

## Supplementary Material

### Supplementary Table 1: Healthcare Common Procedure Coding System (HCPCS) Codes for Catheters Used During Cardiac Ablation

Code	Code Description
C1732	Catheter, electrophysiology, diagnostic/ablation, 3d or vector mapping
C1733	Catheter, electrophysiology, diagnostic/ablation, other than 3d or vector mapping, other than cool-tip
C2630	Catheter, electrophysiology, diagnostic/ablation, other than 3d or vector mapping, cool-tip

**Supplementary Table 2: Current Procedural Terminology (CPT) Codes for Procedures of Interest**

<b>Code</b>	<b>Code Description</b>
93654	Comprehensive electrophysiologic evaluation including insertion and repositioning of multiple electrode catheters with induction or attempted induction of an arrhythmia with right atrial pacing and recording, right ventricular pacing and recording (when necessary), and His bundle recording (when necessary) with intracardiac catheter ablation of arrhythmogenic focus; with treatment of ventricular tachycardia or focus of ventricular ectopy including intracardiac electrophysiologic 3D mapping, when performed, and left ventricular pacing and recording, when performed
93656	Comprehensive electrophysiologic evaluation including transseptal catheterizations, insertion and repositioning of multiple electrode catheters with induction or attempted induction of an arrhythmia including left or right atrial pacing/recording when necessary, right ventricular pacing/recording when necessary, and His bundle recording when necessary with intracardiac catheter ablation of atrial fibrillation by pulmonary vein isolation
93657	Additional linear or focal intracardiac catheter ablation of the left or right atrium for treatment of atrial fibrillation remaining after completion of pulmonary vein isolation (List separately in addition to code for primary procedure)

**Supplementary Table 3: International Classification of Diseases (ICD)-9-Clinical Modification (CM), ICD-10-CM, and SNOMED CT Codes for Patient Populations of Interest**

<b>Population of Interest</b>	<b>Source</b>	<b>Code</b>	<b>Code Description</b>
Patients with atrial fibrillation had at least one of the following diagnosis codes prior to or during the clinical encounter that included the ablation procedure	ICD-9-CM	427.31	Atrial fibrillation
	ICD-10-CM	I48.0	Paroxysmal atrial fibrillation
	ICD-10-CM	I48.1	Persistent atrial fibrillation
	ICD-10-CM	I48.2	Chronic atrial fibrillation
Patients with ventricular tachycardia: had at least one of the following diagnosis codes prior to or during the clinical encounter that included the ablation procedure	ICD-10-CM	I48.91	Unspecified atrial fibrillation
	ICD-9-CM	427.1	Paroxysmal ventricular tachycardia
	ICD-10-CM	I47.2	Ventricular tachycardia

**Supplementary Table 4: International Classification of Diseases (ICD)-9-Clinical Modification (CM) and ICD-10-CM for Patients with Ischemic Heart Disease**

