

APPENDIX I

ICD9 ↔ ICD10 Mapping

For the purposes of this document:

- ICD9 codes with a 5th digit modifier (6) (loss of consciousness of *unspecified* duration) and (9) (...with concussion *unspecified*) are mapped to the corresponding ICD10 codes with a 6th digit modifier (9) (with loss of consciousness of *unspecified* duration).
- ICD9 codes with a 5th digit modifier (0) (*unspecified* state of consciousness) have “no match” in ICD10 that is equivalent. In the code table the term “No match” indicates the approximate conversions suggested by the Centers for Medicare and Medicaid (CMS) General Equivalence Mapping were deemed to lack sufficient specificity for TBI surveillance purposes.

Codes

The following ICD9 and ICD10 codes and are included in the case definition:

Condition	ICD-10-CM Codes	ICD-9-CM Codes	Severity
Traumatic Brain Injury (Closed Injuries)	F07.81 (post-concussion syndrome)	310.2 (post-concussion syndrome)	[m]
	Injury to Optic Chiasm and Optic Tract		
	S04.02 (injury of optic chiasm)	950.1 (injury to optic chiasm)	ICD9/10 [U/S]
	- S04.02XA (injury of optic chiasm, initial encounter)		
	S04.03 (injury of optic tract and pathways)	950.2 (injury to optic pathways)	ICD9/10 [U/S]
	- S04.031A (injury of optic tract and pathways, <i>right</i> eye)		
	- S04.032A (injury of optic tract and pathways, <i>left</i> eye)		
	- S04.039A (injury of optic tract and pathways, <i>unspecified</i> eye, initial encounter)		
	S04.04 (Injury of visual cortex)	950.3 (injury to visual cortex)	ICD9/10 [U/S]
	- S04.041A (injury of visual cortex, <i>right</i> eye, initial encounter)		
	- S04.049A (injury of visual cortex, <i>left</i> eye, initial encounter)		
	- S04.049A (injury of visual cortex, <i>unspecified</i> eye, initial encounter)		
	S06 Intracranial Injury		
	S06.0 Concussion	850 Concussion	ICD9/10 [U/m]



- S06.0X0A (concussion w/o LOC, initial encounter)	850.0 (concussion with no LOC)	[m]
	850.1 (concussion with brief LOC)	[m]
- S06.0X1A (concussion w/LOC of 30 mins or less, initial encounter)	- 850.11 (concussion with LOC of 30 mins or less)	[m]
- S06.0X2A (concussion w/LOC of 31-59 mins, initial encounter)	- 850.12 (concussion with LOC from 31-59 mins)	[M]
- S06.0X3A (concussion w/LOC of 1 hr to 5 hrs 59 mins, initial encounter)	850.2 (concussion with moderate LOC)	[M]
- S06.0X4A (concussion w/LOC of 6-24 hrs., initial encounter)		
- S06.0X5A (concussion w/LOC > 24hrs with return to pre-existing conscious level, initial encounter)	850.3 (concussion with prolonged LOC and return to pre-existing conscious level)	[S]
- S06.0X6A (concussion w/LOC > 24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	850.4 (concussion with prolonged LOC, w/o return to pre-existing conscious level)	[S]
- S06.0X7A (concussion w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)	850.5 (concussion with LOC of unspecified duration; <i>with in-hospital death code</i>) <i>Note: 850.5 (with no in-hospital death code is severity classification is mild)</i>	[S]
- S06.0X8A (concussion w/LOC of any duration with death due to other causes before regaining consciousness, initial encounter)		
- S06.0X9A (concussion w/LOC of unspecified duration, initial encounter)	850.9 (concussion w/o mention of open intracranial wound, with concussion unspecified)	[m]
S06.1 Traumatic Cerebral Edema		
<i>S06.1X (traumatic cerebral edema)</i>	<i>854.0 (intracranial injury of other and unspecified nature w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
- S06.1X0A (traumatic cerebral edema w/o LOC, initial encounter)	- 854.01 (intracranial injury of other and unspecified nature w/o mention of open intracranial wound, w/o LOC)	[M]
- S06.1X1A (traumatic cerebral edema w/LOC of 30 min or less, initial encounter)	- 854.02 (intracranial injury of other and unspecified nature w/o mention of open intracranial wound, with brief [< 1 hr] LOC)	[M]
- S06.1X2A (traumatic cerebral edema w/LOC of 31-59 minutes, initial encounter)		
- S06.1X3A (traumatic cerebral edema w/LOC of 1hr to 5 hrs 59 mins, initial encounter)	- 854.03 (intracranial injury of other and unspecified nature w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]
- S06.1X4A (traumatic cerebral edema w/LOC of 6-24 hrs, initial encounter)		

- S06.1X5A (traumatic cerebral edema w/ LOC >24 hrs with return to pre-existing conscious level, initial encounter)	- 854.04 (intracranial injury of other and unspecified nature w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC and return to pre-existing conscious level)	[S]
- S06.1X6A (traumatic cerebral edema w/ LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 854.05 (intracranial injury of other and unspecified nature w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC w/o return to pre-existing conscious level)	[S]
- S06.1X7A (traumatic cerebral edema w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)	- 854.05 (above)	[S]
- S06.1X8A (traumatic cerebral edema w/LOC of any duration with death due to other causes prior to regaining consciousness, initial encounter)		
- S06.1X9A (traumatic cerebral edema w/LOC of unspecified duration, initial encounter)	- 854.06 (intracranial injury of other and unspecified nature w/o mention of open intracranial wound, with LOC of unspecified duration)	[M]
	- 854.09 (intracranial injury of other and unspecified nature w/o mention of open intracranial wound, with concussion, <i>unspecified</i>)	[M]
S06.2 Diffuse Traumatic Brain Injury		
<i>S06.2X (diffuse traumatic brain injury)</i>	<i>854.0 (above)</i>	ICD9/10 [U/M]
- S06.2X0A (diffuse traumatic brain injury w/o LOC, initial encounter)	- 854.01 (above)	[M]
- S06.2X1A (diffuse traumatic brain injury w/LOC of 30 min or less, initial encounter)	- 854.02 (above)	[M]
- S06.2X2A (diffuse traumatic brain injury w/LOC of 31-59 minutes, initial encounter)		
- S06.2X3A (diffuse traumatic brain injury w/LOC of 1hr to 5 hrs 59 mins, initial encounter)	- 854.03 (above)	[M]
- S06.2X4A, or (diffuse traumatic brain injury w/LOC of 6-24 hrs, initial encounter)		
- S06.2X5A (diffuse traumatic brain injury w/ LOC >24 hrs with return to pre-existing conscious level, initial encounter)	- 854.04 (above)	[S]

- S06.2X6A (diffuse traumatic brain injury w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 854.05 (above)	[S]
- S06.2X7A (diffuse traumatic brain injury w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.2X8A (diffuse traumatic brain injury w/LOC of any duration with death due to other causes prior to regaining consciousness, initial encounter)		
- S06.2X9A (diffuse traumatic brain injury w/LOC of unspecified duration, initial encounter)	- 854.06 (above)	[M]
	- 854.09 (above)	[M]
S06.3 Focal Traumatic Brain Injury		
<i>S06.30 (unspecified focal traumatic brain injury)</i>	<i>854.0 (above)</i>	ICD9/10 [U/M]
- S06.300A (unspecified focal traumatic brain injury w/o LOC)	- 854.01 (above)	[M]
- S06.301A (unspecified focal traumatic brain injury w/LOC of 30 min or less, initial encounter)	- 854.02 (above)	[M]
- S06.302A (unspecified focal traumatic brain injury w/LOC of 31-59 minutes, initial encounter)		
- S06.303A (unspecified focal traumatic brain injury w/LOC of 1hr to 5 hrs 59 mins, initial encounter)	- 854.03 (above)	[M]
- S06.304A (unspecified focal traumatic brain injury w/LOC of 6-24 hrs, initial encounter)		
- S06.305A (unspecified focal traumatic brain injury w/LOC >24 hrs with return to pre-existing conscious level, initial encounter)	- 854.04 (above)	[S]
- S06.306A (unspecified focal traumatic brain injury w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 854.05 (above)	[S]
- S06.307A (unspecified focal traumatic brain injury w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)		

- S06.308A (unspecified focal traumatic brain injury w/LOC of any duration with death due to other causes prior to regaining consciousness, initial encounter)		
- S06.309A (unspecified focal traumatic brain injury w/LOC of unspecified duration, initial encounter)	- 854.06 (above)	[M]
	- 854.09 (above)	[M]
<i>S06.31 (contusion and laceration of <u>right</u> cerebrum)</i>	<i>851.8 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
- S06.310A (contusion and laceration of <i>right</i> cerebrum w/o LOC)	- 851.81 (below)	[M]
- S06.311A (contusion and laceration of <i>right</i> cerebrum w/LOC of 30 min or less, initial encounter)	- 851.82 (below)	[M]
- S06.312A (contusion and laceration of <i>right</i> cerebrum w/LOC of 31-59 minutes, initial encounter)		
- S06.313A (contusion and laceration of <i>right</i> cerebrum w/LOC of 1hr to 5 hrs 59 mins, initial encounter)	- 851.83 (below)	[M]
- S06.314A (contusion and laceration of <i>right</i> cerebrum w/LOC of 6-24 hrs, initial encounter)		
- S06.315A (contusion and laceration of <i>right</i> cerebrum w/LOC >24 hrs with return to pre-existing conscious level, initial encounter)	- 851.84 (below)	[S]
- S06.316A (contusion and laceration of <i>right</i> cerebrum w/ LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 851.85 (below)	[S]
- S06.317A (contusion and laceration of <i>right</i> cerebrum w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.318A (contusion and laceration of <i>right</i> cerebrum w/LOC of any duration with death due to other causes prior to regaining consciousness, initial encounter)		
- S06.319A (contusion and laceration of <i>right</i> cerebrum w/LOC of <i>unspecified</i> duration, initial encounter)	- 851.86 (below)	[M]
	- 851.89 (below)	[M]
<i>S06.32 (contusion and laceration of <u>left</u> cerebrum)</i>	<i>851.8 (below)</i>	ICD9/10 [U/M]

