**Code table for Stroke Staple Dataset**

**Data available from 2005 onwards to latest available year.**

| **SNO** | **Variable Name** | **Description** | **Code Table** |
| --- | --- | --- | --- |
| 1 | UIN | Key-coded ID (unique for each patient) |  |
| 2 | RESIDENT\_ST | Residential status | SG=Singaporean, PR= Permanent Resident |
| 3 | GENDER | Gender | M=male, F=female |
| 4 | ETHNIC\_GROUP | Ethnicity | CN=chinese, MY=malay, IN=indian, XX=others |
| 5 | ADMIS\_AGE | Age at arrival |  |
| 6 | YEAR\_ARRIVAL | Year of arrival |  |
| 7 | EPISODE | Order of episode for the same patient |  |
| 8 | TRANSFER\_FR\_HOS | Transfer from other hospital | Y=yes, N=no |
| 9 | ETIOLOGY | Etiology of stroke | 10=ischemic, 21=subarachnoid hemorrhage, 22=parenchyma hemorrhage, 30=unknown |
| 10 | HIST\_TIA | History of TIA | Y=yes, N=no, M=missing |
| 11 | HIST\_STROKE | History of stroke | Y=yes, N=no, M=missing |
| 12 | HIST\_HYPERTENSION | History of hypertension | Y=yes, N=no, M=missing |
| 13 | HIST\_DIABETES\_MELLITUS | History of diabetes mellitus | Y=yes, N=no, M=missing |
| 14 | HIST\_ISCHEMIC\_HEART\_DIS | Hsitory of ischemic heart disease | Y=yes, N=no, M=missing |
| 15 | HIST\_ATRIAL\_FIL | History of atrial fibrillation | Y=yes, N=no, M=missing |
| 16 | HIST\_VALV\_HEART\_DIS | History of valvular heart disease | Y=yes, N=no, M=missing |
| 17 | HIST\_PERIPH\_VASC\_DIS | History of peripheral heart disease | Y=yes, N=no, M=missing |
| 18 | HIST\_HYPERLIPIDEMIA | History of hyperlipidemia | Y=yes, N=no, M=missing |
| 19 | HIST\_SMOKING | History of smoking | Y=yes, N=no/never, E=ex, C=current, M=missing |
| 20 | DIAG\_HYPERTENSION | Diagnosed this admission - hypertension | Y=yes, N=no |
| 21 | DIAG\_DIABETES\_MELLITUS | Diagnosed this admission - diabetes mellitus | Y=yes, N=no |
| 22 | DIAG\_HYPERLIPIDEMIA | Diagnosed this admission - hyperlipidemia | Y=yes, N=no |
| 23 | DIAG\_ATRIAL\_FIL | Diagnosed this admission - atrial fibrillation | Y=yes, N=no |
| 24 | BLOOD\_SUGAR\_LVL | Blood sugar level | in mmol/L |
| 25 | BLOOD\_SUGAR\_COND | Blood sugar taken condition | R=random, F=fasting |
| 26 | BLOOD\_SUGAR\_SRC | Blood sugar taken source | V=venous, C=capillary |
| 27 | TOT\_CHOLESTEROL\_LVL | Total cholesterol level | in mmol/L |
| 28 | TOT\_CHOLESTEROL\_COND | Total cholesterol taken condition | R=random, F=fasting |
| 29 | HDL\_CHOLESTEROL\_LVL | HDL cholesterol level | in mmol/L |
| 30 | HDL\_CHOLESTEROL\_COND | HDL cholesterol taken condition | R=random, F=fasting |
| 31 | LDL\_CHOLESTEROL\_LVL | LDL cholesterol level | in mmol/L |
| 32 | LDL\_CHOLESTEROL\_COND | LDL cholesterol taken condition | R=random, F=fasting |
| 33 | TRIGLYCERIDE\_LVL | Triglyceride level | in mmol/L |
| 34 | TRIGLYCERIDE\_COND | Triglyceride taken condition | R=random, F=fasting |
| 35 | HBA1C | HbA1c level | in % |
| 36 | HEMOGLOBIN\_LVL | Hemaglobin level | in g/dl |
| 37 | HEMATOCRIT\_LVL | Hematocrit level | in % |
| 38 | PLATELET\_LVL | Platelet level | in 109/L |
| 39 | ECG\_ST | ECG done status | 0=not done, 1=done |
| 40 | TIME\_CT\_SCAN | Time to CT scan =date time of CT scan-date time of arrival (in hours corrected to 2 decimal places) |  |
| 41 | CT\_SCAN\_ST | CT scan done status | 0=not done, 1=done |
| 42 | TIME\_MRI\_SCAN | Time to MRI scan=date time of MRI scan-date time of arrival (in hours corrected to 2 decimal places) |  |
| 43 | MRI\_SCAN\_ST | MRI scan done status | 0=not done, 1=done |
| 44 | TRMT\_ANTIPLATELET | Antiplatelet regular dose | Y=yes, N=no |
| 45 | APL\_CONTRA | Antiplatelet contraindiction | Y=yes, N=no, U=unknown |
| 46 | APL\_STAT\_DOSE | Antiplatelet stat dose | Y=yes, N=no |
| 47 | APL\_AT\_DISCH | Antiplatelet at discharge | Y=yes, N=no |
| 48 | TRMT\_LMW\_HEPARIN | LMW Heparin regular dose | Y=yes, N=no |
