Supplementary Table S3: Translation of identification algorithm from ICD-9 to ICD-10 diagnostic codes

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|  | ICD-9 Codes | ICD-10 |
| **Inclusion** |   |   |
|  Hereditary Progressive Muscular Dystrophy |  359.1 | G71.0 |
| **Exclusions** |   |   |
|  Cerebral degenerations | 330.0, 330.1, 330.8 | E75.25, E75.23, E75.29, E75.00, E75.01, E75.02, E75.10, E75.11, E75.19, E75.4, E75.09, G31.81, G31.82, F84.2 |
|  Spinocerebellar disease  | 334.1, 334.2, 334.3, 334.4 | G11.4, G11.8, G11.0, G11.9, G11.2, G11.3, G11.1, G32.81 |
|  Anterior horn cell disease | 335.0, 335.10, 335.11, 335.19, 335.20, 335.22, 335.29 | G12.0, G12.9, G12.25, G12.1, G12.8, G12.21, G12.22, G12.20, G12.24, G12.29 |
|  Hereditary and idiopathic peripheral neuropathy | 356.0, 356.2, 356.3, 356.4, 356.8, 356.9 | G60.0, G60.2, G60.1, G60.3, G60.8, G60.9 |
|  Other 359.x  | 359.0, 359.2, 359.21, 359.22, 359.23, 359.24, 359.29, 359.3, 359.4, 359.5, 359.6, 359.71, 359.79, 359.81, 359.89, 359.9 | G71.2, G71.11, G71.12, G71.13, G71.14, G71.19, G72.3, G72.0, G72.2, G73.7, M33.02, M33.12, M33.22, M33.92, M34.82, M35.03, G72.41, G72.49, G72.81, G71.8, G71.3, G72.89, G71.9, G72.9 |
|  G-tubea | 43.11, 43.19, 44.32, V44.1, V55.1 | 0DH63UZ, 0DH64UZ, 0D168Z4, 0D163J4, 0D160J4, 0D164Z4, 0D16074, 0D164J4, 0D160Z4, 0D16474, 0D168J4, 0D160K4, 0D164K4, 0D168K4, 0D16874, ODH60UZ, 0DW04UZ, ODW08UZ, Z93.1, Z43.1 |
|  Ophthalmoplegia | 333.0, 367.52, 378.55, 378.56, 378.72, 378.86, 378.9 | G23.0, G23.9, G90.3, G23.1, G23.2, G23.8, H52.513, H52.512, H52.511, H52.519, H49.41, H49.42, H49.43, H49.33, H49.31, H49.30, H49.43, H49.42, H49.41, H49.40, H51.21, H51.22. H51.23, H51.20, H50.89, H50.9, H51.9 |
|  Pigmentary retinopathy | 362.74 | H35.52 |
|  Mortality age<5 |  |  |
|  Ventilation <5 years of age (tracheostomy or CPAP/BIPAPb) | 31.1, 31.2, 31.21, 31.29, 31.41, 518.51, 518.52, 518.53, 518.81, 518.82, 518.83, 518.84, 519.00, 519.01, 519.02, 519.09, 799.1, 997.31, 997.32, 997.39, V44.0, V46.11, V46.12, V46.14, V46.2, V46.8, V55.0 | 0B110F4, 0B110Z4, 0B113F4, 0B113Z4, 0B114F4, 0B114Z4, 0BJ18ZZ, J95.821, J96.00, J95.1, J95.2, J95.3, J95.822, J96.20, J96.01, J96.02, J96.92, J96.90, J96.91, J80, R06.03, J96.11, J96.12, J96.10, J96.21, J96.22, J95.822, J95.00, J95.02, J95.03, J95.01, J95.04, J95.09R09.2, J95.851, J95.89, J95.88, J95.859, J95.4, J95.5, Z93.0, Z99.11, Z99.12, J95.850, Z99.81, Z99.89, Z43.0 |
|  AICDc <10 years of age | 996.04, V45.00, V45.01, V45.02, V45.09, V53.31, V53.32, V53.39 | T82.120A, T82.128A, T82.121A, T82.118A, T82.111A, T82.110D, T82.199A, T82.190A, T82.198A, T82.191A, T82.119A, T82.110A, T82.111D, T82.191D, T82.120D, T82.119D, T82.190D, Z95.9, Z95.0, Z95.810, Z95.818, Z45.018, Z45.010, Z45.02, Z45.09 |
|  Arrhythmia <5 years of age | 426.0, 426.10, 426.11, 426.12, 426.13, 426.2, 426.3, 426.4, 426.50, 426.53, 426.54, 426.6, 426.7, 426.82, 426.89, 426.9427.1, 427.31, 427.32, 427.41, 427.42, 427.5, 427.81, 427.89, 427.9 | I44.2, I44.39, I44.30, I44.0, I44.1, I44.4, I44.5, I44.60, I44.69, I44.7, I45.0, I45.19, I45.10, I45.4, I45.2, I45.30, I45.5, I45.6, I45.81, I45.89, I45.9, I46.9, I47.0, I47.2, I48.2, I48.91, I48.1, I48.0, I48.3, I48.4, I48.92, I49.01, I49.02, I49.5, I49.8, I49.9, R00.1 |
|  Cardiovascular disease <5 years of age | 414.10, 414.11, 414.12, 425.3, 429.1, 429.5, 429.6, 429.71, 429.79, 429.81, 429.83, V45.81398.91, 412, 414.8, 414.9, 425.0, 425.11, 425.18, 425.4, 425.8, 425.9. 428.0, 428.1, 428.21, 428.22, 428.23, 428.31, 428.32, 428.33, 428.41, 428.42, 428.43, 428.9, 429.3, 429.82, 429.89, 429.9 | I25.3, I25.41, I25.42, I42.4, I51.5, I51.1, I51.2, I23.1, I51.0, I51.3, I23.6, I23.8, I23.3, I23.0, I51.89, I51.81, Z95.1I09.81, I25.2, I25.5, I25.6, I25.89, I25.9, I42.3, I42.1, I42.2, I42.5, I42.0, I42.9, I42.8, I50.814, I43, B33.24, I42.7, I50.9, I50.1, I50.21, I50.22, I50.23, I50.31, I50.32, I50.33, I50.41, I50.42, I50.43, I50.9, I51.7, I51.89, I51.3, I51.810, I50.811, I50.812, I50.813, I50.82, I50.83, I50.84, I50.89, I50.9, I52, I51.9 |
|  Female |  |  |
|  Age <1 year at time of only encounter |  |  |

agastrostomy tube (G-tube)

bContinuous positive airway pressure (CPAP), bilevel positive airway pressure (BiPAP)

cAutomatic implantable cardioverter-defibrillator (AICD)