Source	Code	Code Description
ICD-9-CM	410.00	Acute myocardial infarction of anterolateral wall, episode of care unspecified
ICD-9-CM	410.01	Acute myocardial infarction of anterolateral wall, initial episode of care
ICD-9-CM	410.02	Acute myocardial infarction of anterolateral wall, subsequent episode of care
ICD-9-CM	410.10	Acute myocardial infarction of other anterior wall, episode of care unspecified
ICD-9-CM	410.11	Acute myocardial infarction of other anterior wall, initial episode of care
ICD-9-CM	410.12	Acute myocardial infarction of other anterior wall, subsequent episode of care
ICD-9-CM	410.20	Acute myocardial infarction of inferolateral wall, episode of care unspecified
ICD-9-CM	410.21	Acute myocardial infarction of inferolateral wall, initial episode of care
ICD-9-CM	410.22	Acute myocardial infarction of inferolateral wall, subsequent episode of care
ICD-9-CM	410.30	Acute myocardial infarction of inferoposterior wall, episode of care unspecified
ICD-9-CM	410.31	Acute myocardial infarction of inferoposterior wall, initial episode of care
ICD-9-CM	410.32	Acute myocardial infarction of inferoposterior wall, subsequent episode of care
ICD-9-CM	410.40	Acute myocardial infarction of other inferior wall, episode of care unspecified
ICD-9-CM	410.41	Acute myocardial infarction of other inferior wall, initial episode of care
ICD-9-CM	410.42	Acute myocardial infarction of other inferior wall, subsequent episode of care
ICD-9-CM	410.50	Acute myocardial infarction of other lateral wall, episode of care unspecified
ICD-9-CM	410.51	Acute myocardial infarction of other lateral wall, initial episode of care
ICD-9-CM	410.52	Acute myocardial infarction of other lateral wall, subsequent episode of care
ICD-9-CM	410.60	True posterior wall infarction, episode of care unspecified
ICD-9-CM	410.61	True posterior wall infarction, initial episode of care
ICD-9-CM	410.62	True posterior wall infarction, subsequent episode of care
ICD-9-CM	410.70	Subendocardial infarction, episode of care unspecified
ICD-9-CM	410.71	Subendocardial infarction, initial episode of care
ICD-9-CM	410.72	Subendocardial infarction, subsequent episode of care
ICD-9-CM	410.80	Acute myocardial infarction of other specified sites, episode of care unspecified
ICD-9-CM	410.81	Acute myocardial infarction of other specified sites, initial episode of care
ICD-9-CM	410.82	Acute myocardial infarction of other specified sites, subsequent episode of care
ICD-9-CM	410.90	Acute myocardial infarction of unspecified site, episode of care

		unspecified
ICD-9-CM	410.91	Acute myocardial infarction of unspecified site, initial episode of care
ICD-9-CM	410.92	Acute myocardial infarction of unspecified site, subsequent episode of care
ICD-9-CM	411.89	Other acute and subacute forms of ischemic heart disease, other
ICD-9-CM	412	Old myocardial infarction
ICD-9-CM	414.00	Coronary atherosclerosis of unspecified type of vessel, native or graft
ICD-9-CM	414.01	Coronary atherosclerosis of native coronary artery
ICD-9-CM	414.02	Coronary atherosclerosis of autologous vein bypass graft
ICD-9-CM	414.03	Coronary atherosclerosis of nonautologous biological bypass graft
ICD-9-CM	414.04	Coronary atherosclerosis of artery bypass graft
ICD-9-CM	414.05	Coronary atherosclerosis of unspecified bypass graft convert
ICD-9-CM	414.06	Coronary atherosclerosis of native coronary artery of transplanted heart
ICD-9-CM	414.07	Coronary atherosclerosis of bypass graft (artery) (vein) of transplanted heart
ICD-9-CM	414.2	Chronic total occlusion of coronary artery
ICD-9-CM	414.3	Coronary atherosclerosis due to lipid rich plaque
ICD-9-CM	414.4	Coronary atherosclerosis due to calcified coronary lesion
ICD-9-CM	414.8	Other specified forms of chronic ischemic heart disease
ICD-9-CM	414.9	Chronic ischemic heart disease, unspecified
ICD-10-CM	I21.01	ST elevation (STEMI) myocardial infarction involving left main coronary artery
ICD-10-CM	I21.02	ST elevation (STEMI) myocardial infarction involving left anterior descending coronary artery
ICD-10-CM	I21.09	ST elevation (STEMI) myocardial infarction involving other coronary artery of anterior wall
ICD-10-CM	I21.11	ST elevation (STEMI) myocardial infarction involving right coronary artery
ICD-10-CM	I21.19	ST elevation (STEMI) myocardial infarction involving other coronary artery of inferior wall
ICD-10-CM	I21.21	ST elevation (STEMI) myocardial infarction involving left circumflex coronary artery
ICD-10-CM	I21.29	ST elevation (STEMI) myocardial infarction involving other sites
ICD-10-CM	I21.3	ST elevation (STEMI) myocardial infarction of unspecified site
ICD-10-CM	I21.4	Non-ST elevation (NSTEMI) myocardial infarction
ICD-10-CM	I22.0	Subsequent ST elevation (STEMI) myocardial infarction of anterior wall
ICD-10-CM	I22.1	Subsequent ST elevation (STEMI) myocardial infarction of inferior wall
ICD-10-CM	I22.2	Subsequent non-ST elevation (NSTEMI) myocardial infarction
ICD-10-CM	I22.8	Subsequent ST elevation (STEMI) myocardial infarction of other sites
ICD-10-CM	I22.9	Subsequent ST elevation (STEMI) myocardial infarction of unspecified site
ICD-10-CM	I24.8	Other forms of acute ischemic heart disease
ICD-10-CM	I24.9	Acute ischemic heart disease, unspecified
ICD-10-CM	I25.10	Atherosclerotic heart disease of native coronary artery without angina pectoris
ICD-10-CM	I25.110	Atherosclerotic heart disease of native coronary artery with unstable angina pectoris