| 49 | LMW\_CONTRA | LMW Heparin contraindiction | Y=yes, N=no, U=unknown |
| 50 | LMW\_STAT\_DOSE | LMW Heparin stat dose | Y=yes, N=no |
| 51 | LMW\_AT\_DISCH | LMW Heparin at discharge | Y=yes, N=no |
| 52 | TRMT\_WARFARIN | Anticoagulant regular dose | Y=yes, N=no |
| 53 | ACGL\_CONTRA | Anticoagulant contraindiction | Y=yes, N=no, U=unknown |
| 54 | ACGL\_STAT\_DOSE | Anticoagulant stat dose | Y=yes, N=no |
| 55 | ACGL\_AT\_DISCH | Anticoagulant at discharge | Y=yes, N=no |
| 56 | TRMT\_THROM | Thrombolytic agent given | Y=yes, N=no |
| 57 | TIME\_THROMBOLYSIS | Time to thrombolysis=date time of thrombolysis-date time of arrival (in hours corrected to 2 decimal places) |  |
| 58 | TRMT\_ANTITHROMBOTIC | Antithrombotic therapy by end of day 2 | Y=yes, N=no |
| 59 | TRMT\_DISCHARGED\_STAIN\_MED | Discharge on statin medication | Y=yes, N=no |
| 60 | TRMT\_SURGERY\_ANEURYSM | Surgery - clippling of aneurysm | Y=yes, N=no, P=planned |
| 61 | TRMT\_SURGERY\_CAROTID\_ENDAR | Surgery - carotid endarterectomy | Y=yes, N=no, P=planned |
| 62 | TRMT\_SURGERY\_EVD\_VP\_SHUNT | Surgery - insertion of evd/vp shunt | Y=yes, N=no, P=planned |
| 63 | TRMT\_SURGERY\_EXCISION\_AVM | Surgery - excision/resection/clipping of avm | Y=yes, N=no, P=planned |
| 64 | TRMT\_SURGERY\_GAMMA\_KNIFE\_AVM | Surgery - gamma knife irradiation of avm | Y=yes, N=no, P=planned |
| 65 | TRMT\_SURGERY\_HEMI\_DECOMP | Surgery - hemi-craniectomy/decompression | Y=yes, N=no |
| 66 | TRMT\_SURGERY\_INTRACR\_HEMATOMA | Surgery - evacuation of intracranial haematoma | Y=yes, N=no |
| 67 | TRMT\_SURGERY\_OTHERS\_PLANNED | Surgery - planned others | Y=yes, P=planned |
| 68 | TRMT\_THERAPY\_CAROTID | Therapy - carotid angioplasty, stenting | Y=yes, N=no, P=planned |
| 69 | TRMT\_THERAPY\_INTRACRANIAL | Therapy - coiling of aneurysm | Y=yes, N=no |
| 70 | TRMT\_THERAPY\_COILING | Therapy - embolization of avm | Y=yes, N=no |
| 71 | TRMT\_THERAPY\_EMBOLIZATION | Therapy - intracranial angioplasty, stenting | Y=yes, N=no, P=planned |
| 72 | TRMT\_STR\_EDUCATION |  | Y=yes, N=no |
| 73 | TRMT\_ASSESSED\_REHABILATION |  | Y=yes, N=no |
| 74 | TRMT\_CLINICAL\_TRIAL | Patient on stroke clinical trial? | Y=yes, N=no |
| 75 | STROKE\_PATHWAY | Patient on stroke pathway? | Y=yes, N=no |
| 76 | EV1 | Inpatient event - pneumonia | Y=yes |
| 77 | EV2 | Inpatient event - urinary tract infection | Y=yes |
| 78 | EV3 | Inpatient event - deep vein thrombosis | Y=yes |
| 79 | EV4 | Inpatient event - angina/acute myocardial infarct | Y=yes |
| 80 | EV5 | Inpatient event - pulmonary embolism | Y=yes |
| 81 | EV6 | Inpatient event - sepsis or septicaemia (cause unknown) | Y=yes |
| 82 | EV7 | Inpatient event - recurrent stroke within 28 days | Y=yes |
| 83 | EV8 | Inpatient event - none | Y=yes |
| 84 | LOS | Length of hospital stay=date of discharge-date of arrival (in days) |  |
| 85 | DISCHARGE\_ST | Discharge status | 10=died |
|  |  | 20=rehab current hospital |
|  |  | 31=rehab other hospital |
|  |  | 32=rehab community hospital |
|  |  | 40=nursing home/chronic sick hospital |
|  |  | 51=home with rehab appt |
|  |  | 52=home w/o rehab appt |
|  |  | 60=other hospital for other management |
|  |  | 70=other hospital for stroke management |
| 86 | DEATH\_AGE | Age at death (date of death-date of birth) |  |
| 87 | YEAR\_DEATH | Year of death |  |
| 88 | DEATH\_CODE | Death cause (in ICD codes) | refer to ICD-9 (before 2012) and ICD-10 manual (2012 & after) |
| 89 | DEATH\_CAUSE | Death cause (text description) |  |
| 90 | SURVIVAL\_TIME | Death date or Censor date (31/12/2014) - Arrival date | in years, corrected to 1 decimal point |

**Note 1:** Stroke dataset is by episode, following Monica criteria. **Note 2**: Item 6, 7, 40, 42, 57, 84, 86, 87, 90 are computed variables in replacement of original dates.