism and thrombosis of lower extremity | X | ✓ | X |
| 444.81 | CVD | Embolism and thrombosis of iliac artery | X | ✓ | X |
| 444.89 | CVD | Embolism and thrombosis of other specified artery | X | ✓ | X |
| 444.9 | CVD | Embolism and thrombosis of unspecified artery | X | ✓ | X |
| 445.01 | CVD | Atheroembolism of upper extremity | X | ✓ | X |
| 445.02 | CVD | Atheroembolism of lower extremity | X | ✓ | X |
| 445.81 | CVD | Atheroembolism of kidney | X | ✓ | X |
| 445.89 | CVD | Atheroembolism of other site | X | ✓ | X |
| 447.71 | CVD | Thoracic aortic ectasia | X | ✓ | X |
| 447.72 | CVD | Abdominal aortic ectasia | X | ✓ | X |
| 447.73 | CVD | Thoracoabdominal aortic ectasia | X | ✓ | X |