ICD-10-CM	I25.111	Atherosclerotic heart disease of native coronary artery with documented spasm
ICD-10-CM	I25.118	Atherosclerotic heart disease of native coronary artery with other forms of angina pectoris
ICD-10-CM	I25.119	Atherosclerotic heart disease of native coronary artery with unspecified angina
ICD-10-CM	I25.2	Old myocardial infarction
ICD-10-CM	I25.5	Ischemic cardiomyopathy
ICD-10-CM	I25.700	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unstable angina pectoris
ICD-10-CM	I25.701	Atherosclerosis of coronary artery bypass graft(s), unspecified, with documented spasm
ICD-10-CM	I25.708	Atherosclerosis of coronary artery bypass graft(s), unspecified, with other forms of angina pectoris
ICD-10-CM	I25.709	Atherosclerosis of coronary artery bypass graft(s), unspecified, with unspecified angina pectoris
ICD-10-CM	I25.710	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unstable angina pectoris
ICD-10-CM	I25.711	Atherosclerosis of autologous vein coronary artery bypass graft(s) with documented spasm
ICD-10-CM	I25.718	Atherosclerosis of autologous vein coronary artery bypass graft(s) with other forms of angina pectoris
ICD-10-CM	I25.719	Atherosclerosis of autologous vein coronary artery bypass graft(s) with unspecified angina pectoris
ICD-10-CM	I25.720	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unstable angina pectoris
ICD-10-CM	I25.721	Atherosclerosis of autologous artery coronary artery bypass graft(s) with documented spasm
ICD-10-CM	I25.728	Atherosclerosis of autologous artery coronary artery bypass graft(s) with other forms of angina pectoris
ICD-10-CM	I25.729	Atherosclerosis of autologous artery coronary artery bypass graft(s) with unspecified angina pectoris
ICD-10-CM	I25.730	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unstable angina pectoris
ICD-10-CM	I25.731	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with documented spasm
ICD-10-CM	I25.738	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with other forms of angina pectoris
ICD-10-CM	I25.739	Atherosclerosis of nonautologous biological coronary artery bypass graft(s) with unspecified angina pectoris
ICD-10-CM	I25.750	Atherosclerosis of native coronary artery of transplanted heart with unstable angina
ICD-10-CM	I25.751	Atherosclerosis of native coronary artery of transplanted heart with documented spasm
ICD-10-CM	I25.758	Atherosclerosis of native coronary artery of transplanted heart with other forms of angina pectoris
ICD-10-CM	I25.759	Atherosclerosis of native coronary artery of transplanted heart with unspecified angina pectoris

ICD-10-CM	I25.760	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unstable angina
ICD-10-CM	I25.761	Atherosclerosis of bypass graft of coronary artery of transplanted heart with documented spasm
ICD-10-CM	I25.768	Atherosclerosis of bypass graft of coronary artery of transplanted heart with other forms of angina pectoris
ICD-10-CM	I25.769	Atherosclerosis of bypass graft of coronary artery of transplanted heart with unspecified angina pectoris
ICD-10-CM	I25.790	Atherosclerosis of other coronary artery bypass graft(s) with unstable angina pectoris
ICD-10-CM	I25.791	Atherosclerosis of other coronary artery bypass graft(s) with documented spasm
ICD-10-CM	I25.798	Atherosclerosis of other coronary artery bypass graft(s) with other forms of angina pectoris
ICD-10-CM	I25.799	Atherosclerosis of other coronary artery bypass graft(s) with unspecified angina pectoris
ICD-10-CM	I25.810	Atherosclerosis of coronary artery bypass graft(s) without angina pectoris
ICD-10-CM	I25.811	Atherosclerosis of native coronary artery of transplanted heart without angina pectoris
ICD-10-CM	I25.812	Atherosclerosis of bypass graft of coronary artery of transplanted heart without angina pectoris
ICD-10-CM	I25.82	Chronic total occlusion of coronary artery
ICD-10-CM	I25.83	Coronary atherosclerosis due to lipid rich plaque
ICD-10-CM	I25.84	Coronary atherosclerosis due to calcified coronary lesion
ICD-10-CM	I25.89	Other forms of chronic ischemic heart disease
ICD-10-CM	I25.9	Chronic ischemic heart disease, unspecified