- S06.320A (contusion and laceration of <i>left</i> cerebrum w/o LOC)	- 851.81 (below)	[M]
- S06.321A (contusion and laceration of <i>left</i> cerebrum w/LOC of 30 min or less, initial encounter)	- 851.82 (below)	[M]
- S06.322A (contusion and laceration of <i>left</i> cerebrum w/LOC of 31-59 minutes, initial encounter)		
- S06.323A (contusion and laceration of <i>left</i> cerebrum w/LOC of 1hr to 5 hrs 59 mins, initial encounter)	- 851.83 (below)	[M]
- S06.324A (contusion and laceration of <i>left</i> cerebrum w/LOC of 6-24 hrs, initial encounter)		
- S06.325A (contusion and laceration of <i>left</i> cerebrum w/LOC >24 hrs with return to pre-existing conscious level, initial encounter)	- 851.84 (below)	[S]
- S06.326A (contusion and laceration of <i>left</i> cerebrum w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 851.85 (below)	[S]
- S06.327A (contusion and laceration of <i>left</i> cerebrum w/LOC of any duration w/ death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.328A (contusion and laceration of <i>left</i> cerebrum w/LOC of any duration w/ death due to other causes prior to regaining consciousness, initial encounter)		
- S06.329A (contusion and laceration of <i>left</i> cerebrum w/LOC of <i>unspecified</i> duration, initial encounter)	- 851.86 (below)	[M]
	- 851.89 (below)	[M]
<i>S06.33 (contusion and laceration of cerebrum, unspecified)</i>	<i>851.[0,2,8] (cortex [cerebral] contusion w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
- <i>No match</i>	- 851.00 (cortex [cerebral] <i>contusion</i> w/o mention of open intracranial wound, <i>unspecified</i> state of consciousness)	[M]
	- 851.20 (cortex [cerebral] <i>laceration</i> w/o mention of open intracranial wound, <i>unspecified</i> state of consciousness)	[M]
	- 851.80 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound, <i>unspecified</i> state of consciousness)	[M]
- S06.330A (contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial	- 851.01 (cortex [cerebral] <i>contusion</i> w/o mention of open intracranial wound,	[M]

	encounter)	with no LOC)	
		- 851.81 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound, with no LOC)	[M]
	- S06.331A (contusion and laceration of cerebrum, <i>unspecified</i> , w/LOC of 30 mins or less, initial encounter)	- 851.02 (cortex [cerebral] contusion w/o mention of open intracranial wound, with brief [< 1 hr] LOC)	[M]
		- 851.22 (cortex [cerebral] laceration w/o mention of open intracranial wound, with brief [< 1 hr] LOC)	[M]
	- S06.332A (contusion and laceration of cerebrum, <i>unspecified</i> , w/LOC of 31-59 mins, initial encounter); or S06.331A (above)	- 851.82 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound, with brief [< 1 hr] LOC)	[M]
	- S06.333A (contusion and laceration of cerebrum, <i>unspecified</i> , w/LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 851.03 (cortex [cerebral] <i>contusion</i> w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]
		- 851.23 (cortex [cerebral] <i>laceration</i> w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]
	- S06.334A (contusion and laceration of cerebrum, <i>unspecified</i> , w/ LOC of 6 -24 hrs, initial encounter) or S06.333A (above)	- 851.83 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound, with brief [< 1 hr] LOC)	[M]
	- S06.335A (contusion and laceration of cerebrum, <i>unspecified</i> , w/LOC > 24 hrs with return to pre-existing consciousness level, initial encounter)	- 851.04 (cortex [cerebral] contusion w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC and return to pre-existing conscious level)	[S]
		- 851.24 (cortex [cerebral] laceration w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC and return to pre-existing conscious level)	[S]
		- 851.84 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC and return to pre-existing conscious level)	[S]
	- S06.336A (contusion and laceration of cerebrum, <i>unspecified</i> , w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 851.05 (cortex [cerebral] contusion w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC w/o return to pre-existing conscious level)	[S]
		- 851.25 (cortex [cerebral] laceration w/o mention of open intracranial wound, with prolonged [> 24 hrs] LOC w/o return to pre-existing conscious level)	[S]
	- S06.337A (contusion and laceration of cerebrum, <i>unspecified</i> , w/LOC of any duration w/ death due to brain injury prior to regaining consciousness, initial	- 851.85 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC w/o return to	[S]

	encounter)	pre-existing conscious level)	
	- S06.338A (contusion and laceration of cerebrum, <i>unspecified</i> , w/LOC of any duration with death due to other cause prior to regaining conscious, initial encounter)		
	- S06.339A (contusion and laceration of cerebrum, <i>unspecified</i> , w/LOC of <i>unspecified</i> duration, initial encounter)	- 851.06 (cortex [cerebral] contusion w/o mention of open intracranial wound, w/LOC of unspecified duration, initial encounter) - 851.09 (cortex [cerebral] contusion w/o mention of open intracranial wound, with concussion, <i>unspecified</i>)	[M]
		- 851.21 (cortex [cerebral] laceration w/o mention of open intracranial wound, w/o LOC) - 851.26 (cortex [cerebral] laceration w/o mention of open intracranial wound, w/ LOC of unspecified duration) - 851.29 (cortex [cerebral] laceration w/o mention of open intracranial wound, with concussion unspecified)	[M]
		- 851.86 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound, w/LOC of unspecified duration) - 851.89 (other and unspecified cerebral laceration and contusion, w/o mention of open intracranial wound, with concussion <i>unspecified</i>)	[M]
	<i>S06.34 (traumatic hemorrhage of <u>right</u> cerebrum)</i>	<i>853.0 (other and unspecified intracranial hemorrhage following injury w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
	- S06.340A (traumatic hemorrhage of <i>right</i> cerebrum w/o LOC, initial encounter)	- 853.01 (below)	[M]
	- S06.341A (traumatic hemorrhage of <i>right</i> cerebrum w/LOC of 30 mins or less, initial encounter)	- 853.02 (below)	[M]
	- S06.342A (traumatic hemorrhage of <i>right</i> cerebrum w/LOC of 31-59 mins, initial encounter)		
	- S06.343A (traumatic hemorrhage of <i>right</i> cerebrum w/LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 853.03 (below)	[M]

- S06.344A (traumatic hemorrhage of <i>right</i> cerebrum with LOC of 6 -24 hrs, initial encounter)		
- S06.345A (traumatic hemorrhage of <i>right</i> cerebrum w/LOC > 24 hrs with return to pre-existing consciousness level, initial encounter)	- 853.04 (below)	[S]
- S06.346A (traumatic hemorrhage of <i>right</i> cerebrum w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 853.05 (below)	[S]
- S06.347A (traumatic hemorrhage of <i>right</i> cerebrum w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.348A (traumatic hemorrhage of <i>right</i> cerebrum w/LOC of any duration with death due to other cause prior to regaining consciousness, initial encounter)		
S06.349A (traumatic hemorrhage of <i>right</i> cerebrum w/LOC of unspecified duration)	- 853.06 (below)	[M]
	- 853.09 (below)	[M]
<i>S06.35 (traumatic hemorrhage of left cerebrum)</i>	--	[M]
- S06.350A (traumatic hemorrhage of <i>left</i> cerebrum w/o LOC, initial encounter)	- 853.01 (below)	[M]
- S06.351A (traumatic hemorrhage of <i>left</i> cerebrum w/LOC of 30 mins or less, initial encounter)	- 853.02 (below)	[M]
- S06.352A (traumatic hemorrhage of <i>left</i> cerebrum w/LOC of 31-59 mins, initial encounter)		
- S06.353A (traumatic hemorrhage of <i>left</i> cerebrum, unspecified, LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 853.03 (below)	[M]
- S06.354A (traumatic hemorrhage of <i>left</i> cerebrum w/LOC of 6 -24 hrs, initial encounter)		
- S06.355A (traumatic hemorrhage of <i>left</i> cerebrum w/LOC >24 hrs with return to pre-existing consciousness level, initial encounter)	- 853.04 (below)	[S]
- S06.356A (traumatic hemorrhage of <i>left</i> cerebrum w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 853.05 (below)	[S]



- S06.357A (traumatic hemorrhage of <i>left</i> cerebrum w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.358A (traumatic hemorrhage of <i>left</i> cerebrum w/LOC of any duration with death due to other cause prior to regaining consciousness, initial encounter)		
- S06.359A (traumatic hemorrhage of <i>left</i> cerebrum, unspecified, w/ LOC of unspecified duration)	- 853.06 (below)	[M]
	- 853.09 (below)	[M]
<i>S06.36 (traumatic hemorrhage of cerebrum, unspecified)</i>	--	[M]
- No match	- 853.00 (other and unspecified intracranial hemorrhage following injury w/o mention of open intracranial wound, <i>unspecified</i> state of consciousness)	[M]
- S06.360A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter)	- 853.01 (other and unspecified intracranial hemorrhage following injury w/o mention of open intracranial wound, w/o LOC)	[M]
- S06.361A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/ LOC of 30 mins or less, initial encounter)	- 853.02 (other and unspecified intracranial hemorrhage following injury, w/o mention of open intracranial wound, with brief [< 1 hr] LOC)	[M]
- S06.362A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/ LOC of 31-59 mins, initial encounter)		
- S06.363A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 853.03 (other and unspecified intracranial hemorrhage following injury, w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]
- S06.364A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/LOC of 6 -24 hrs, initial encounter)		
- S06.365A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/LOC > 24 hrs with return to pre-existing consciousness level, initial encounter)	- 853.04 (other and unspecified intracranial hemorrhage following injury, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC and return to pre-existing conscious level)	[S]
- S06.366A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 853.05 (other and unspecified intracranial hemorrhage following injury, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC w/o return to pre-existing conscious level)	[S]



- S06.367A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)	level)	
- S06.368A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/LOC of any duration with death due to other cause prior to regaining consciousness, initial encounter)		
- S06.369A (traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/ LOC of unspecified duration)	- 853.06 (other and unspecified intracranial hemorrhage following injury w/o mention of open intracranial wound, w/LOC of <i>unspecified</i> duration)	[M]
	- 853.09 (other and unspecified intracranial hemorrhage following injury w/o mention of open intracranial wound, w/concussion <i>unspecified</i>)	[M]
<i>S06.37 (contusion, laceration, and hemorrhage of cerebellum)</i>	<i>851.4 (cerebellar or brain stem contusion w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
- <i>No match</i>	- 851.40 (cerebellar or brain stem contusion w/o mention of open intracranial wound, <i>unspecified</i> state of consciousness)	[M]
	- 851.60 (cerebellar or brain stem laceration w/o mention of open intracranial wound, <i>unspecified</i> state of consciousness)	[M]
- S06.370A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/o LOC, initial encounter)	- 851.41 (cerebellar or brain stem contusion w/o mention of open intracranial wound, w/o LOC)	[M]
	- 851.61 (cerebellar or brain stem laceration w/o mention of open intracranial wound, w/o LOC)	[M]
- S06.371A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC of 30 mins or less, initial encounter)	- 851.42 (cerebellar or brain stem contusion w/o mention of open intracranial wound, with brief, [<1 hr] LOC)	[M]
- S06.372A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC of 31 to 59 mins, initial encounter)	- 851.62 (cerebellar or brain stem laceration w/o mention of open intracranial wound, with brief, [<1 hr] LOC)	[M]
- S06.373A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 851.43 (cerebellar or brain stem contusion w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]
- S06.374A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC of 6-24 hrs, initial encounter)	- 851.63 (cerebellar or brain stem laceration w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]

- S06.375A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC > 24hrs with return to pre-existing conscious level, initial encounter)	- 851.44 (cerebellar or brain stem <i>contusion</i> w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC)	[S]
	- 851.64 (cerebellar or brain stem <i>laceration</i> w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC)	[S]
- S06.376A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC <24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 851.45 (cerebellar or brain stem <i>contusion</i> w/o mention of open intracranial wound, with prolonged [> 24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- S06.377A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC of any duration w/death due to brain injury prior to regaining consciousness, initial encounter)	- 851.65 (cerebellar or brain stem <i>laceration</i> w/o mention of open intracranial wound, with prolonged [> 24 hrs] LOC, w/o return to pre-existing conscious level)	
- S06.378A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC of any duration w/ death due to other cause prior to regaining consciousness, initial encounter)		
- S06.379A (contusion, laceration, and hemorrhage of <i>cerebellum</i> w/LOC of unspecified duration, initial encounter)	- 851.46 (cerebellar or brain stem <i>contusion</i> w/o mention of open intracranial wound, with LOC of <i>unspecified</i> duration)	[M]
	- 851.49 (cerebellar or brain stem <i>contusion</i> without mention of open intracranial wound, with concussion, <i>unspecified</i>)	
	- 851.66 (cerebellar or brain stem <i>laceration</i> w/o mention of open intracranial wound, with LOC of <i>unspecified</i> duration)	[M]
	- 851.69 (cerebellar or brain stem <i>laceration</i> without mention of open intracranial wound, with concussion, <i>unspecified</i>)	
<i>S06.38 (contusion, laceration, and hemorrhage of <u>brainstem</u>)</i>	<i>851.6 (cerebellar or brain stem <u>laceration</u> w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
- <i>No match</i>	- 851.40 (above) - 851.60 (above)	[M]
- S06.380A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/o LOC, initial encounter)	- 851.41 (above) - 851.61 (above)	[M]
- S06.381A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/LOC of 30 minutes or less, initial encounter)	- 851.42 (above) - 851.62 (above)	[M]