**Supplementary Table 5: Algorithms for Clinical Outcomes of Interest (Ischemic Stroke, Cardiac Tamponade, Acute Heart Failure, and Arrhythmia-related Hospitalization) using International Classification of Diseases (ICD)-9-Clinical Modification (CM), ICD-10-CM, ICD-10-Procedure Coding System (PCS), Healthcare Common Procedure Coding System (HCPCS), and Current Procedural Terminology Codes**

**Ischemic Stroke Algorithm**

<b>Consider ICD codes from hospitalizations including inpatient or emergency department only</b>
<b>Exclude</b> patient/hospitalization if any traumatic brain injury (ICD-9-CM 800-804, 850-854. ICD-10-CM related to traumatic brain injury – please see below) present pre-ablation on/before ischemic stroke indication
<b>Include patient if presence of:</b>
ICD-9-CM 434.x1 (Cerebral embolism/occlusion misc)
ICD-9-CM 362.31 (Central retinal artery occlusion)
ICD-10-CM I63.x (Cerebral infarction misc)
ICD-10-CM H34.1x (Central retinal artery occlusion misc)

**Cardiac Tamponade Algorithm**

<b>Consider ICD codes from hospitalizations including inpatient or emergency department only</b>
<b>Include patient if presence of:</b>
ICD-9-PCS: 37.0 (pericardiocentesis)
ICD-9-CM 423.3 (Cardiac tamponade)
ICD-9-CM 423.0 (Hemopericardium)
ICD-10-CM I31.4 (Cardiac tamponade)
ICD-10-CM I31.2 (Hemopericardium, not elsewhere classified)
ICD-10-PCS 0W9C30Z (Drainage of Mediastinum with Drainage Device, Percutaneous Approach)
ICD-10-PCS 0W9C3ZZ (Drainage of Mediastinum, Percutaneous Approach_
ICD-10-PCS 0W9D30Z (Drainage of Pericardial Cavity with Drainage Device, Percutaneous Approach)
ICD-10-PCS 0W9D3ZX (Drainage of Pericardial Cavity, Percutaneous Approach, Diagnostic)
ICD-10-PCS 0W9D3ZZ (Drainage of Pericardial Cavity, Percutaneous Approach)
ICD-10-PCS 0W9D40Z (Drainage of Pericardial Cavity with Drainage Device, Percutaneous Endoscopic Approach)
ICD-10-PCS 0W9D4ZX (Drainage of Pericardial Cavity, Percutaneous Endoscopic Approach, Diagnostic)
ICD-10-PCS 0W9D4ZZ (Drainage of Pericardial Cavity, Percutaneous Endoscopic Approach)
HCPCS/CPT code G9408 (Cardiac tamponade and/or pericardiocentesis occurring within 30 days)

**Acute Heart Failure Algorithm**

<b>Consider ICD codes from hospitalizations including inpatient or emergency department only</b>
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<b>Exclude</b> patient/hospitalization if it does not include at least one dose of intravenous diuresis from 1-day post-ablation to 30 days post-ablation.
<b>Include patient if presence of:</b>
ICD-9-CM 428.21 (Acute systolic heart failure)
ICD-9-CM 428.23 (Acute on chronic systolic heart failure)
ICD-9-CM 428.31 (Acute diastolic heart failure)
ICD-9-CM 428.33 (Acute on chronic diastolic heart failure)
ICD-9-CM 428.41 (Acute combined systolic and diastolic heart failure)
ICD-10-CM I50.811 (Acute right heart failure)
ICD-10-CM I50.813 (Acute on chronic right heart failure)
ICD-10-CM I50.21 (Acute systolic [congestive] heart failure)
ICD-10-CM I50.23 (Acute on chronic systolic [congestive] heart failure)
ICD-10-CM I50.31 (Acute diastolic [congestive] heart failure)
ICD-10-CM I50.33 (Acute on chronic diastolic [congestive] heart failure)
ICD-10-CM I50.41 (Acute combined systolic [congestive] and diastolic [congestive] heart failure)
ICD-10-CM I50.43 (Acute on chronic combined systolic [congestive] and diastolic [congestive] heart failure)

#### Arrhythmia-related Hospitalization Algorithm

<b>Include patient if presence of:</b>
ICD-9-CM 427.2 (Paroxysmal tachycardia, unspecified)
ICD-9-CM 427.31 (Atrial fibrillation)
ICD-9-CM 427.32 (Atrial flutter)
ICD-9-CM 427.4 (Ventricular fibrillation and flutter)
ICD-9-CM 427.42 (Ventricular flutter)
ICD-9-CM 427.41 (Ventricular fibrillation)
ICD-10-CM I46.2 (Cardiac arrest due to underlying cardiac condition)
ICD-10-CM I47.0 (Re-entry ventricular arrhythmia)
ICD-10-CM I47.1 (Supraventricular tachycardia)
ICD-10-CM I47.2 (Ventricular tachycardia)
ICD-10-CM I48.0 (Paroxysmal atrial fibrillation)
ICD-10-CM I48.1 (Persistent atrial fibrillation)
ICD-10-CM I48.2 (Chronic atrial fibrillation)
ICD-10-CM I48.3 (Typical atrial flutter)
ICD-10-CM I48.4 (Atypical atrial flutter)
ICD-10-CM I48.91 (Unspecified atrial fibrillation)
ICD-10-CM I48.92 (Unspecified atrial flutter)
ICD-10-CM I49.01 (Ventricular fibrillation)
ICD-10-CM I49.02 (Ventricular fibrillation)
ICD-10-CM I46.9 (Cardiac arrest, cause unspecified)

**Codes related to Traumatic Brain Injury Excluded from Ischemic Stroke Definition**

S0190XA	Unspecified open wound of unspecified part of head, initial encounter
S020XXA	Fracture of vault of skull, initial encounter for closed fracture
S020XXB	Fracture of vault of skull, initial encounter for open fracture
S02101A	Fracture of base of skull, right side, initial encounter for closed fracture
S02101B	Fracture of base of skull, right side, initial encounter for open fracture
S02102A	Fracture of base of skull, left side, initial encounter for closed fracture
S02102B	Fracture of base of skull, left side, initial encounter for open fracture
S02109A	Fracture of base of skull, unspecified side, initial encounter for closed fracture
S02109B	Fracture of base of skull, unspecified side, initial encounter for open fracture
S02110A	Type I occipital condyle fracture, unspecified side, initial encounter for closed fracture
S02110B	Type I occipital condyle fracture, unspecified side, initial encounter for open fracture
S02111A	Type II occipital condyle fracture, unspecified side, initial encounter for closed fracture
S02111B	Type II occipital condyle fracture, unspecified side, initial encounter for open fracture
S02112A	Type III occipital condyle fracture, unspecified side, initial encounter for closed fracture
S02112B	Type III occipital condyle fracture, unspecified side, initial encounter for open fracture
S02113A	Unspecified occipital condyle fracture, initial encounter for closed fracture
S02113B	Unspecified occipital condyle fracture, initial encounter for open fracture
S02118A	Other fracture of occiput, unspecified side, initial encounter for closed fracture
S02118B	Other fracture of occiput, unspecified side, initial encounter for open fracture
S02119A	Unspecified fracture of occiput, initial encounter for closed fracture
S02119B	Unspecified fracture of occiput, initial encounter for open fracture
S0211AA	Type I occipital condyle fracture, right side, initial encounter for closed fracture
S0211AB	Type I occipital condyle fracture, right side, initial encounter for open fracture
S0211BA	Type I occipital condyle fracture, left side, initial encounter for closed fracture
S0211BB	Type I occipital condyle fracture, left side, initial encounter for open fracture
S0211CA	Type II occipital condyle fracture, right side, initial encounter for closed fracture
S0211CB	Type II occipital condyle fracture, right side, initial encounter for open fracture
S0211DA	Type II occipital condyle fracture, left side, initial encounter for closed fracture
S0211DB	Type II occipital condyle fracture, left side, initial encounter for open fracture
S0211EA	Type III occipital condyle fracture, right side, initial encounter for closed fracture
S0211EB	Type III occipital condyle fracture, right side, initial encounter for open fracture
S0211FA	Type III occipital condyle fracture, left side, initial encounter for closed fracture
S0211FB	Type III occipital condyle fracture, left side, initial encounter for open fracture