- S06.382A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/LOC of 31 to 59 mins, initial encounter)		
- S06.383A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 851.43 (above) - 851.63 (above)	[M]
- S06.384A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/LOC of 6-24 hrs, initial encounter)		
- S06.385A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/LOC > 24hrs with return to pre-existing conscious level, initial encounter)	- 851.44 (above) - 851.64 (above)	[S]
- S06.386A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/LOC > 24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 851.45 (above) - 851.65 (above)	[S]
- S06.387A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/LOC of any duration w/ death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.388A (contusion, laceration, and hemorrhage of <i>brainstem</i> with loss of consciousness of any duration w/death due to other cause prior to regaining consciousness, initial encounter)		
- S06.389A (contusion, laceration, and hemorrhage of <i>brainstem</i> w/LOC of unspecified duration, initial encounter)	- 851.46 (above) - 851.49 (above)	[M]
	- 851.66 (above) - 851.69 (above)	[M]
S06.4 Epidural Hemorrhage		
<i>S06.4X (epidural hemorrhage)</i>	<i>852.4 (extradural hemorrhage following injury w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
- <i>No match</i>	- 852.40 (extradural hemorrhage following injury w/o mention of open intracranial wound, with <i>unspecified</i> state of consciousness)	[M]
- S06.4X0A (epidural hemorrhage w/o LOC, initial encounter)	- 852.41 (extradural hemorrhage following injury w/o mention of open intracranial wound, with no LOC)	[M]
- S06.4X1A (epidural hemorrhage w/LOC of 30 mins or less, initial encounter)	- 852.42 (extradural hemorrhage following injury, w/o mention of open intracranial wound, with brief [<i>< 1 hr</i>])	[M]



- S06.4X2A (epidural hemorrhage w/LOC of 31-59 minutes, initial encounter)	LOC)	
- S06.4X3A (epidural hemorrhage w/LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 852.43 (extradural hemorrhage following injury, w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]
- S06.4X4A, or (epidural hemorrhage w/LOC of 6-24 hrs, initial encounter)		
- S06.4X5A (epidural hemorrhage w/LOC >24 hrs with return to pre-existing conscious level, initial encounter)	- 852.44 (extradural hemorrhage following injury, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC and return to pre-existing conscious level)	[S]
- S06.4X6A (epidural hemorrhage w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 852.45 (extradural hemorrhage following injury, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC w/o return to pre-existing conscious level)	[S]
- S06.4X7A (epidural hemorrhage w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.4X8A (epidural hemorrhage w/LOC of any duration with death due to other causes prior to regaining consciousness, initial encounter)		
- S06.4X9A (epidural hemorrhage w/LOC of unspecified duration, initial encounter)	- 852.46 (extradural hemorrhage following injury, w/o mention of open intracranial wound, w/LOC of <i>unspecified</i> duration)	[M]
	- 852.49 (extradural hemorrhage following injury w/o mention of open intracranial wound, with concussion <i>unspecified</i>)	[M]
S06.5 Traumatic Subdural Hemorrhage		
<i>S06.5X (traumatic subdural hemorrhage)</i>	<i>852.2 (subdural hemorrhage following injury w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
- <i>No match</i>	- 852.20 (subdural hemorrhage following injury w/o mention of open intracranial wound, <i>unspecified</i> state of consciousness)	[M]
- S06.5X0A (traumatic subdural hemorrhage w/o LOC, initial encounter)	- 852.21 (subdural hemorrhage following injury w/o mention of open intracranial wound, w/o LOC)	[M]
- S06.5X1A (traumatic subdural hemorrhage w/LOC of 30 mins or less, initial encounter)	- 852.22 (subdural hemorrhage following injury, w/o mention of open intracranial wound, with brief [< 1 hr] LOC)	[M]

- S06.5X2A (traumatic subdural hemorrhage with LOC of 31-59 mins, initial encounter)		
- S06.5X3A (traumatic subdural hemorrhage w/LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 852.23 (subdural hemorrhage following injury, w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]
- S06.5X4A (traumatic subdural hemorrhage with LOC of 6-24 hrs, initial encounter)		
- S06.5X5A (traumatic subdural hemorrhage w/LOC >24 hrs with return to pre-existing conscious level, initial encounter)	- 852.24 (subdural hemorrhage following injury, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC and return to pre-existing conscious level)	[S]
- S06.5X6A (traumatic subdural hemorrhage w/ LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 852.25 (subdural hemorrhage following injury, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC w/o return to pre-existing conscious level)	[S]
- S06.5X7A (traumatic subdural hemorrhage w/LOC of any duration with death due to brain injury before regaining consciousness, initial encounter)		
- S06.5X8A (traumatic subdural hemorrhage w/LOC of any duration with death due to other causes before regaining consciousness, initial encounter)		
- S06.5X9A (traumatic subdural hemorrhage w/LOC of unspecified duration, initial encounter)	- 852.26 (extradural hemorrhage following injury, without mention of open intracranial wound, with LOC of <i>unspecified</i> duration)	[M]
	- 852.29 (subdural hemorrhage following injury w/o mention of open intracranial wound, with concussion <i>unspecified</i>)	[M]
S06.6 Traumatic Subarachnoid Hemorrhage		
<i>S06.6 (traumatic subarachnoid hemorrhage)</i>	<i>852.0 (subarachnoid hemorrhage following injury w/o mention of open intracranial wound)</i>	ICD9/10 [U/M]
- <i>No match</i>	- 852.00 (subarachnoid hemorrhage following injury w/o mention of open intracranial wound, unspecified state of consciousness)	[M]
- S06.6X0A (traumatic subarachnoid hemorrhage w/o LOC, initial encounter)	- 852.01 (subarachnoid hemorrhage following injury w/o mention of open intracranial wound, w/o LOC)	[M]
- S06.6X1A (traumatic subarachnoid hemorrhage w/LOC of 30 mins or less, initial encounter)	- 852.02 (subarachnoid hemorrhage following injury, w/o mention of open intracranial wound, with brief [< 1 hr])	[M]

- S06.6X2A (traumatic subarachnoid hemorrhage w/LOC of 31-59 mins, initial encounter)	LOC)	
- S06.6X3A (traumatic subarachnoid hemorrhage w/ LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 852.03 (subarachnoid hemorrhage following injury, w/o mention of open intracranial wound, with moderate [1-24 hrs] LOC)	[M]
- S06.6X4A (traumatic subarachnoid hemorrhage w/LOC of 6-24 hrs, initial encounter)		
- S06.6X5A (traumatic subarachnoid hemorrhage w/LOC > 24hrs with return to pre-existing conscious level, initial encounter)	- 852.04 (subarachnoid hemorrhage following injury, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC and return to pre-existing conscious level)	[S]
- S06.6X6A (traumatic subarachnoid hemorrhage w/LOC > 24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 852.05 (subarachnoid hemorrhage following injury, w/o mention of open intracranial wound, with prolonged [>24 hrs] LOC w/o return to pre-existing conscious level)	[S]
- S06.6X7A (traumatic subarachnoid hemorrhage w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.6X8A (traumatic subarachnoid hemorrhage w/LOC of any duration with death due to other causes before regaining consciousness, initial encounter)		
- S06.6X9A (traumatic subarachnoid hemorrhage w/LOC of unspecified duration, initial encounter)	- 852.06 (subarachnoid hemorrhage following injury, without mention of open intracranial wound, w/LOC of <i>unspecified</i> duration)	[M]
	- 852.09 (subdural hemorrhage following injury w/o mention of open intracranial wound, with concussion <i>unspecified</i>)	[M]
S06.8 Other Specified Intracranial Injuries [S06.89- only]		
<i>S06.89 (other specified intracranial injury)</i>	<i>854.0 (above)</i>	ICD9/10 [U/M]
- <i>No match</i>	- 854.00 (intracranial injury of other and unspecified nature without mention of open intracranial wound, <i>unspecified</i> state of consciousness)	[M]
- S06.890A (other specified intracranial injury w/o LOC, initial encounter)	- 854.01 (above)	[M]
- S06.891A (other specified intracranial injury w/LOC of 30 mins or less, initial encounter)	- 854.02 (above)	[M]

- S06.892A (other specified intracranial injury w/LOC of 31-59 mins, initial encounter)		
- S06.893A (other specified intracranial injury w/LOC of 1 hr to 5 hrs 59 mins, initial encounter)	- 854.03 (above)	[M]
- S06.894A (other specified intracranial injury w/LOC of 6 -24 hrs, initial encounter)		
- S06.895A (other specified intracranial injury w/LOC > 24 hrs with return to pre-existing conscious level, initial encounter)	- 854.04 (above)	[S]
- S06.896A (other specified intracranial injury w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter)	- 854.05 (above)	[S]
- S06.897A (other specified intracranial injury w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter)		
- S06.898A (other specified intracranial injury w/LOC of any duration with death due to other cause prior to regaining consciousness, initial encounter)		
- S06.899A (other specified intracranial injury w/LOC of <i>unspecified</i> duration, initial encounter)	- 854.06 (above)	[M]
	- 854.09 (above)	[M]
S06.9 Unspecified Intracranial Injury		
<i>S06.9X (unspecified intracranial injury...)</i>	<i>854.0 (above)</i>	ICD9/10 [U/M]
- S06.9X0A (unspecified intracranial injury w/o LOC, initial encounter)	- 854.01 (above)	[M]
- S06.9X1A (unspecified intracranial injury w/LOC of 30 mins or less, initial encounter)	- 854.02 (above)	[M]
- S06.9X2A (unspecified intracranial injury w/LOC of 31-59 mins, initial encounter)		
- S06.9X3A (unspecified intracranial injury w/LOC of 1 hr to 5 hrs 59 min, initial encounter)	- 854.03 (above)	[M]
- S06.9X4A (unspecified intracranial injury w/ LOC of 6 -24 hrs, initial encounter)		

	- S06.9X5A (unspecified intracranial injury w/LOC > 24 hrs with return to pre-existing conscious level, initial encounter)	- 854.04 (above)	[S]
	- S06.9X6A (unspecified intracranial injury w/LOC >24 hrs w/o return to pre-existing conscious level with patient surviving, initial encounter) - S06.9X7A (unspecified intracranial injury w/LOC of any duration with death due to brain injury prior to regaining consciousness, initial encounter) - S06.9X8A (unspecified intracranial injury w/LOC of any duration with death due to other cause prior to regaining consciousness, initial encounter)	- 854.05 (above)	[S]
	- S06.9X9A (unspecified intracranial injury w/LOC of unspecified duration, initial encounter)	- 854.06 (above)	[M]
		- 854.09 (above)	[M]

Condition	ICD-10-CM Codes	ICD-9-CM Codes	Severity
Traumatic Brain Injury <i>(Open Injuries)</i>	<i>No match: Approximate conversion (S01.90XA w/S06.33-) not specific for TBI surveillance purposes.</i>	<i>851.1 (cortex [cerebral] contusion with open intracranial wound...)</i>	[U]
		- 851.10 (unspecified state of consciousness)	[P]
		- 851.11 (with no LOC)	
		- 851.12 (with brief [<1hr] LOC)	
		- 851.13 (with moderate [1-24 hrs] LOC)	
		- 851.14 (with prolonged [>24 hrs] LOC)	
		- 851.15 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
		- 851.16 (with LOC of unspecified duration)	
		- 851.19 (with concussion, unspecified)	
		<i>No match: Approximate conversion (S01.90XA w/S06.33-) not specific for TBI surveillance purposes.</i>	<i>851.3 (cortex [cerebral] laceration with open intracranial wound)</i>
		- 851.30 (unspecified state of consciousness)	[P]
		- 851.1 (with no LOC)	
		- 851.32 (with brief [<1hr] LOC)	