S0211GA	Other fracture of occiput, right side, initial encounter for closed fracture
S0211GB	Other fracture of occiput, right side, initial encounter for open fracture
S0211HA	Other fracture of occiput, left side, initial encounter for closed fracture
S0211HB	Other fracture of occiput, left side, initial encounter for open fracture
S0219XA	Other fracture of base of skull, initial encounter for closed fracture
S0219XB	Other fracture of base of skull, initial encounter for open fracture
S022XXA	Fracture of nasal bones, initial encounter for closed fracture
S022XXB	Fracture of nasal bones, initial encounter for open fracture
S0230XA	Fracture of orbital floor, unspecified side, initial encounter for closed fracture
S0230XB	Fracture of orbital floor, unspecified side, initial encounter for open fracture
S0231XA	Fracture of orbital floor, right side, initial encounter for closed fracture
S0231XB	Fracture of orbital floor, right side, initial encounter for open fracture
S0232XA	Fracture of orbital floor, left side, initial encounter for closed fracture
S0232XB	Fracture of orbital floor, left side, initial encounter for open fracture
S02400A	Malar fracture, unspecified side, initial encounter for closed fracture
S02400B	Malar fracture, unspecified side, initial encounter for open fracture
S02401A	Maxillary fracture, unspecified side, initial encounter for closed fracture
S02401B	Maxillary fracture, unspecified side, initial encounter for open fracture
S02402A	Zygomatic fracture, unspecified side, initial encounter for closed fracture
S02402B	Zygomatic fracture, unspecified side, initial encounter for open fracture
S0240AA	Malar fracture, right side, initial encounter for closed fracture
S0240AB	Malar fracture, right side, initial encounter for open fracture
S0240BA	Malar fracture, left side, initial encounter for closed fracture
S0240BB	Malar fracture, left side, initial encounter for open fracture
S0240CA	Maxillary fracture, right side, initial encounter for closed fracture
S0240CB	Maxillary fracture, right side, initial encounter for open fracture
S0240DA	Maxillary fracture, left side, initial encounter for closed fracture
S0240DB	Maxillary fracture, left side, initial encounter for open fracture
S0240EA	Zygomatic fracture, right side, initial encounter for closed fracture
S0240EB	Zygomatic fracture, right side, initial encounter for open fracture
S0240FA	Zygomatic fracture, left side, initial encounter for closed fracture
S0240FB	Zygomatic fracture, left side, initial encounter for open fracture
S02411A	LeFort I fracture, initial encounter for closed fracture
S02411B	LeFort I fracture, initial encounter for open fracture
S02412A	LeFort II fracture, initial encounter for closed fracture
S02412B	LeFort II fracture, initial encounter for open fracture

S02413A	LeFort III fracture, initial encounter for closed fracture
S02413B	LeFort III fracture, initial encounter for open fracture
S0242XA	Fracture of alveolus of maxilla, initial encounter for closed fracture
S0242XB	Fracture of alveolus of maxilla, initial encounter for open fracture
S02600A	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for closed fracture
S02600B	Fracture of unspecified part of body of mandible, unspecified side, initial encounter for open fracture
S02601A	Fracture of unspecified part of body of right mandible, initial encounter for closed fracture
S02601B	Fracture of unspecified part of body of right mandible, initial encounter for open fracture
S02602A	Fracture of unspecified part of body of left mandible, initial encounter for closed fracture
S02602B	Fracture of unspecified part of body of left mandible, initial encounter for open fracture
S02609A	Fracture of mandible, unspecified, initial encounter for closed fracture
S02609B	Fracture of mandible, unspecified, initial encounter for open fracture
S02610A	Fracture of condylar process of mandible, unspecified side, initial encounter for closed fracture
S02610B	Fracture of condylar process of mandible, unspecified side, initial encounter for open fracture
S02611A	Fracture of condylar process of right mandible, initial encounter for closed fracture
S02611B	Fracture of condylar process of right mandible, initial encounter for open fracture
S02612A	Fracture of condylar process of left mandible, initial encounter for closed fracture
S02612B	Fracture of condylar process of left mandible, initial encounter for open fracture
S02620A	Fracture of subcondylar process of mandible, unspecified side, initial encounter for closed fracture
S02620B	Fracture of subcondylar process of mandible, unspecified side, initial encounter for open fracture
S02621A	Fracture of subcondylar process of right mandible, initial encounter for closed fracture
S02621B	Fracture of subcondylar process of right mandible, initial encounter for open fracture
S02622A	Fracture of subcondylar process of left mandible, initial encounter for closed fracture
S02622B	Fracture of subcondylar process of left mandible, initial encounter for open fracture
S02630A	Fracture of coronoid process of mandible, unspecified side, initial encounter for closed fracture
S02630B	Fracture of coronoid process of mandible, unspecified side, initial encounter for open fracture
S02631A	Fracture of coronoid process of right mandible, initial encounter for closed fracture
S02631B	Fracture of coronoid process of right mandible, initial encounter for open fracture
S02632A	Fracture of coronoid process of left mandible, initial encounter for closed fracture
S02632B	Fracture of coronoid process of left mandible, initial encounter for open fracture
S02640A	Fracture of ramus of mandible, unspecified side, initial encounter for closed fracture

S02640B	Fracture of ramus of mandible, unspecified side, initial encounter for open fracture
S02641A	Fracture of ramus of right mandible, initial encounter for closed fracture
S02641B	Fracture of ramus of right mandible, initial encounter for open fracture
S02642A	Fracture of ramus of left mandible, initial encounter for closed fracture
S02642B	Fracture of ramus of left mandible, initial encounter for open fracture
S02650A	Fracture of angle of mandible, unspecified side, initial encounter for closed fracture
S02650B	Fracture of angle of mandible, unspecified side, initial encounter for open fracture
S02651A	Fracture of angle of right mandible, initial encounter for closed fracture
S02651B	Fracture of angle of right mandible, initial encounter for open fracture
S02652A	Fracture of angle of left mandible, initial encounter for closed fracture
S02652B	Fracture of angle of left mandible, initial encounter for open fracture
S0266XA	Fracture of symphysis of mandible, initial encounter for closed fracture
S0266XB	Fracture of symphysis of mandible, initial encounter for open fracture
S02670A	Fracture of alveolus of mandible, unspecified side, initial encounter for closed fracture
S02670B	Fracture of alveolus of mandible, unspecified side, initial encounter for open fracture
S02671A	Fracture of alveolus of right mandible, initial encounter for closed fracture
S02671B	Fracture of alveolus of right mandible, initial encounter for open fracture
S02672A	Fracture of alveolus of left mandible, initial encounter for closed fracture
S02672B	Fracture of alveolus of left mandible, initial encounter for open fracture
S0269XA	Fracture of mandible of other specified site, initial encounter for closed fracture
S0269XB	Fracture of mandible of other specified site, initial encounter for open fracture
S0280XA	Fracture of other specified skull and facial bones, unspecified side, initial encounter for closed fracture
S0280XB	Fracture of other specified skull and facial bones, unspecified side, initial encounter for open fracture
S0281XA	Fracture of other specified skull and facial bones, right side, initial encounter for closed fracture
S0281XB	Fracture of other specified skull and facial bones, right side, initial encounter for open fracture
S0282XA	Fracture of other specified skull and facial bones, left side, initial encounter for closed fracture
S0282XB	Fracture of other specified skull and facial bones, left side, initial encounter for open fracture
S0291XA	Unspecified fracture of skull, initial encounter for closed fracture
S0291XB	Unspecified fracture of skull, initial encounter for open fracture
S0292XA	Unspecified fracture of facial bones, initial encounter for closed fracture
S0292XB	Unspecified fracture of facial bones, initial encounter for open fracture
S060X0A	Concussion without loss of consciousness, initial encounter
S060X1A	Concussion with loss of consciousness of 30 minutes or less, initial encounter