		- 851.33 (<i>with moderate [1-24 hrs] LOC</i>)	
		- 851.34 (<i>with prolonged [>24 hrs] LOC</i>)	
		- 851.35 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	
		- 851.36 (<i>with LOC of unspecified duration</i>)	
		- 851.39 (<i>with concussion, unspecified</i>)	
	<i>No match: Approximate conversion (S01.90XA w/S06.33-) not specific for TBI surveillance purposes.</i>	<i>851.9 (other and unspecified cerebral laceration and contusion, with open intracranial wound...)</i>	[U]
		- 851.90 (<i>unspecified state of consciousness</i>)	[P]
		- 851.91 (<i>with no LOC</i>)	
		- 851.92 (<i>with brief [<1hr] LOC</i>)	
		- 851.93 (<i>with moderate [1-24 hrs] LOC</i>)	
		- 851.94 (<i>with prolonged [>24 hrs] LOC</i>)	
		- 851.95 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	
		- 851.96 (<i>with LOC of unspecified duration</i>)	
		- 851.99 (<i>with concussion, unspecified</i>)	
	<i>No match: Approximate conversion (S01.90XA w/S06.36-) not specific for TBI surveillance purposes.</i>	<i>853.1 (other and unspecified intracranial hemorrhage with open intracranial wound...)</i>	[U]
		- 853.10 (<i>unspecified state of consciousness</i>)	[P]
		- 853.11 (<i>with no LOC</i>)	
		- 853.12 (<i>with brief [<1hr] LOC</i>)	
		- 853.13 (<i>with moderate [1-24 hrs] LOC</i>)	
		- 853.14 (<i>with prolonged [>24 hrs] LOC</i>)	
		- 853.1 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	
		- 853.16 (<i>with LOC of unspecified duration</i>)	
		- 853.19 (<i>with concussion, unspecified</i>)	
	<i>No match: Approximate conversion (S01.90XA w/S06.3[7-8]-) not specific for</i>	<i>851.5 (cerebellar or brain stem contusion with open intracranial wound...)</i>	[U]

<i>TBI surveillance purposes.</i>	- 851.50 (<i>unspecified</i> state of consciousness)	[P]
	- 851.51 (<i>with no LOC</i>)	
	- 851.52 (<i>with brief</i> [<1 hr] LOC)	
	- 851.53 (<i>with moderate</i> [1-24 hrs] LOC)	
	- 851.54 (<i>with prolonged</i> [>24 hrs] LOC)	
	- 851.55 (<i>with prolonged</i> [>24 hrs] LOC, w/o return to pre-existing conscious level)	
	- 851.56 (<i>with LOC of unspecified</i> duration)	
	- 851.59 (<i>with concussion, unspecified</i>)	
<i>No match: Approximate conversion (S01.90XA w/S06.3[7-8]-) not specific for TBI surveillance purposes.</i>	<i>851.7 (cerebellar or brain stem laceration with open intracranial wound...)</i>	[U]
	- 851.70 (<i>unspecified</i> state of consciousness)	[P]
	- 851.71 (<i>with no LOC</i>)	
	- 851.72 (<i>with brief</i> [<1 hr] LOC)	
	- 851.73 (<i>with moderate</i> [1-24 hrs] LOC)	
	- 851.74 (<i>with prolonged</i> [>24 hrs] LOC)	
	- 851.75 (<i>with prolonged</i> [>24 hrs] LOC, w/o return to pre-existing conscious level)	
	- 851.76 (<i>with LOC of unspecified</i> duration)	
- 851.79 (<i>with concussion, unspecified</i>)		
<i>No match: Approximate conversion (S01.90XA w/S06.4X-) not specific for TBI surveillance purposes.</i>	<i>852.5 (extradural hemorrhage, following injury with open intracranial wound...)</i>	[U]
	- 852.50 (<i>unspecified</i> state of consciousness)	[P]
	- 852.51 (<i>with no LOC</i>)	
	- 852.52 (<i>with brief</i> [<1 hr] LOC)	
	- 852.53 (<i>with moderate</i> [1-24 hrs] LOC)	
	- 852.54 (<i>with prolonged</i> [>24 hrs] LOC)	
	- 852.55 (<i>with prolonged</i> [>24 hrs] LOC, w/o return to pre-existing conscious level)	
	- 852.56 (<i>with LOC of unspecified</i> duration)	

		- 852.59 (<i>with concussion, unspecified</i>)	
<i>No match: Approximate conversion (S01.90XA w/S06.5X-) not specific for TBI surveillance purposes.</i>	<i>852.3 (subdural hemorrhage following injury with open intracranial wound...)</i>		[U]
	- 852.30 (<i>unspecified state of consciousness</i>)		[P]
	- 852.31 (<i>with no LOC</i>)		
	- 852.32 (<i>with brief [<1hr] LOC</i>)		
	- 852.33 (<i>with moderate [1-24 hrs] LOC</i>)		
	- 852.34 (<i>with prolonged [>24 hrs] LOC</i>)		
	- 852.35 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)		
	- 852.36 (<i>with LOC of unspecified duration</i>)		
	- 852.39 (<i>with concussion, unspecified</i>)		
<i>No match: Approximate conversion (S01.90XA w/S06.6X-) not specific for TBI surveillance purposes.</i>	<i>852.1 (subarachnoid hemorrhage following injury with open intracranial wound...)</i>		[U]
	- 852.10 (<i>unspecified state of consciousness</i>)		[P]
	- 852.11 (<i>with no LOC</i>)		
	- 852.12 (<i>with brief [<1hr] LOC</i>)		
	- 852.13 (<i>with moderate [1-24 hrs] LOC</i>)		
	- 852.14 (<i>with prolonged [>24 hrs] LOC</i>)		
	- 852.15 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)		
	- 852.16 (<i>with LOC of unspecified duration</i>)		
- 852.19 (<i>with concussion, unspecified</i>)			
<i>No match: Approximate conversion (S01.90XA w/S06.89-) not specific for TBI surveillance purposes.</i>	<i>854.1 (intracranial injury of other and unspecified nature with open intracranial wound...)</i>		[U]
	- 854.10 (<i>unspecified state of consciousness</i>)		[P]
	- 854.11 (<i>with no LOC</i>)		
	- 854.12 (<i>with brief [<1hr] LOC</i>)		
	- 854.13 (<i>with brief [<1hr] LOC</i>)		
- 854.14 (<i>with moderate [1-24 hrs] LOC</i>)			

	- 854.15 (<i>with</i> prolonged [>24 hrs] LOC)	
	- 854.16 (<i>with</i> LOC of <i>unspecified</i> duration)	
	- 854.19 (<i>with</i> concussion, <i>unspecified</i>)	
Skull Fractures		
S02.0 Fracture of Vault of Skull	800 Fracture of Vault of Skull	
<i>S02.0XXA (fracture of vault of skull, initial encounter for closed fracture...)</i>	<i>800.0 (closed fracture of vault of skull without mention of intracranial injury...)</i>	ICD9/10 [U/M]
	- 800.00 (<i>unspecified</i> state of consciousness)	[M]
- <i>with</i> S06.0X0A (<i>above</i> ; concussion w/o LOC, initial encounter)	- 800.01 (<i>with</i> no LOC)	[M]
- <i>with</i> S06.0X[1-2]A (<i>above</i>)	- 800.02 (<i>with</i> brief [<1 hr] LOC)	[M]
- <i>with</i> S06.0X[3-4]A (<i>above</i>)	- 800.03 (<i>with</i> moderate [1-24 hrs] LOC)	[M]
- <i>with</i> S06.0X5A (<i>above</i>)	- 800.04 (<i>with</i> prolonged [>24 hrs] LOC)	[S]
- <i>with</i> .0X[6-8]A (<i>above</i>)	- 800.05 (<i>with</i> prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- <i>with</i> S06.0X9A (<i>above</i>)	- 800.06 (<i>with</i> LOC of <i>unspecified</i> duration)	[M]
	- 800.09 (<i>with</i> concussion, <i>unspecified</i>)	[M]
S02.0XXA ...	<i>800.1 (closed fracture of vault of skull with cerebral laceration and contusion...)</i>	ICD9/10 [U/M]
- <i>No match</i>	- 800.10 (<i>unspecified</i> state of consciousness)	[M]
- <i>with</i> S06.330A (<i>above</i> ; contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter)	- 800.11 (<i>with</i> no LOC)	[M]
- <i>with</i> S06.33[1-2]A (<i>above</i>)	- 800.12 (<i>with</i> brief [<1 hr] LOC)	[M]
- <i>with</i> S06.33[3-4]A (<i>above</i>)	- 800.13 (<i>with</i> moderate [1-24 hrs] LOC)	[M]
- <i>with</i> S06.335A (<i>above</i>)	- 800.14 (<i>with</i> prolonged [>24 hrs] LOC)	[S]
- <i>with</i> S06.33[6-8]A (<i>above</i>)	- 800.15 (<i>with</i> prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- <i>with</i> S06.339A (<i>above</i>)	- 800.16 (<i>with</i> LOC of <i>unspecified</i> duration)	[M]
	- 800.19 (<i>with</i> concussion, <i>unspecified</i>)	[M]
S02.0XXA ...	<i>800.3 (closed fracture of vault of skull with cerebral laceration and contusion...)</i>	ICD9/10 [U/M]

- <i>No match</i>	- 800.30 (<i>unspecified</i> state of consciousness)	[M]
- <i>with S06.360A (above); traumatic hemorrhage of cerebrum, unspecified, w/o LOC, initial encounter</i>	- 800.31 (<i>with no LOC</i>)	[M]
- <i>with S06.36[1-2]A (above)</i>	- 800.32 (<i>with brief [<1hr] LOC</i>)	[M]
- <i>with S06.36[3-4]A (above)</i>	- 800.33 (<i>with moderate [1-24 hrs] LOC</i>)	[M]
- <i>with S06.365A (above)</i>	- 800.34 (<i>with prolonged [>24 hrs] LOC</i>)	[S]
- <i>with S06.36[6-8]A (above)</i>	- 800.35 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	[S]
- <i>with S06.369A (above)</i>	- 800.36 (<i>with LOC of unspecified duration</i>)	[M]
	- 800.39 (<i>with concussion, unspecified</i>)	[M]
S02.0XXA ...	800.2 (<i>closed fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage...</i>)	ICD9/10 [U/M]
- <i>No match</i>	- 800.20 (<i>unspecified</i> state of consciousness)	[M]
- <i>with S06.4X0A (above); epidural hemorrhage w/o LOC, initial encounter</i> - <i>with S06.5X0A (above); traumatic subdural hemorrhage w/o LOC; initial encounter</i> - <i>with S06.6X0A (above); traumatic subarachnoid hemorrhage w/o LOC, initial encounter</i>	- 800.21 (<i>with no LOC</i>)	[M]
- <i>with S06.4X[1-2]A (above)</i> - <i>with S06.5X[1-2]A (above)</i> - <i>with S06.6X[1-2]A (above)</i>	- 800.22 (<i>with brief [<1hr] LOC</i>)	[M]
- <i>with S06.4X[3-4]A (above)</i> - <i>with S06.5X[3-4]A (above)</i> - <i>with S06.6X[3-4]A (above)</i>	- 800.23 (<i>with moderate [1-24 hrs] LOC</i>)	[M]
- <i>with S06.4X5A (above)</i> - <i>with S06.5X5A (above)</i> - <i>with S06.6X5A (above)</i>	- 800.24 (<i>with prolonged [>24 hrs] LOC</i>)	[S]
- <i>with S06.4X[6-8]A (above)</i> - <i>with S06.5X[6-8]A (above)</i> - <i>with S06.6X[6-8]A (above)</i>	- 800.25 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	[S]
- <i>with S06.4X9A (above)</i>	- 800.26 (<i>with LOC of unspecified duration</i>)	[M]

- with S06.5X9A (above) - with S06.6X9A (above)	- 800.29 (with concussion, unspecified)	[M]
S02.0XXA ...	800.4 (closed fracture of vault of skull with intracranial injury of other and unspecified nature...)	ICD9/10 [U/M]
- No match	- 800.40 (unspecified state of consciousness)	[M]
- with S06.890A (above) - with S06.9X0A (above)	- 800.41 (with no LOC)	[M]
- with S06.89[1-2]A (above) - with S06.9X[1-2]A (above)	- 800.42 (with brief [<1hr] LOC)	[M]
- with S06.89[3-4]A (above) - with S06.9X[3-4]A (above)	- 800.43 (with moderate [1-24 hrs] LOC)	[M]
- with S06.895A (above) - with S06.9X5A (above)	- 800.44 (with prolonged [>24 hrs] LOC)	[S]
- with S06.89[6-8]A (above) - with S06.9X[6-8]A (above)	- 800.45 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- with S06.899A (above) - with S06.9X9A (above)	- 800.46 (with LOC of unspecified duration)	[M]
	- 800.49 (with concussion, unspecified)	[M]
S02.0XXB (fracture of vault of skull, initial encounter for <i>open</i> fracture)	800.5 (open fracture of vault of skull without mention of intracranial injury...)	ICD9/10 [U/P]
	- 800.50 (unspecified state of consciousness)	[P]
	- 800.51 (with no LOC)	
	- 800.52 (with brief [<1hr] LOC)	
	- 800.53 (with moderate [1-24 hrs] LOC)	
	- 800.54 (with prolonged [>24 hrs] LOC)	
	- 800.55 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
	- 800.46 (with LOC of unspecified duration)	
	- 800.59 (with concussion, unspecified)	
S02.0XXB...	800.6 (open fracture of vault of skull with cerebral laceration and contusion...)	ICD9/10 [U/P]
- No match	- 800.60 (unspecified state of consciousness)	[P]

- with S06.330A (above) contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 800.61 (<i>with no LOC</i>)	
- with S06.33[1-2]A (above)	- 800.62 (<i>with brief [<1hr] LOC</i>)	
- with S06.33[3-4]A (above)	- 800.63 (<i>with moderate [1-24 hrs] LOC</i>)	
- with S06.335A (above)	- 800.64 (<i>with prolonged [>24 hrs] LOC</i>)	
- with S06.33[6-8]A (above)	- 800.65 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	
- with S06.339A (above)	- 800.66 (<i>with LOC of unspecified duration</i>)	
	- 800.69 (<i>with concussion, unspecified</i>)	
S02.0XXB...	800.8 (<i>open fracture of vault of skull with other and unspecified intracranial hemorrhage...</i>)	ICD9/10 [U/P]
- No match	- 800.80 (<i>unspecified state of consciousness</i>)	[P]
- with S06.360A (above; traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter)	- 800.81 (<i>with no LOC</i>)	
- with S06.36[1-2]A (above)	- 800.82 (<i>with brief [<1hr] LOC</i>)	
- with S06.36[3-4]A (above)	- 800.83 (<i>with moderate [1-24 hrs] LOC</i>)	
- with S06.365A (above)	- 800.84 (<i>with prolonged [>24 hrs] LOC</i>)	
- with S06.36[6-8]A (above)	- 800.85 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	
- with S06.369A (above)	- 800.86 (<i>with LOC of unspecified duration</i>)	
	- 800.89 (<i>with concussion, unspecified</i>)	
S02.0XXB...	800.7 (<i>open fracture of vault of skull with subarachnoid, subdural, and extradural hemorrhage...</i>)	ICD9/10 [U/P]
- No match	- 800.70 (<i>unspecified state of consciousness</i>)	[P]
- with S06.4X0A (above); epidural hemorrhage w/o LOC, initial encounter	- 800.71 (<i>with no LOC</i>)	
- with S06.5X0A (above; traumatic subdural hemorrhage w/o LOC; initial encounter)		
- with S06.6X0A (above; traumatic subarachnoid hemorrhage w/o LOC, initial encounter)		

- with S06.4X[1-2]A (above) - with S06.5X[1-2]A (above) - with S06.6X[1-2]A (above)	- 800.72 (with brief [<1hr] LOC)	
- with S06.4X[3-4]A (above) - with S06.5X[3-4]A (above) - with S06.6X[3-4]A (above)	- 800.73 (with moderate [1-24 hrs] LOC)	
- with S06.4X5A (above) - with S06.5X5A (above) - with S06.6X5A (above)	- 800.74 (with prolonged [>24 hrs] LOC)	
- with S06.4X[6-8]A (above) - with S06.5X[6-8]A (above) - with S06.6X[6-8]A (above)	- 800.75 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.4X9A (above) - with S06.5X9A (above) - with S06.6X9A (above)	- 800.76 (with LOC of unspecified duration) - 800.79 (with concussion, unspecified)	
S02.0XXB...	800.9 (open fracture of vault of skull with intracranial injury of other and unspecified nature...)	ICD9/10 [U/P]
- No match	- 800.90 (unspecified state of consciousness)	[P]
- with S06.890A (above); other specified intracranial injury, w/o LOC, initial encounter - with S06.9X0A (above); unspecified intracranial injury w/o LOC, initial encounter	- 800.91 (with no LOC)	
- with S06.89[1-2]A (above) - with S06.9X[1-2]A (above)	- 800.92 (with brief [<1hr] LOC)	
- with S06.89[3-4]A (above) - with S06.9X[3-4]A (above)	- 800.93 (with moderate [1-24 hrs] LOC)	
- with S06.895A (above) - with S06.9X5A (above)	- 800.94 (with prolonged [>24 hrs] LOC)	
- with S06.89[6-8]A (above) - with S06.9X[6-8]A (above)	- 800.95 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.899A (above) - with S06.9X9A (above)	- 800.96 (with LOC of unspecified duration) - 800.99 (with concussion, unspecified)	
S02.1 Fracture of Base of Skull	801 Fracture of Base of Skull	

- S02.10XA (<i>unspecified fracture of base of skull, initial encounter for closed fracture</i>)	801.0 (<i>closed fracture of base of skull without mention of intracranial injury...</i>)	ICD9/10 [U/M]
	- 801.00 (<i>unspecified state of consciousness</i>)	[M]
- with S06.0X0A (<i>above</i> ; concussion w/o LOC, initial encounter)	- 801.01 (<i>with no LOC</i>)	[M]
- with S06.0X[1-2]A (<i>above</i>)	- 801.02 (<i>with brief [<1hr] LOC</i>)	[M]
- with S06.0X[3-4]A (<i>above</i>)	- 801.03 (<i>with moderate [1-24 hrs] LOC</i>)	[M]
- with S06.0X5A (<i>above</i>)	- 801.04 (<i>with prolonged [>24 hrs] LOC</i>)	[S]
- with .0X[6-8]A (<i>above</i>)	- 801.05 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	[S]
- with S06.0X9A (<i>above</i>)	- 801.06 (<i>with LOC of unspecified duration</i>)	[M]
	- 801.09 (<i>with concussion, unspecified</i>)	[M]
S02.10XA	801.1 (<i>closed fracture of base of skull; with cerebral laceration and contusion...</i>)	ICD9/10 [U/M]
- No match	- 801.10 (<i>unspecified state of consciousness</i>)	[M]
- with S06.330A (<i>above</i>); contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter)	- 801.11 (<i>with no LOC</i>)	[M]
- with S06.33[1-2]A (<i>above</i>)	- 801.12 (<i>with brief [<1hr] LOC</i>)	[M]
- with S06.33[3-4]A (<i>above</i>)	- 801.13 (<i>with moderate [1-24 hrs] LOC</i>)	[M]
- with S06.335A (<i>above</i>)	- 801.14 (<i>with prolonged [>24 hrs] LOC</i>)	[S]
- with S06.33[6-8]A (<i>above</i>)	- 801.15 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	[S]
- with S06.339A (<i>above</i>)	- 801.16 (<i>with LOC of unspecified duration</i>)	[M]
	- 801.19 (<i>with concussion, unspecified</i>)	[M]
S02.10XA...	801.3 (<i>closed fracture of base of skull with other and unspecified intracranial hemorrhage...</i>)	ICD9/10 [U/M]
- No match	- 801.30 (<i>unspecified state of consciousness</i>)	[M]
- with S06.360A (<i>above</i>); traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 801.31 (<i>with no LOC</i>)	[M]
- with S06.36[1-2]A (<i>above</i>)	- 801.32 (<i>with brief [<1hr] LOC</i>)	[M]

- with S06.36[3-4]A (above)	- 801.33 (with moderate [1-24 hrs] LOC)	[M]
- with S06.365A (above)	- 801.34 (with prolonged [>24 hrs] LOC)	[S]
- with S06.36[6-8]A (above)	- 801.35 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- with S06.369A (above)	- 801.36 (with LOC of unspecified duration)	[M]
	- 801.39 (with concussion, unspecified)	[M]
S02.10XA...	801.2 (closed fracture of base of skull with subarchnoid, subdural, and extradural hemorrhage...)	ICD9/10 [U/M]
- No match	- 801.20 (unspecified state of consciousness)	[M]
- with S06.4X0A (above); epidural hemorrhage w/o LOC, initial encounter - with S06.5X0A (above); traumatic subdural hemorrhage w/o LOC; initial encounter - with S06.6X0A (above); traumatic subarachnoid hemorrhage w/o LOC, initial encounter	- 801.21 (with no LOC)	[M]
- with S06.4X[1-2]A (above) - with S06.5X[1-2]A (above) - with S06.6X[1-2]A (above)	- 801.22 (with brief [<1hr] LOC)	[M]
- with S06.4X[3-4]A (above) - with S06.5X[3-4]A (above) - with S06.6X[3-4]A (above)	- 801.23 (with moderate [1-24 hrs] LOC)	[M]
- with S06.4X5A (above) - with S06.5X5A (above) - with S06.6X5A (above)	- 801.24 (with prolonged [>24 hrs] LOC)	[S]
- with S06.4X[6-8]A (above) - with S06.5X[6-8]A (above) - with S06.6X[6-8]A (above)	- 801.25 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- with S06.4X9A (above) - with S06.5X9A (above) - with S06.6X9A (above)	- 800.26 with LOC of unspecified duration)	[M]
	- 801.29 (with concussion, unspecified)	[M]
S02.10XA ...	801.4 (closed fracture of base of skull with intracranial injury of other and unspecified nature)	ICD9/10 [U/M]
- No match	- 801.40 (unspecified state of consciousness)	[M]

- with S06.890A (above); other specified intracranial injury, w/o LOC, initial encounter	- 801.41 (with no LOC)	[M]
- with S06.9X0A (above); unspecified intracranial injury w/o LOC, initial encounter		
- with S06.89[1-2]A (above)	- 801.42 (with brief [<1hr] LOC)	[M]
- with S06.9X[1-2]A (above)		
- with S06.89[3-4]A (above)	- 801.43 (with moderate [1-24 hrs] LOC)	[M]
- with S06.9X[3-4]A (above)		
- with S06.895A (above)	- 801.44 (with prolonged [>24 hrs] LOC)	[S]
- with S06.9X5A (above)		
- with S06.89[6-8]A (above)	- 801.45 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- with S06.9X[6-8]A (above)		
- with S06.899A (above)	- 801.46 (with LOC of unspecified duration)	[M]
- with S06.9X9A (above)		
	- 801.49 (with concussion, unspecified)	[M]
S02.10XB (unspecified fracture of <i>base</i> of skull, initial encounter for <i>open</i> fracture)	<i>801.5 (open fracture of base of skull without mention of intracranial injury)</i>	ICD9/10 [U/P]
	- 801.50 (unspecified state of consciousness)	[P]
	- 801.51 (with no LOC)	
	- 801.52 (with brief [<1hr] LOC)	
	- 801.53 (with moderate [1-24 hrs] LOC)	
	- 801.54 (with prolonged [>24 hrs] LOC)	
	- 801.55 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
	- 801.46 (with LOC of unspecified duration)	
	- 800.59 (with concussion, unspecified)	
S02.10XB...	<i>801.6 (open fracture of base of skull with cerebral laceration and contusion...)</i>	ICD9/10 [U/P]
- No match	- 801.60 (unspecified state of consciousness)	[P]
- with S06.330A (above); contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 801.61 (with no LOC)	
- with S06.33[1-2]A (above)	- 801.62 (with brief [<1hr] LOC)	

- with S06.33[3-4]A (above)	- 801.63 (with moderate [1-24 hrs] LOC)	
- with S06.335A (above)	- 801.64 (with prolonged [>24 hrs] LOC)	
- with S06.33[6-8]A (above)	- 801.65 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.339A (above)	- 801.66 (with LOC of unspecified duration)	
	- 801.69 (with concussion, unspecified)	
S02.10XB...	801.8 (open fracture of base of skull with other and unspecified intracranial hemorrhage...)	ICD9/10 [U/P]
- No match	- 801.80 (unspecified state of consciousness)	[P]
- with S06.360A (above); traumatic hemorrhage of cerebrum, unspecified, w/o LOC, initial encounter	- 801.81 (with no LOC)	
- with S06.36[1-2]A (above)	- 801.82 (with brief [<1hr] LOC)	
- with S06.36[3-4]A (above)	- 801.83 (with moderate [1-24 hrs] LOC)	
- with S06.365A (above)	- 801.84 (with prolonged [>24 hrs] LOC)	
- with S06.36[6-8]A (above);	- 801.85 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.369A (above)	- 801.86 (with LOC of unspecified duration)	
	- 801.89 (with concussion, unspecified)	
S02.10XB...	801.7 (open fracture of base of skull with subarachnoid, subdural, and extradural hemorrhage...)	ICD9/10 [U/P]
- No match	- 801.70 (unspecified state of consciousness)	[P]
- with S06.4X0A (above); epidural hemorrhage w/o LOC, initial encounter	- 801.71 (with no LOC)	
- with S06.5X0A (above); traumatic subdural hemorrhage w/o LOC; initial encounter		
- with S06.6X0A (above); traumatic subarachnoid hemorrhage w/o LOC, initial encounter		
- with S06.4X[1-2]A (above)	- 801.72 (with brief [<1hr] LOC)	
- with S06.5X[1-2]A (above)		
- with S06.6X[1-2]A (above)		

- with S06.4X[3-4]A (above) - with S06.5X[3-4]A (above) - with S06.6X[3-4]A (above)	- 801.73 (with moderate [1-24 hrs] LOC)	
- with S06.4X5A (above) - with S06.5X5A (above) - with S06.6X5A (above)	- 801.74 (with prolonged [>24 hrs] LOC)	
- with S06.4X[6-8]A (above) - with S06.5X[6-8]A (above) - with S06.6X[6-8]A (above)	- 801.75 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.4X9A (above) - with S06.5X9A (above) - with S06.6X9A (above)	- 801.76 (with LOC of unspecified duration) - 801.79 (with concussion, unspecified)	
S02.10XB...	801.9 (open fracture of base of skull with intracranial injury of other and unspecified nature...)	ICD9/10 [U/P]
- No match	- 801.90 (unspecified state of consciousness)	[P]
- with S06.890A (above); other specified intracranial injury, w/o LOC, initial encounter - with S06.9X0A (above); unspecified intracranial injury w/o LOC, initial encounter	- 801.91 (with no LOC)	
- with S06.89[1-2]A (above) - with S06.9X[1-2]A (above)	- 801.92 (with brief [<1hr] LOC)	
- with S06.89[3-4]A (above) with S06.9X[3-4]A (above)	- 801.93 (with moderate [1-24 hrs] LOC)	
- with S06.895A (above) - with S06.9X5A (above)	- 801.94 (with prolonged [>24 hrs] LOC)	
- with S06.89[6-8]A (above) - with S06.9X[6-8]A (above)	- 801.95 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.899A (above) - with S06.9X9A (above)	- 801.96 (with LOC of unspecified duration) - 801.99 (with concussion, unspecified)	
S02.11 Fracture of Occiput		
S02.110 (type I occipital condyle fracture)	801.0 (above)	ICD9/10 [U/m]



- S02.110A (type I occipital condyle fracture, initial encounter for <i>closed</i> fracture)	- 801.00 (above)	[m]
- S02.110B (type I occipital condyle fracture, initial encounter for <i>open</i> fracture)	- 801.50 (above)	[P]
<i>S02.111 (type II occipital condyle fracture)</i>	<i>801.0 (above)</i>	ICD9/10 [U/M]
- S02.111A (type II occipital condyle fracture, initial encounter for <i>closed</i> fracture)	- 801.00 (above)	[M]
- S02.111B (type II occipital condyle fracture, initial encounter for <i>open</i> fracture)	- 801.50 (above)	[P]
<i>S02.112 (type III occipital condyle fracture)</i>	<i>801.0 (above)</i>	ICD9/10 [U/m]
- S02.112A (type III occipital condyle fracture, initial encounter for <i>closed</i> fracture)	- 801.00 (above)	[m]
- S02.112B (type III occipital condyle fracture, initial encounter for <i>open</i> fracture)	- 801.50 (above)	[P]
<i>S02.113 (unspecified occipital condyle fracture)</i>	<i>801.0 (above)</i>	ICD9/10 [U/m]
- S02.113A (unspecified occipital condyle fracture, initial encounter for <i>closed</i> fracture)	- 801.00 (above)	[m]
- S02.113B (unspecified occipital condyle fracture, initial encounter for <i>open</i> fracture)	- 801.50 (above)	[P]
<i>S02.118 (other fracture of occiput)</i>	<i>801.0 (above)</i>	ICD9/10 [U/M]
- S02.118A (other fracture of occiput, initial encounter for <i>closed</i> fracture)	- 801.00 (above)	[M]
- S02.118B (other fracture of occiput, initial encounter for <i>open</i> fracture)	- 801.50 (above)	[P]
<i>S02.119 (unspecified fracture of occiput)</i>	<i>801.0 (above)</i>	ICD9/10 [U/M]
- S02.119A (unspecified fracture of occiput, initial encounter for <i>closed</i> fracture)	- 801.00 (above)	[M]
- S02.119B (unspecified fracture of occiput, initial encounter for <i>open</i> fracture)	- 801.50 (above)	[P]

<i>S02.19 (other fracture of base of skull)</i>	801.0 (above)	ICD9/10 [U/M]
- S02.19XA (other fracture of base of skull, initial encounter for <i>closed</i> fracture)	- 801.00 (above)	[M]
- S02.19XB (other fracture for base of skull, initial encounter for <i>open</i> fracture)	- 801.50 (above)	[P]
S02.8 Fracture of Other Specified Skull and Facial Bones		
- S02.8XXA (fracture of other specified skull and facial bones, initial encounter for <i>closed</i> fracture)	<i>ICD9 code not included; does not specify skull fracture</i>	[m]
- S02.8XXB (fracture of other specified skull and facial bones, initial encounter for <i>open</i> fracture)	<i>ICD9 code not included; does not specify skull fracture</i>	[P]
S02.9 Fracture of Unspecified Skull and Facial Bones		
<i>S02.91XA (unspecified fracture of skull, initial encounter for closed fracture)</i>	<i>803.0 (other closed skull fractures without mention of intracranial injury...)</i>	ICD9/10 [U/M]
	- 803.00 (<i>unspecified state of consciousness</i>)	[M]
	- 803.01 (<i>with no LOC</i>)	[M]
	- 803.02 (<i>with brief [<1hr] LOC</i>)	[M]
	- 803.03 (<i>with moderate [1-24 hrs] LOC</i>)	[M]
	- 803.04 (<i>with prolonged [>24 hrs] LOC</i>)	[S]
	- 803.05 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	[S]
	- 803.06 (<i>with LOC of unspecified duration</i>)	[M]
	- 803.09 (<i>with concussion, unspecified</i>)	[M]
<i>S02.91XA (above)</i>	<i>804.0 (closed fracture involving skull or face with other bones without mention of intracranial injury...)</i>	ICD9/10 [U/M]
	- 804.00 (<i>unspecified state of consciousness</i>)	[M]
	- 804.01 (<i>with no LOC</i>)	[M]
	- 804.02 (<i>with brief [<1hr] LOC</i>)	[M]
	- 804.03 (<i>with moderate [1-24 hrs] LOC</i>)	[M]
	- 804.04 (<i>with prolonged [>24 hrs] LOC</i>)	[S]

		- 804.05 (<i>with</i> prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
		- 804.06 (<i>with</i> LOC of <i>unspecified</i> duration)	[M]
		- 804.09 (<i>with</i> concussion, <i>unspecified</i>)	[M]
	S02.91XA ...	803.1 (<i>other closed skull fractures with cerebral laceration and contusion...</i>)	ICD9/10 [U/M]
	- No match	- 803.10 (<i>unspecified</i> state of consciousness)	[M]
	- <i>with</i> S06.330A (above); contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 803.11 (<i>with</i> no LOC)	[M]
	- <i>with</i> S06.33[1-2]A (above)	- 803.12 (<i>with</i> brief [<1 hr] LOC)	[M]
	- <i>with</i> S06.33[3-4]A (above)	- 803.13 (<i>with</i> moderate [1-24 hrs] LOC)	[M]
	- <i>with</i> S06.335A (above)	- 803.14 (<i>with</i> prolonged [>24 hrs] LOC)	[S]
	- <i>with</i> S06.33[6-8]A (above)	- 803.15 (<i>with</i> prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
	- <i>with</i> S06.339A (above)	- 803.16 (<i>with</i> LOC of <i>unspecified</i> duration)	[M]
		- 803.19 (<i>with</i> concussion, <i>unspecified</i>)	[M]
	S02.91XA ...	804.1 (<i>other closed skull fractures with other bones, with cerebral laceration and contusion...</i>)	ICD9/10 [U/M]
	- No match	- 804.10 (<i>unspecified</i> state of consciousness)	[M]
	- <i>with</i> S06.330A (above); contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 804.11 (<i>with</i> no LOC)	[M]
	- <i>with</i> S06.33[1-2]A (above)	- 804.12 (<i>with</i> brief [<1 hr] LOC)	[M]
	- <i>with</i> S06.33[3-4]A (above)	- 804.13 (<i>with</i> moderate [1-24 hrs] LOC)	[M]
	- <i>with</i> S06.335A (above)	- 804.14 (<i>with</i> prolonged [>24 hrs] LOC)	[S]
	- <i>with</i> S06.33[6-8]A (above)	- 804.15 (<i>with</i> prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
	- <i>with</i> S06.339A (above)	- 804.16 (<i>with</i> LOC of <i>unspecified</i> duration)	[M]
	-	- 804.19 (<i>with</i> concussion, <i>unspecified</i>)	[M]
	S02.91XA ...	803.3 (<i>other closed skull fractures with other and unspecified intracranial hemorrhage...</i>)	ICD9/10 [U/M]

- No match	- 803.30 (<i>unspecified state of consciousness</i>)	[M]
- with S06.330A (above); contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 803.31 (<i>with no LOC</i>)	[M]
- with S06.33[1-2]A (above)	- 803.32 (<i>with brief [<1hr] LOC</i>)	[M]
- with S06.33[3-4]A (above)	- 803.33 (<i>with moderate [1-24 hrs] LOC</i>)	[M]
- with S06.335A (above)	- 803.34 (<i>with prolonged [>24 hrs] LOC</i>)	[S]
- with S06.33[6-8]A (above)	- 803.35 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	[S]
- with S06.339A (above)	- 803.36 (<i>with LOC of unspecified duration</i>)	[M]
	- 803.39 (<i>with concussion, unspecified</i>)	[M]
S02.91XA ...	804.3 (<i>closed fractures involving skull or face with other bones with other and unspecified intracranial hemorrhage...</i>)	ICD9/10 [U/M]
- No match	- 804.30 (<i>unspecified state of consciousness</i>)	[M]
- with S06.360A (above); traumatic hemorrhage of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 804.31 (<i>with no LOC</i>)	[M]
- with S06.36[1-2]A (above)	- 804.32 (<i>with brief [<1hr] LOC</i>)	[M]
- with S06.36[3-4]A (above)	- 804.13 (<i>with moderate [1-24 hrs] LOC</i>)	[M]
- with S06.365A (above)	- 804.34 (<i>with prolonged [>24 hrs] LOC</i>)	[S]
- with S06.36[6-8]A (above)	- 804.35 (<i>with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level</i>)	[S]
- with S06.369A (above)	- 804.36 (<i>with LOC of unspecified duration</i>)	[M]
	- 804.39 (<i>with concussion, unspecified</i>)	[M]
S02.91XA ...	803.2 (<i>other closed skull fractures with subarchnoid, subdural, and extradural hemorrhage...</i>)	ICD9/10 [U/M]
- No match	- 803.20 (<i>unspecified state of consciousness</i>)	[M]

<ul style="list-style-type: none"> - with S06.4X0A (above); epidural hemorrhage w/o LOC, initial encounter - with S06.5X0A (above); traumatic subdural hemorrhage w/o LOC; initial encounter - with S06.6X0A (above); traumatic subarachnoid hemorrhage w/o LOC, initial encounter 	- 803.21 (with no LOC)	[M]
<ul style="list-style-type: none"> - with S06.4X[1-2]A (above) - with S06.5X[1-2]A (above) - with S06.6X[1-2]A (above) 	- 803.22 (with brief [<1hr] LOC)	[M]
<ul style="list-style-type: none"> - with S06.4X[3-4]A (above) - with S06.5X[3-4]A (above) - with S06.6X[3-4]A (above) 	- 803.23 (with moderate [1-24 hrs] LOC)	[M]
<ul style="list-style-type: none"> - with S06.4X5A (above) - with S06.5X5A (above) - with S06.6X5A (above) 	- 803.24 (with prolonged [>24 hrs] LOC)	[S]
<ul style="list-style-type: none"> - with S06.4X[6-8]A (above) - with S06.5X[6-8]A (above) - with S06.6X[6-8]A (above) 	- 803.25 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
<ul style="list-style-type: none"> - with S06.4X9A (above) - with S06.5X9A (above) 	- 803.26 (with LOC of unspecified duration)	[M]
<ul style="list-style-type: none"> - with S06.6X9A (above) 	- 803.29 (with concussion, unspecified)	[M]
S02.91XA ...	804.2 (closed fractures involving skull or face with other bones with subarachnoid, subdural, and extradural hemorrhage...)	ICD9/10 [U/M]
- No match	- 804.20 (unspecified state of consciousness)	ICD9/10 [U/M]
<ul style="list-style-type: none"> - with S06.4X0A (above); epidural hemorrhage w/o LOC, initial encounter - with S06.5X0A (above); traumatic subdural hemorrhage w/o LOC; initial encounter - with S06.6X0A (above); traumatic subarachnoid hemorrhage w/o LOC, initial encounter 	- 804.21 (with no LOC)	[M]
<ul style="list-style-type: none"> - with S06.4X[1-2]A (above) - with S06.5X[1-2]A (above) - with S06.6X[1-2]A (above) 	- 804.22 (with brief [<1hr] LOC)	[M]



- with S06.4X[3-4]A (above) - with S06.5X[3-4]A (above) - with S06.6X[3-4]A (above)	- 804.23 (with moderate [1-24 hrs] LOC)	[M]
- with S06.4X5A (above) - with S06.5X5A (above) - with S06.6X5A (above)	- 804.24 (with prolonged [>24 hrs] LOC)	[M]
- with S06.4X[6-8]A (above) - with S06.5X[6-8]A (above) - with S06.6X[6-8]A (above)	- 804.25 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- with S06.4X9A (above) - with S06.5X9A (above) - with S06.6X9A (above)	- 804.26 (with LOC of unspecified duration)	[M]
	- 804.29 (with concussion, unspecified)	[M]
S02.91XA...	803.4 (other closed skull fractures with intracranial injury of other and unspecified nature...)	ICD9/10 [U/M]
- No match	- 803.40 (unspecified state of consciousness)	[M]
- with S06.890A (above); other specified intracranial injury, w/o LOC, initial encounter - with S06.9X0A (above); unspecified intracranial injury w/o LOC, initial encounter	- 803.41 (with no LOC)	[M]
- with S06.89[1-2]A (above) - with S06.9X[1-2]A (above)	- 803.42 (with brief [<1hr] LOC)	[M]
- with S06.89[3-4]A (above) - with S06.9X[3-4]A (above)	- 803.43 (with moderate [1-24 hrs] LOC)	[M]
- with S06.895A (above) - with S06.9X5A (above)	- 803.44 (with prolonged [>24 hrs] LOC)	[S]
- with S06.89[6-8]A (above) - with S06.9X[6-8]A (above)	- 803.45 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	[S]
- with S06.899A (above) - with S06.9X9A (above)	- 803.46 (with LOC of unspecified duration)	[M]
	- 803.49 (with concussion, unspecified)	[M]
S02.91XA...	804.4 (closed fractures involving skull or face with other bones with intracranial injury of other and unspecified nature...)	ICD9/10 [U/M]
- No match	- 804.40 (unspecified state of consciousness)	[M]

<ul style="list-style-type: none"> - with S06.890A (above; other specified intracranial injury, w/o LOC, initial encounter) - with S06.9X0A (above; unspecified intracranial injury w/o LOC, initial encounter) 	<ul style="list-style-type: none"> - 804.41 (with no LOC) 	[M]
<ul style="list-style-type: none"> - with S06.89[1-2]A (above) - with S06.9X[1-2]A (above) 	<ul style="list-style-type: none"> - 804.42 (with brief [<1hr] LOC) 	[M]
<ul style="list-style-type: none"> - with S06.89[3-4]A (above) - with S06.9X[3-4]A (above) 	<ul style="list-style-type: none"> - 804.43 (with moderate [1-24 hrs] LOC) 	[M]
<ul style="list-style-type: none"> - with S06.895A (above) - with S06.9X5A (above) 	<ul style="list-style-type: none"> - 804.44 (with prolonged [>24 hrs] LOC) 	[S]
<ul style="list-style-type: none"> - with S06.89[6-8]A (above) - with S06.9X[6-8]A (above) 	<ul style="list-style-type: none"> - 804.45 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level) 	[S]
<ul style="list-style-type: none"> - with S06.899A (above) - with S06.9X9A (above) 	<ul style="list-style-type: none"> - 804.46 (with LOC of unspecified duration) 	[M]
	<ul style="list-style-type: none"> - 804.49 (with concussion, unspecified) 	[M]
<p><i>S02.91XB (unspecified fracture of skull, initial encounter for open fracture)</i></p>	<p><i>803.5 (other open skull fractures without mention of intracranial injury...)</i></p>	ICD9/10 [U/P]
	<ul style="list-style-type: none"> - 803.50 (unspecified state of consciousness) 	[P]
	<ul style="list-style-type: none"> - 803.51 (with no LOC) 	
	<ul style="list-style-type: none"> - 803.52 (with brief [<1hr] LOC) 	
	<ul style="list-style-type: none"> - 803.53 (with moderate [1-24 hrs] LOC) 	
	<ul style="list-style-type: none"> - 803.54 (with prolonged [>24 hrs] LOC) 	
	<ul style="list-style-type: none"> - 803.55 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level) 	
	<ul style="list-style-type: none"> - 803.56 (with LOC of unspecified duration) 	
<ul style="list-style-type: none"> - 803.59 (with concussion, unspecified) 		
<p><i>S02.91XB (above)</i></p>	<p><i>804.5 (open fractures involving skull or face with other bones without mention of intracranial injury...)</i></p>	ICD9/10 [U/P]
	<ul style="list-style-type: none"> - 804.50 (unspecified state of consciousness) 	[P]
	<ul style="list-style-type: none"> - 804.51 (with no LOC) 	
	<ul style="list-style-type: none"> - 804.52 (with brief [<1hr] LOC) 	
	<ul style="list-style-type: none"> - 804.53 (with moderate [1-24 hrs] LOC) 	



	- 804.54 (<i>with</i> prolonged [>24 hrs] LOC)	
	- 804.55 (<i>with</i> prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
	- 804.56 (<i>with</i> LOC of <i>unspecified</i> duration)	
	- 804.59 (<i>with</i> concussion, <i>unspecified</i>)	
S02.91XB ... -	803.6 (<i>other open skull fractures with cerebral laceration and contusion...</i>)	ICD9/10 [U/P]
- No match	- 803.60 (<i>unspecified</i> state of consciousness)	[P]
- <i>with</i> S06.330A (above); contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 803.61 (<i>with</i> no LOC)	
- <i>with</i> S06.33[1-2]A (above)	- 803.62 (<i>with</i> brief [<1 hr] LOC)	
- <i>with</i> S06.33[3-4]A (above)	- 803.63 (<i>with</i> moderate [1-24 hrs] LOC)	
- <i>with</i> S06.335A (above)	- 803.64 (<i>with</i> prolonged [>24 hrs] LOC)	
- <i>with</i> S06.33[6-8]A (above)	- 803.65 (<i>with</i> prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- <i>with</i> S06.339A (above)	- 803.66 (<i>with</i> LOC of <i>unspecified</i> duration)	
	- 803.69 (<i>with</i> concussion, <i>unspecified</i>)	
S02.91XB ... -	804.6 (<i>open fractures involving skull or face with other bones with cerebral laceration and contusion...</i>)	ICD9/10 [U/P]
- No match	- 804.60 (<i>unspecified</i> state of consciousness)	[P]
- <i>with</i> S06.330A (above); contusion and laceration of cerebrum, <i>unspecified</i> , w/o LOC, initial encounter	- 804.61 (<i>with</i> no LOC)	
- <i>with</i> S06.33[1-2]A (above)	- 804.62 (<i>with</i> brief [<1 hr] LOC)	
- <i>with</i> S06.33[3-4]A (above)	- 804.63 (<i>with</i> moderate [1-24 hrs] LOC)	
- <i>with</i> S06.335A (above)	- 804.64 (<i>with</i> prolonged [>24 hrs] LOC)	
- <i>with</i> S06.33[6-8]A (above)	- 804.65 (<i>with</i> prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- <i>with</i> S06.339A (above)	- 804.66 (<i>with</i> LOC of <i>unspecified</i> duration)	
	- 804.69 (<i>with</i> concussion, <i>unspecified</i>)	

S02.91XB ...	803.8 (other open skull fractures with other and unspecified intracranial hemorrhage...)	ICD9/10 [U/P]
- No match	- 803.80 (unspecified state of consciousness)	[P]
- with S06.360A (above); traumatic hemorrhage of cerebrum, unspecified, w/o LOC, initial encounter	- 803.81 (with no LOC)	
- with S06.36[1-2]A (above)	- 803.82 (with brief [<1hr] LOC)	
- with S06.36[3-4]A (above)	- 803.83 (with moderate [1-24 hrs] LOC)	
- with S06.365A (above)	- 803.84 (with prolonged [>24 hrs] LOC)	
- with S06.36[6-8]A (above)	- 803.85 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.369A (above)	- 803.86 (with LOC of unspecified duration)	
	- 803.89 (with concussion, unspecified)	
S02.91XB ...	804.8 (open fractures involving skull or face with other bones with other and unspecified intracranial hemorrhage...)	ICD9/10 [U/P]
-		
- No match	- 804.80 (unspecified state of consciousness)	[P]
- with S06.36-A (above); traumatic hemorrhage of cerebrum, unspecified, w/o LOC, initial encounter	- 804.81 (with no LOC)	
- with S06.36[1-2]A (above)	- 804.82 (with brief [<1hr] LOC)	
- with S06.36[3-4]A (above)	- 804.83 (with moderate [1-24 hrs] LOC)	
- with S06.365A (above)	- 804.84 (with prolonged [>24 hrs] LOC)	
- with S06.36[6-8]A (above)	- 804.85 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.369A (above)	- 804.86 (with LOC of unspecified duration)	
	- 804.89 (with concussion, unspecified)	
S02.91XB ...	803.7 (other open skull fractures with subarachnoid, subdural, and extradural hemorrhage...)	ICD9/10 [U/P]
-		
- No match	- 803.70 (unspecified state of consciousness)	[P]

<ul style="list-style-type: none"> - with S06.4X0A (above); epidural hemorrhage w/o LOC, initial encounter - with S06.5X0A (above); traumatic subdural hemorrhage w/o LOC; initial encounter - with S06.6X0A (above); traumatic subarachnoid hemorrhage w/o LOC, initial encounter 	<ul style="list-style-type: none"> - 803.71 (with no LOC) 	
<ul style="list-style-type: none"> - with S06.4X[1-2]A (above) - with S06.5X[1-2]A (above) - with S06.6X[1-2]A (above) 	<ul style="list-style-type: none"> - 803.72 (with brief [<1hr] LOC) 	
<ul style="list-style-type: none"> - with S06.4X[3-4]A (above) - with S06.5X[3-4]A (above) - with S06.6X[3-4]A (above) 	<ul style="list-style-type: none"> - 803.73 (with moderate [1-24 hrs] LOC) 	
<ul style="list-style-type: none"> - with S06.4X5A (above) - with S06.5X5A (above) - with S06.6X5A (above) 	<ul style="list-style-type: none"> - 803.74 (with prolonged [>24 hrs] LOC) 	
<ul style="list-style-type: none"> - with S06.4X[6-8]A (above) - with S06.5X[6-8]A (above) - with S06.6X[6-8]A (above) 	<ul style="list-style-type: none"> - 803.75 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level) 	
<ul style="list-style-type: none"> - with S06.4X9A (above) - with S06.5X9A (above) - with S06.6X9A (above) 	<ul style="list-style-type: none"> - 803.76 (with LOC of unspecified duration) 	
	<ul style="list-style-type: none"> - 803.79 (with concussion, unspecified) 	
<p>S02.91XB ...</p> <ul style="list-style-type: none"> - 	<p>804.7 (open fractures involving skull or face with other bones with subdural and extradural hemorrhage...)</p>	<p>ICD9/10 [U/P]</p>
<ul style="list-style-type: none"> - No match 	<ul style="list-style-type: none"> - 804.70 (unspecified state of consciousness) 	<p>[P]</p>
<ul style="list-style-type: none"> - with S06.4X0A (above); epidural hemorrhage w/o LOC, initial encounter - with S06.5X0A (above); traumatic subdural hemorrhage w/o LOC; initial encounter - with S06.6X0A (above); traumatic subarachnoid hemorrhage w/o LOC, initial encounter 	<ul style="list-style-type: none"> - 804.71 (with no LOC) 	
<ul style="list-style-type: none"> - with S06.4X[1-2]A (above) - with S06.5X[1-2]A (above) - with S06.6X[1-2]A (above) 	<ul style="list-style-type: none"> - 804.72 (with brief [<1hr] LOC) 	



- with S06.4X[3-4]A (above) - with S06.5X[3-4]A (above) - with S06.6X[3-4]A (above)	- 804.73 (with moderate [1-24 hrs] LOC)	
- with S06.4X5A (above) - with S06.5X5A (above) - with S06.6X5A (above)	- 804.74 (with prolonged [>24 hrs] LOC)	
- with S06.4X[6-8]A (above) - with S06.5X[6-8]A (above) - with S06.6X[6-8]A (above)	- 804.75 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.4X9A (above) - with S06.5X9A (above) - with S06.6X9A (above)	- 804.76 (with LOC of unspecified duration) - 804.79 (with concussion, unspecified)	
S02.91XA...	803.9 (other open skull fractures with intracranial injury of other and unspecified nature...)	ICD9/10 [U/P]
- No match	- 803.90 (unspecified state of consciousness)	[P]
- with S06.890A (above); other specified intracranial injury, w/o LOC, initial encounter - with S06.9X0A (above); unspecified intracranial injury w/o LOC, initial encounter	- 803.91 (with no LOC)	
- with S06.89[1-2]A (above) - with S06.9X[1-2]A (above)	- 804.92 (with brief [<1hr] LOC)	
- with S06.89[3-4]A (above) - with S06.9X[3-4]A (above)	- 804.93 (with moderate [1-24 hrs] LOC)	
- with S06.895A (above) - with S06.9X5A (above)	- 804.94 (with prolonged [>24 hrs] LOC)	
- with S06.89[6-8]A (above) - with S06.9X[6-8]A (above)	- 804.95 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
- with S06.899A (above) - with S06.9X9A (above)	- 804.96 (with LOC of unspecified duration) - 803.99 (with concussion, unspecified)	
S02.91XB...	804.9 (open fractures involving skull or face with other bones with intracranial injury of other and unspecified nature...)	ICD9/10 [U/P]
- No match	- 804.90 (unspecified state of consciousness)	[P]



	- with S06.890A (above); other specified intracranial injury, w/o LOC, initial encounter	- 804.91 (with no LOC)	
	- with S06.9X0A (above); unspecified intracranial injury w/o LOC, initial encounter		
	- with S06.89[1-2]A (above)	- 804.92 (with brief [<1hr] LOC)	
	- with S06.9X[1-2]A (above)		
	- with S06.89[3-4]A (above)	- 804.93 (with moderate [1-24 hrs] LOC)	
	- with S06.9X[3-4]A (above)		
	- with S06.895A (above)	- 804.94 (with prolonged [>24 hrs] LOC)	
	- with S06.9X5A (above)		
	- with S06.89[6-8]A (above)	- 804.95 (with prolonged [>24 hrs] LOC, w/o return to pre-existing conscious level)	
	- with S06.9X[6-8]A (above)		
	- with S06.899A (above)	- 804.96 (with LOC of unspecified duration)	
	- with S06.9X9A (above)	- 804.99 (with concussion, unspecified)	

Condition	ICD-10-CM Codes	ICD-9-CM Codes	Severity
Traumatic Brain Injury	Crush Injury		
(Other)	S07.1 (crushing injury of skull)	ICD9 code not included; does not specify skull fracture	[M]
	- S07.1XXA (crushing injury of skull, initial encounter)	ICD9 code not included; does not specify skull fracture	
	Other Head Injuries		
	- S06.9X9S (unspecified intracranial injury with LOC of unspecified duration, <i>sequela</i>)	907.0 (late effect of intracranial injury without mention of skull fracture)	ICD9/10 [U/M]
	ICD10 codes S09.8 (other specified injuries of head) and S09.90 (unspecified injury of the head) not included. See Comments below.	- 959.01 (head injury, unspecified)	[M]

Extender Codes for use with ICD9 and ICD10

Condition	ICD-10-CM Codes	ICD-9-CM Codes	Severity
Traumatic Brain Injury	Z87.820 (personal history of traumatic brain injury)	V15.5 (injury) with extender codes...[1,6,B]	[m]
	DOD0101 (PERS HX, TBI, LVL-UKN Personal history of traumatic brain injury (TBI), highest level of severity unknown)	V15.52 (personal history of traumatic brain injury) with extender code...[1,6,B]]	
		V15.59 (personal history of other injury)	



		<i>with extender codes... [1,6,B]]</i>	
DOD0102 (PERS HX, TBI, LVL-MILD) Personal history of traumatic brain injury (TBI), highest level of severity mild (Glasgow coma scale 13-15), LOC 1hr, post trauma amnesia < 24hr	V15.5 (injury) <i>with extender codes...[2,7,C]</i>		[m]
	V15.52 (personal history of traumatic brain injury) <i>with extender code...[2,7,C]</i>		
	V15.59 (personal history of other injury) <i>with extender codes... [2,7,C]</i>		
DOD0103 (PERS HX, TBI, LVL-MODERATE) Personal history of traumatic brain injury (TBI), highest level of severity moderate (Glasgow coma scale 9-12), LOC 1-24 hrs, post trauma amnesia 2-7 days	V15.5 (injury) <i>with extender codes...[3,8,D]</i>		[M]
	V15.52 (personal history of traumatic brain injury) <i>with extender code...[3,8,D]</i>		
	V15.59 (personal history of other injury) <i>with extender codes... [3,8,D]</i>		
DOD0104 (PERS HX, TBI, LVL-SEVERE) Personal history of traumatic brain injury (TBI), highest level of severity severe (Glasgow coma scale 3-8), LOC >24hrs, post trauma amnesia >7 days	V15.5 (injury) <i>with extender codes...[4,9,E]</i>		[S]
	V15.52 (personal history of traumatic brain injury) <i>with extender code...[4,9,E]</i>		
	V15.59 (personal history of other injury) <i>with extender codes... [4,9,E]</i>		
DOD0105 (PERS HX, TBI, LVL-PENETRATNG) Personal history of traumatic brain injury (TBI), penetrating intracranial wound (no level of severity assigned)	V15.5 (injury) <i>with extender codes...[5,A,F]</i>		[P]
	V15.52 (personal history of traumatic brain injury) <i>with extender code...[5,A,F]</i>		
	V15.59 (personal history of other injury) <i>with extender codes... [5,A,F]</i>		
1_ Personal history of TBI, Global War On Terrorism (GWOT) Related, Unknown level of severity			[U]
2_ Personal history of TBI, GWOT Related, Mild (Glasgow Coma Scale 13-15), LOC<1hr, Post Trauma Amnesia <24 hrs			[m]
3_ Personal history of TBI ,GWOT Related, Moderate (Glasgow Coma Scale 9-12) ,LOC 1-24 hrs Post Trauma Amnesia 1-6 days			[M]
4_ Personal history of TBI, GWOT Related, Severe (Glasgow Coma Scale 3-8), LOC >24 hrs, Post Trauma Amnesia >6 days			[S]
5_ Personal history of TBI, GWOT Related, Penetrating Intracranial Wound			[P]
6_ Personal history of TBI, Not GWOT Related, Unknown level of severity			[U]
7_ Personal history of TBI, Not GWOT Related, Mild (Glasgow Coma Scale 13-15), LOC<1 hr Post Trauma Amnesia <24 hrs			[m]
8_ Personal history of TBI, Not GWOT Related, Moderate (Glasgow Coma Scale 9-12), LOC 1-24 hrs Post Trauma Amnesia 1-6 days			[M]
9_ Personal history of TBI, Not GWOT Related, Severe (Glasgow Coma Scale 3-8), LOC >24 hrs, Post Trauma Amnesia >6 day			[S]
A_ Personal history of TBI, Not GWOT Related, Penetrating Intracranial Wound			[P]

	B_ Personal history of TBI, Unknown if GWOT Related, Unknown level of severity	[U]
	C_ Personal history of, Unknown if GWOT Related, Mild (Glasgow Coma Scale 13-15), LOC<1 hr, Post Trauma Amnesia <24 hrs	[m]
	D_ Personal history of Unknown if GWOT Related, Moderate (Glasgow Coma Scale 9-12), LOC 1-24 hrs, Post Trauma Amnesia 1-6 days	[M]
	E_ Personal history of TBI, Unknown if GWOT Related, Severe (Glasgow Coma Scale 3-8), LOC >24 hrs, Post Trauma Amnesia >6 day	[S]
	F_ Personal history of TBI, Unknown if GWOT Related, Penetrating Intracranial Wound	[P]