S060X9A	Concussion with loss of consciousness of unspecified duration, initial encounter
S061X0A	Traumatic cerebral edema without loss of consciousness, initial encounter
S061X1A	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, initial encounter
S061X2A	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S061X3A	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S061X4A	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, initial encounter
S061X5A	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S061X6A	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S061X7	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S061X7A	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S061X8	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S061X8A	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S061X9A	Traumatic cerebral edema with loss of consciousness of unspecified duration, initial encounter
S062X0A	Diffuse traumatic brain injury without loss of consciousness, initial encounter
S062X1A	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter
S062X2A	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S062X3A	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S062X4A	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter
S062X5A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter
S062X6A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S062X7	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S062X7A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S062X8	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S062X8A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S062X9A	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, initial

	encounter
S06300A	Unspecified focal traumatic brain injury without loss of consciousness, initial encounter
S06301A	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter
S06302A	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06303A	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06304A	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter
S06305A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06306A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06307	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06307A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06308	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06308A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06309A	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, initial encounter
S06310A	Contusion and laceration of right cerebrum without loss of consciousness
S06311A	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter
S06312A	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06313A	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06314A	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06315A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06316A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06317	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06317A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06318	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06318A	Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter

S06319A	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter
S06320A	Contusion and laceration of left cerebrum without loss of consciousness, initial encounter
S06321A	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter
S06322A	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06323A	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06324A	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06325A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06326A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06327	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06327A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06328	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06328A	Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06329A	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter
S06330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter
S06331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter
S06332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter
S06335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06336A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06337	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06337A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06338	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness

S06338A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter
S06340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter
S06341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter
S06342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter
S06344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06346A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06347	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06348	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter
S06350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter
S06351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter
S06352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter
S06354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06356A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06357	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06358	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with

	death due to other cause prior to regaining consciousness
S06358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter
S06360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter
S06361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter
S06362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter
S06364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter
S06365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06366A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06367	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06368	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter
S06370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter
S06371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter
S06372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06376A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06377	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness

S06377A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06378	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06378A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter
S06380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter
S06381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter
S06382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter
S06385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06386A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06387	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06387A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06388	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06388A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter
S064X0A	Epidural hemorrhage without loss of consciousness, initial encounter
S064X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
S064X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S064X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S064X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
S064X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S064X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S064X7	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness

S064X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S064X8	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness
S064X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter
S064X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter
S065X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter
S065X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
S065X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S065X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S065X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
S065X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S065X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S065X7	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness
S065X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter
S065X8	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness
S065X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter
S065X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter
S066X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter
S066X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
S066X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S066X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S066X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
S066X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S066X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S066X7	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S066X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with

	death due to brain injury prior to regaining consciousness, initial encounter
S066X8	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S066X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S066X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter
S06810A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter
S06811A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter
S06812A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06813A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06814A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter
S06815A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06816A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06817	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06817A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06818	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06818A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06819A	Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter
S06820A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter
S06821A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter
S06822A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06823A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06824A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter

S06825A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06826A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06827	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06827A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06828	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06828A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06829A	Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter
S06890A	Other specified intracranial injury without loss of consciousness, initial encounter
S06891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter
S06892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter
S06895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06897	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S06897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06898	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S06898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter
S069X0A	Unspecified intracranial injury without loss of consciousness, initial encounter
S069X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter

S069X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S069X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S069X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter
S069X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S069X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S069X7	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness
S069X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S069X8	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness
S069X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S069X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter