



CLINICAL MEDICAL POLICY	
Policy Name:	Intraoperative Neurophysiologic Monitoring
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Products:	Highmark Wholecare SM Medicaid
Application:	All participating hospitals and providers
Page Number(s):	1 of 60

Policy History

Date	Action
04/01/2025	Provider Effective date
02/05/2025	PARP Approval
11/20/2024	QI/UM Committee review
11/20/2024	Annual Review: No changes to clinical criteria. Updated 'Reference Sources' section.
06/01/2024	Provider Effective date
04/18/2024	PARP Approval
10/18/2023	QI/UM Committee review
10/18/2023	Policy initially developed

Disclaimer

Highmark WholecareSM medical policy is intended to serve only as a general reference resource regarding coverage for the services described. This policy does not constitute medical advice and is not intended to govern or otherwise influence medical decisions.

Policy Statement

Highmark WholecareSM may provide coverage under the medical-surgical benefits of the Company's Medicaid products for medically necessary intraoperative neurophysiologic monitoring.

This policy is designed to address medical necessity guidelines that are appropriate for the majority of individuals with a particular disease, illness or condition. Each person's unique clinical circumstances warrant individual consideration, based upon review of applicable medical records.

(Current applicable Pennsylvania HealthChoices Agreement Section V. Program Requirements, B. Prior Authorization of Services, 1. General Prior Authorization Requirements.)

Definitions

Prior Authorization Review Panel (PARP) – A panel of representatives from within the PA Department of Human Services who have been assigned organizational responsibility for the review, approval and denial of all PH-MCO Prior Authorization policies and procedures.

Intraoperative neurophysiologic monitoring (IONM) - describes a variety of procedures that have been used to monitor the integrity of neural pathways during high-risk neurosurgical, orthopedic, and vascular surgeries. Involves continuous evaluation of the electrical activity of one or more neural pathways in an anesthetized patient. The goal of these monitoring modalities is to detect surgical or physiological insults to the nervous system while they are still reversible, or in cases where prevention is not an option, to minimize the damage done to these structures during surgical resection.

Procedures

1. IONM, which may include somatosensory-evoked potentials, motor-evoked potentials using transcranial electrical stimulation, brainstem auditory-evoked potentials, electromyography (EMG) of cranial nerves, electroencephalogram (EEG), or electrocorticography (ECoG), may be considered medically necessary when ALL of the following criteria are met:
 - A. The procedure is performed by an operator who is certified by the American Board of Medical Specialties (ABMS); AND
 - B. When the procedure is used to monitor only one (1) procedure at a time; AND
 - C. For individuals undergoing ANY of the following procedures:
 - Aortic arch, its branch vessels, or thoracic aorta surgery, including carotid artery surgery, when there is a risk of cerebral or spinal cord ischemia
 - Aortic procedures, distal, where there is risk of ischemia to spinal cord
 - Arteriovenous malformations (AVMs), surgery or embolization for intracranial AVMs
 - Basal ganglia movement disorders
 - Deep brain stimulations
 - Brain, resection of epileptogenic tissue or tumor
 - Brain, resection of tissue close to the eloquent brain cortex and requiring brain mapping
 - Brain surgery as a result of traumatic injury
 - Bronchial artery arteriovenous malformations or tumors, embolization of
 - Carotid artery arteriography, during which there is a test occlusion of the carotid artery
 - Cerebral vascular aneurysms
 - Circulatory arrest with hypothermia (does not include surgeries performed under circulatory bypass (e.g., coronary artery bypass grafting [CABG], ventricular aneurysms)
 - Cranial nerve protection during ANY of the following:

- Resection of tumors involving the cranial nerves
 - Cavernous sinus tumors
 - Microvascular decompression of cranial nerves
 - Skull base surgery in the vicinity of the cranial nerves and surgeries of the foramen magnum
 - Oval or round window graft
 - Endolymphatic shunt for Meniere's disease
 - Leg lengthening procedures, where there is traction on sciatic nerve or other nerve trunks
 - Movement disorders, surgery for intractable movement disorders
 - Peripheral nerves, neuromas of the brachial plexus, where there is risk to major sensory or motor nerves
 - Responsive neurostimulation for epilepsy
 - Spinal cord, arteriovenous malformation surgery
 - Spinal cord, correction of scoliosis or deformity of the spinal cord involving fraction of the cord
 - Spinal cord, decompressive procedures on the spinal cord or cauda equina carried out for myelopathy or claudication where function of spinal cord or spinal nerves is at risk
 - Spinal cord, protection where work is performed in proximity to cord and nerve roots as in the placement of new instrumentation, removal of old hardware, or where there have been numerous interventions
 - Spinal cord surgery as a result of a traumatic injury
 - Spinal cord tumors and spinal fractures (with the risk of cord compression)
 - Spinal instrumentation requiring pedicle screws, disc arthroplasty, or distraction
 - Vestibular section for vertigo
2. IONM of the recurrent laryngeal nerve may be considered medically necessary in individuals undergoing ANY of the following:
- A. Anterior cervical spine surgery associated with ANY of the following increased risk situations:
 - 1) Multilevel anterior cervical discectomy and fusion; OR
 - 2) Preexisting recurrent laryngeal nerve pathology, when there is residual function of the recurrent laryngeal nerve; OR
 - 3) Prior anterior cervical surgery, particularly revision anterior cervical discectomy and fusion, revision surgery through a scarred surgical field, reoperation for pseudarthrosis, or revision for failed fusion; OR
 - B. High-risk thyroid or parathyroid surgery, including ANY of the following:
 - 1) Repeat thyroid or parathyroid surgery; OR
 - 2) Retrosternal or giant goiter; OR
 - 3) Surgery for cancer; OR
 - 4) Thyrotoxicosis; OR
 - 5) Thyroiditis; OR
 - 6) Total thyroidectomy.
3. When IONM services are not considered medically necessary:
- IONM not meeting the criteria as indicated in this policy is considered not medically necessary.
 - IONM performed for more than one (1) procedure at a time is considered not medically necessary.

- IONM of the recurrent laryngeal nerve not meeting the criteria as indicated in this policy is considered experimental/investigational and therefore, not medically necessary because the safety and/or effectiveness of this service cannot be established by the available peer-reviewed literature.
- IONM of visual-evoked potentials (VEPs) is considered experimental/investigational and therefore, not medically necessary because the safety and/or effectiveness of this service cannot be established by the available peer-reviewed literature.

4. Post-payment Audit Statement

The medical record must include documentation that reflects the medical necessity criteria and is subject to audit by Highmark WholecareSM at any time pursuant to the terms of your provider agreement.

5. Place of Service

The proper place of service for IONM is outpatient.

6. Related Policies

- MP-128-MD-PA Nerve Conduction Studies and Electromyography

Governing Bodies Approval

CMS

The Centers for Medicare and Medicaid Services (CMS) has published the following guidance:

- National Coverage Determination (NCD) Interoperative Ventricular Mapping (20.11)
- Local Coverage Determination (LCD) Intraoperative Neurophysiological Testing (L35003)
- Local Coverage Article (LCA) Billing and Coding: Intraoperative Neurophysiological Testing (A56722)

Summary of Literature

Intraoperative neurophysiological monitoring (IONM) is the use of physiological monitoring techniques to assess neural integrity and/or to map or neuro-navigate within at-risk neural structures during various surgical procedures. The delivery of IONM services should be provided by an Intraoperative neurophysiological monitoring supervising professional (IONM-P). IONM patient care by the IONM-P includes evaluation of patient factors for IONM planning, intraoperative care including waveform interpretation, postoperative follow-up (as indicated), and the management of personnel who operate the instrumentation supporting these activities (Gertsch, et al., 2019).

A pre-IONM evaluation of patient information permits for the development of a patient-specific IONM care plan that considers pre-operative data points that may influence results, interpretation, and reliability of IONM. The evaluation may include, for example, a review of the medical record for prior imaging and/or neurophysiological procedure results, history-taking, and a focused examination. The pre-IONM evaluation may also provide the patient with a description of any IONM procedures along with the risks, and allow for informed decision-making on the part of the patient (Gertsch, et al., 2019).

To optimize patient care and safety, the IONM-P should remain continuously available perform intraoperative responsibilities in real time throughout the procedure. The IONM-P:

- Supervises all technical aspects of the IONM to ensure overall patient safety and quality of care.
- Communicates and collaborates with other members of the patient care team.
- Interprets IONM data:
 - Evaluates the quality and consistency of baseline data and identifies abnormalities in the context of known variables.
 - Evaluates IONM data in the context of the procedure and takes into account patient vitals, imaging, and labs when available and appropriate.
 - Evaluates and interprets data obtained from topographical/neuro-navigation studies.
- Develops a differential diagnosis:
 - Determines the significance of changes from baseline data. If possible, determines if changes are related to iatrogenic injury, anesthetic effects, physiological variables, patient positioning, technical factors, or a combination of these.
 - Recommends assessment technique(s) most appropriate to answer anatomic, functional, or prognostic questions related to specific neural structures.
- Provides input to the patient care team to help develop and execute a plan of therapeutic intervention to recover neural function when an adverse alteration in IONM data presents (Gertsch, et al., 2019)

The IONM post-operative report should include:

- The patient, surgeon, and IONM care team identified
- The surgical procedure(s) performed
- The types of modalities recorded with a description of the baseline responses
- Neural topographical/neuro-navigational data acquired (when applicable)
- Details of any significant changes in responses during the procedures
- Interventional measures recommended (in the case of concern for injury)
- Final responses obtained
- Details of post-operative neurological status when possible and relevant (Gertsch, et al., 2019)

IONM during spinal surgery has used to reduce the incidence of postoperative neurological complications, including level of the spinal cord, cauda equina and nerve root. Several established technologies are available and combined motor and somatosensory evoked potentials are considered mandatory for practical and successful IONM. Currently, the most commonly employed IONM techniques for spinal procedures include (1) somatosensory sensory evoked potentials (SSEPs), (2) motor-evoked potentials (MEPs), and (3) spontaneous and triggered electromyography (EMG) (Park & Hyun, 2015).

SSEPs assess the functional integrity of sensory pathways from the peripheral nerve through the dorsal column and to the sensory cortex. MEPs consist of spinal, neurogenic and muscle MEPs. MEPs allow selective and specific assessment of the functional integrity of descending motor pathways, from the motor cortex to peripheral muscles. Spinal surgeons should understand the concept of the monitoring techniques and interpret monitoring records adequately to use IOM for the decision making during the surgery for safe surgery and a favorable surgical outcome (Park & Hyun, 2015).

EMG, which comes in the form of spontaneous (sEMG) or triggered (tEMG), is a tool used for neuromonitoring specific nerve roots at risk of injury during spinal instrumentation. Similar to SSEPs, sEMG is recorded continuously, thus giving the advantage of real-time feedback throughout the entire procedure. However, in order to have a proper sEMG response, neuromuscular blockade is prohibited.

On the other hand, tEMGs are obtained by stimulating the center of the tulip of the pedicle screw. The response is then recorded from the appropriate muscle group (Charalampidis, et al., 2020).

EEG

An electroencephalogram (EEG) measures the activity of the cerebral cortical neuron via the scalp electrode. Each scalp electrode collects around 6 cm² synchronous cortical activity. This electrical activity is the summation of the postsynaptic potentials (inhibitory and excitatory) from pyramidal cells near each recording electrode.[6] Invasive EEG (iEEG) is recorded with subdural grid electrodes, depth electrodes, or epidural peg electrodes. Subdural electrodes are implanted subdurally over the brain surface. Depth electrodes are placed in deep structures like the hippocampus, amygdala, insula, or lesions under neuronavigation guidance. Epidural peg electrodes are placed by creating a trephination of the skull and inserting the electrode with the tip touching the dura.

ECoG

For epilepsy patient is unresponsive to medications, there may be alternative, surgical treatments that may be an option. To determine this, the treating neurologist may obtain magnetic resonance imaging (MRI) and electroencephalography (EEG) over prolonged periods of time to determine where the seizures are coming from in the brain. In cases where the precise area where the seizures are coming from cannot be determined, patients may undergo a procedure so that more precise EEG information can be obtained. These invasive leads are used to perform electrocorticography (ECoG). The leads that detect the seizures may be paddles that face on the brain or cylindrical leads that go into the brain. Sometimes a combination of both are used. The procedures are often called subdural grid placement, depth electrode placement or stereoelectroencephalography (sEEG) (AANS, 2023).

VEP

In neurosurgical procedures that may cause visual impairment in the intraoperative period, the monitoring of flash visual evoked potential (VEP) (also known as visual evoked cortical potentials [VECPs] or visual evoked responses [VERs]), is clinically used to evaluate visual function. Patients are unconscious during surgery under general anesthesia, making flash VEP monitoring useful as it can objectively evaluate visual function (Hayashi & Kawaguchi, 2017). For many years, visual electrophysiology laboratories around the world recorded VEPs using different techniques. Consequently, there were many divergent opinions concerning the neurophysiological basis of the components of the responses, the clinical usefulness of the technique, and the abnormalities associated with specific diseases (AAO, 2015).

The overall risk of IONM is low. Electrical safety is paramount in the operating room. Patients under anesthesia cannot report discomfort or pain; so, it is vital to ensure that IONM equipment is checked before a safe operation. Monitoring equipment malfunctioning can lead to local skin burns and other serious complications. An additional reported risk is seizure activity, high frequency (50 to 60 Hz) electrical brain stimulation can lead to seizure activity due to abnormal neuronal discharges. There are no absolute contraindication for any of the techniques of IONM. Relative contraindications for motor evoked potentials are the presence of vascular clips, intracranial electrodes, pacemakers, other implanted bio-mechanical equipment, cortical lesions, skull defects, increased intracranial pressure, and history of epilepsy. According to the guideline of the American Clinical Neurophysiology Society (ACNS), transcranial MEPs can induce seizures. The incidence is very low, so the history of epilepsy is not considered a contraindication to MEP monitoring. (Ghatol & Widrich, 2023).

Coding Requirements

Procedure Codes

CPT/HCPCS Code	Description
92650	Auditory evoked potentials; screening of auditory potential with broadband stimuli, automated analysis
92651	Auditory evoked potentials; for hearing status determination, broadband stimuli, with interpretation and report
92652	Auditory evoked potentials; for threshold estimation at multiple frequencies, with interpretation and report
92653	Auditory evoked potentials; neurodiagnostic, with interpretation and report
95829	Electrocorticogram at surgery (separate procedure)
95860	Needle electromyography; 1 extremity with or without related paraspinal areas
95861	Needle electromyography; 2 extremities with or without related paraspinal areas
95863	Needle electromyography; 3 extremities with or without related paraspinal areas
95864	Needle electromyography; 4 extremities with or without related paraspinal areas
95865	Needle electromyography; larynx
95867	Needle electromyography; cranial nerve supplied muscle(s), unilateral
95868	Needle electromyography; cranial nerve supplied muscles, bilateral
95907	Nerve conduction studies; 1-2 studies
95908	Nerve conduction studies; 3-4 studies
95909	Nerve conduction studies; 5-6 studies
95910	Nerve conduction studies; 7-8 studies
95911	Nerve conduction studies; 9-10 studies
95912	Nerve conduction studies; 11-12 studies
95913	Nerve conduction studies; 13 or more studies
95925	Short-latency somatosensory evoked potential study, stimulation of any/all peripheral nerves or skin sites, recording from the central nervous system; in upper limbs
95926	Short-latency somatosensory evoked potential study, stimulation of any/all peripheral nerves or skin sites, recording from the central nervous system; in lower limbs
95927	Short-latency somatosensory evoked potential study, stimulation of any/all peripheral nerves or skin sites, recording from the central nervous system; in the trunk or head
95928	Central motor evoked potential study (transcranial motor stimulation); upper limbs
95929	Central motor evoked potential study (transcranial motor stimulation); lower limbs
95937	Neuromuscular junction testing (repetitive stimulation, paired stimuli), each nerve, any 1 method
95938	Short-latency somatosensory evoked potential study, stimulation of any/all peripheral nerves or skin sites, recording from the central nervous system; in upper and lower limbs
95939	Central motor evoked potential study (transcranial motor stimulation); in upper and lower limbs
95940	Continuous intraoperative neurophysiology monitoring in the operating room, one on one monitoring requiring personal attendance, each 15 minutes (List separately in addition to code for primary procedure)
95955	Electroencephalogram (EEG) during nonintracranial surgery (eg, carotid surgery)

G0453	Continuous intraoperative neurophysiology monitoring, from outside the operating room (remote or nearby), per patient, (attention directed exclusively to one patient) each 15 minutes (list in addition to primary procedure)
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Non-covered Procedure Codes

These procedure codes will not be reimbursed without Medical Director approval.

CPT/HCPCS Code	Description
95941	Continuous intraoperative neurophysiology monitoring, from outside the operating room (remote or nearby) or for monitoring of more than one case while in the operating room, per hour (List separately in addition to code for primary procedure)
95930	Visual evoked potential (VEP) checkerboard or flash testing, central nervous system except glaucoma, with interpretation and report

Diagnosis Codes

ICD-10 Code	Description
C07	Malignant neoplasm of parotid gland
C41.2	Malignant neoplasm of vertebral column
C41.4	Malignant neoplasm of pelvic bones, sacrum and coccyx
C47.9	Malignant neoplasm of peripheral nerves and autonomic nervous system, unspecified
C49.3	Malignant neoplasm of connective and soft tissue of thorax
C70.0	Malignant neoplasm of cerebral meninges
C70.1	Malignant neoplasm of spinal meninges
C70.9	Malignant neoplasm of meninges, unspecified
C71.0	Malignant neoplasm of cerebrum, except lobes and ventricles
C71.1	Malignant neoplasm of frontal lobe
C71.2	Malignant neoplasm of temporal lobe
C71.3	Malignant neoplasm of parietal lobe
C71.4	Malignant neoplasm of occipital lobe
C71.5	Malignant neoplasm of cerebral ventricle
C71.6	Malignant neoplasm of cerebellum
C71.7	Malignant neoplasm of brain stem
C71.8	Malignant neoplasm of overlapping sites of brain
C71.9	Malignant neoplasm of brain, unspecified
C72.0	Malignant neoplasm of spinal cord
C72.1	Malignant neoplasm of cauda equina
C72.20	Malignant neoplasm of unspecified olfactory nerve
C72.21	Malignant neoplasm of right olfactory nerve
C72.22	Malignant neoplasm of left olfactory nerve
C72.30	Malignant neoplasm of unspecified optic nerve
C72.31	Malignant neoplasm of right optic nerve
C72.32	Malignant neoplasm of left optic nerve
C72.40	Malignant neoplasm of unspecified acoustic nerve

C72.41	Malignant neoplasm of right acoustic nerve
C72.42	Malignant neoplasm of left acoustic nerve
C72.50	Malignant neoplasm of unspecified cranial nerve
C72.59	Malignant neoplasm of other cranial nerves
C72.9	Malignant neoplasm of central nervous system, unspecified
C73	Malignant neoplasm of thyroid gland
C75.0	Malignant neoplasm of parathyroid gland
C79.31	Secondary malignant neoplasm of brain
C79.32	Secondary malignant neoplasm of cerebral meninges
C79.40	Secondary malignant neoplasm of unspecified part of nervous system
C79.49	Secondary malignant neoplasm of other parts of nervous system
C79.51	Secondary malignant neoplasm of bone
C79.89	Secondary malignant neoplasm of other specified sites
D21.0	Benign neoplasm of connective and other soft tissue of head, face and neck
D32.0	Benign neoplasm of cerebral meninges
D32.1	Benign neoplasm of spinal meninges
D32.9	Benign neoplasm of meninges, unspecified
D33.0	Benign neoplasm of brain, supratentorial
D33.1	Benign neoplasm of brain, infratentorial
D33.2	Benign neoplasm of brain, unspecified
D33.3	Benign neoplasm of cranial nerves
D33.4	Benign neoplasm of spinal cord
D33.7	Benign neoplasm of other specified parts of central nervous system
D33.9	Benign neoplasm of central nervous system, unspecified
D34	Benign neoplasm of thyroid gland
D35.1	Benign neoplasm of parathyroid gland
D36.11	Benign neoplasm of peripheral nerves and autonomic nervous system of face, head, and neck
D36.12	Benign neoplasm of peripheral nerves and autonomic nervous system, upper limb, including shoulder
D36.13	Benign neoplasm of peripheral nerves and autonomic nervous system of lower limb, including hip
D42.0	Neoplasm of uncertain behavior of cerebral meninges
D42.1	Neoplasm of uncertain behavior of spinal meninges
D42.9	Neoplasm of uncertain behavior of meninges, unspecified
D43.0	Neoplasm of uncertain behavior of brain, supratentorial
D43.1	Neoplasm of uncertain behavior of brain, infratentorial
D43.2	Neoplasm of uncertain behavior of brain, unspecified
D43.3	Neoplasm of uncertain behavior of cranial nerves
D43.4	Neoplasm of uncertain behavior of spinal cord
D43.8	Neoplasm of uncertain behavior of other specified parts of central nervous system
D43.9	Neoplasm of uncertain behavior of central nervous system, unspecified
D44.0	Neoplasm of uncertain behavior of thyroid gland
D44.2	Neoplasm of uncertain behavior of parathyroid gland
D44.3	Neoplasm of uncertain behavior of pituitary gland
D44.4	Neoplasm of uncertain behavior of craniopharyngeal duct

D44.5	Neoplasm of uncertain behavior of pineal gland
D44.6	Neoplasm of uncertain behavior of carotid body
D44.7	Neoplasm of uncertain behavior of aortic body and other paraganglia
D49.6	Neoplasm of unspecified behavior of brain
E04.0	Nontoxic diffuse goiter
E04.1	Nontoxic single thyroid nodule
E04.2	Nontoxic multinodular goiter
E04.8	Other specified nontoxic goiter
E04.9	Nontoxic goiter, unspecified
E05.00	Thyrotoxicosis with diffuse goiter without thyrotoxic crisis or storm
E05.01	Thyrotoxicosis with diffuse goiter with thyrotoxic crisis or storm
E05.10	Thyrotoxicosis with toxic single thyroid nodule without thyrotoxic crisis or storm
E05.11	Thyrotoxicosis with toxic single thyroid nodule with thyrotoxic crisis or storm
E05.20	Thyrotoxicosis with toxic multinodular goiter without thyrotoxic crisis or storm
E05.21	Thyrotoxicosis with toxic multinodular goiter with thyrotoxic crisis or storm
E05.30	Thyrotoxicosis from ectopic thyroid tissue without thyrotoxic crisis or storm
E05.31	Thyrotoxicosis from ectopic thyroid tissue with thyrotoxic crisis or storm
E05.40	Thyrotoxicosis factitia without thyrotoxic crisis or storm
E05.41	Thyrotoxicosis factitia with thyrotoxic crisis or storm
E05.80	Other thyrotoxicosis without thyrotoxic crisis or storm
E05.81	Other thyrotoxicosis with thyrotoxic crisis or storm
E05.90	Thyrotoxicosis, unspecified without thyrotoxic crisis or storm
E05.91	Thyrotoxicosis, unspecified with thyrotoxic crisis or storm
E07.9	Disorder of thyroid, unspecified
E21.0	Primary hyperparathyroidism
E21.1	Secondary hyperparathyroidism, not elsewhere classified
E21.2	Other hyperparathyroidism
E21.3	Hyperparathyroidism, unspecified
E21.4	Other specified disorders of parathyroid gland
E21.5	Disorder of parathyroid gland, unspecified
G06.1	Intraspinal abscess and granuloma
G10	Huntington's disease
G24.01	Drug induced subacute dyskinesia
G24.02	Drug induced acute dystonia
G24.09	Other drug induced dystonia
G24.1	Genetic torsion dystonia
G24.2	Idiopathic nonfamilial dystonia
G24.3	Spasmodic torticollis
G24.4	Idiopathic orofacial dystonia
G24.5	Blepharospasm
G24.8	Other dystonia
G24.9	Dystonia, unspecified
G25.0	Essential tremor

G25.1	Drug-induced tremor
G25.2	Other specified forms of tremor
G25.5	Other chorea
G25.70	Drug induced movement disorder, unspecified
G25.71	Drug induced akathisia
G25.79	Other drug induced movement disorders
G25.89	Other specified extrapyramidal and movement disorders
G25.9	Extrapyramidal and movement disorder, unspecified
G26	Extrapyramidal and movement disorders in diseases classified elsewhere
G40.111	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus
G40.119	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus
G40.211	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, with status epilepticus
G40.219	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, without status epilepticus
G40.311	Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status epilepticus
G40.319	Generalized idiopathic epilepsy and epileptic syndromes, intractable, without status epilepticus
G40.411	Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus
G40.419	Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus
G40.803	Other epilepsy, intractable, with status epilepticus
G40.804	Other epilepsy, intractable, without status epilepticus
G45.0	Vertebro-basilar artery syndrome
G45.1	Carotid artery syndrome (hemispheric)
G45.2	Multiple and bilateral precerebral artery syndromes
G45.8	Other transient cerebral ischemic attacks and related syndromes
G45.9	Transient cerebral ischemic attack, unspecified
G46.0	Middle cerebral artery syndrome
G46.1	Anterior cerebral artery syndrome
G46.2	Posterior cerebral artery syndrome
G46.3	Brain stem stroke syndrome
G46.4	Cerebellar stroke syndrome
G50.0	Trigeminal neuralgia
G50.1	Atypical facial pain
G52.9	Cranial nerve disorder, unspecified
G53	Cranial nerve disorders in diseases classified elsewhere
G54.0	Brachial plexus disorders
G54.1	Lumbosacral plexus disorders
G54.2	Cervical root disorders, not elsewhere classified
G54.3	Thoracic root disorders, not elsewhere classified
G54.4	Lumbosacral root disorders, not elsewhere classified
G80.4	Ataxic cerebral palsy
G80.8	Other cerebral palsy
G80.9	Cerebral palsy, unspecified

G83.4	Cauda equina syndrome
G93.42	Megaloencephalic leukoencephalopathy with subcortical cysts
G93.43	Leukoencephalopathy with calcifications and cysts
G93.44	Adult-onset leukodystrophy with axonal spheroids
G93.5	Compression of brain
G95.0	Syringomyelia and syringobulbia
G95.19	Other vascular myelopathies
G95.20	Unspecified cord compression
G95.29	Other cord compression
G95.89	Other specified diseases of spinal cord
H71.01	Cholesteatoma of attic, right ear
H71.02	Cholesteatoma of attic, left ear
H71.03	Cholesteatoma of attic, bilateral
H71.11	Cholesteatoma of tympanum, right ear
H71.12	Cholesteatoma of tympanum, left ear
H71.13	Cholesteatoma of tympanum, bilateral
H71.21	Cholesteatoma of mastoid, right ear
H71.22	Cholesteatoma of mastoid, left ear
H71.23	Cholesteatoma of mastoid, bilateral
H71.31	Diffuse cholesteatosis, right ear
H71.32	Diffuse cholesteatosis, left ear
H71.33	Diffuse cholesteatosis, bilateral
H71.91	Unspecified cholesteatoma, right ear
H71.92	Unspecified cholesteatoma, left ear
H71.93	Unspecified cholesteatoma, bilateral
H74.41	Polyp of right middle ear
H74.42	Polyp of left middle ear
H74.43	Polyp of middle ear, bilateral
H81.01	Meniere's disease, right ear
H81.02	Meniere's disease, left ear
H81.03	Meniere's disease, bilateral
H81.4	Vertigo of central origin
H83.11	Labyrinthine fistula, right ear
H83.12	Labyrinthine fistula, left ear
H83.13	Labyrinthine fistula, bilateral
I46.8	Cardiac arrest due to other underlying condition
I46.9	Cardiac arrest, cause unspecified
I60.01	Nontraumatic subarachnoid hemorrhage from right carotid siphon and bifurcation
I60.02	Nontraumatic subarachnoid hemorrhage from left carotid siphon and bifurcation
I60.11	Nontraumatic subarachnoid hemorrhage from right middle cerebral artery
I60.12	Nontraumatic subarachnoid hemorrhage from left middle cerebral artery
I60.2	Nontraumatic subarachnoid hemorrhage from anterior communicating artery
I60.31	Nontraumatic subarachnoid hemorrhage from right posterior communicating artery

I60.32	Nontraumatic subarachnoid hemorrhage from left posterior communicating artery
I60.4	Nontraumatic subarachnoid hemorrhage from basilar artery
I60.51	Nontraumatic subarachnoid hemorrhage from right vertebral artery
I60.52	Nontraumatic subarachnoid hemorrhage from left vertebral artery
I60.6	Nontraumatic subarachnoid hemorrhage from other intracranial arteries
I60.7	Nontraumatic subarachnoid hemorrhage from unspecified intracranial artery
I60.8	Other nontraumatic subarachnoid hemorrhage
I60.9	Nontraumatic subarachnoid hemorrhage, unspecified
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical
I61.2	Nontraumatic intracerebral hemorrhage in hemisphere, unspecified
I61.3	Nontraumatic intracerebral hemorrhage in brain stem
I61.4	Nontraumatic intracerebral hemorrhage in cerebellum
I61.5	Nontraumatic intracerebral hemorrhage, intraventricular
I61.6	Nontraumatic intracerebral hemorrhage, multiple localized
I61.8	Other nontraumatic intracerebral hemorrhage
I61.9	Nontraumatic intracerebral hemorrhage, unspecified
I62.00	Nontraumatic subdural hemorrhage, unspecified
I62.01	Nontraumatic acute subdural hemorrhage
I62.02	Nontraumatic subacute subdural hemorrhage
I62.03	Nontraumatic chronic subdural hemorrhage
I62.1	Nontraumatic extradural hemorrhage
I62.9	Nontraumatic intracranial hemorrhage, unspecified
I63.00	Cerebral infarction due to thrombosis of unspecified precerebral artery
I63.011	Cerebral infarction due to thrombosis of right vertebral artery
I63.012	Cerebral infarction due to thrombosis of left vertebral artery
I63.013	Cerebral infarction due to thrombosis of bilateral vertebral arteries
I63.019	Cerebral infarction due to thrombosis of unspecified vertebral artery
I63.02	Cerebral infarction due to thrombosis of basilar artery
I63.031	Cerebral infarction due to thrombosis of right carotid artery
I63.032	Cerebral infarction due to thrombosis of left carotid artery
I63.033	Cerebral infarction due to thrombosis of bilateral carotid arteries
I63.039	Cerebral infarction due to thrombosis of unspecified carotid artery
I63.09	Cerebral infarction due to thrombosis of other precerebral artery
I63.10	Cerebral infarction due to embolism of unspecified precerebral artery
I63.111	Cerebral infarction due to embolism of right vertebral artery
I63.112	Cerebral infarction due to embolism of left vertebral artery
I63.113	Cerebral infarction due to embolism of bilateral vertebral arteries
I63.12	Cerebral infarction due to embolism of basilar artery
I63.131	Cerebral infarction due to embolism of right carotid artery
I63.132	Cerebral infarction due to embolism of left carotid artery
I63.133	Cerebral infarction due to embolism of bilateral carotid arteries
I63.19	Cerebral infarction due to embolism of other precerebral artery

I63.20	Cerebral infarction due to unspecified occlusion or stenosis of unspecified precerebral arteries
I63.211	Cerebral infarction due to unspecified occlusion or stenosis of right vertebral artery
I63.212	Cerebral infarction due to unspecified occlusion or stenosis of left vertebral artery
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries
I63.219	Cerebral infarction due to unspecified occlusion or stenosis of unspecified vertebral artery
I63.22	Cerebral infarction due to unspecified occlusion or stenosis of basilar artery
I63.231	Cerebral infarction due to unspecified occlusion or stenosis of right carotid arteries
I63.232	Cerebral infarction due to unspecified occlusion or stenosis of left carotid arteries
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries
I63.239	Cerebral infarction due to unspecified occlusion or stenosis of unspecified carotid artery
I63.29	Cerebral infarction due to unspecified occlusion or stenosis of other precerebral arteries
I63.30	Cerebral infarction due to thrombosis of unspecified cerebral artery
I63.311	Cerebral infarction due to thrombosis of right middle cerebral artery
I63.312	Cerebral infarction due to thrombosis of left middle cerebral artery
I63.313	Cerebral infarction due to thrombosis of bilateral middle cerebral arteries
I63.319	Cerebral infarction due to thrombosis of unspecified middle cerebral artery
I63.321	Cerebral infarction due to thrombosis of right anterior cerebral artery
I63.322	Cerebral infarction due to thrombosis of left anterior cerebral artery
I63.323	Cerebral infarction due to thrombosis of bilateral anterior cerebral arteries
I63.329	Cerebral infarction due to thrombosis of unspecified anterior cerebral artery
I63.331	Cerebral infarction due to thrombosis of right posterior cerebral artery
I63.332	Cerebral infarction due to thrombosis of left posterior cerebral artery
I63.333	Cerebral infarction due to thrombosis of bilateral posterior cerebral arteries
I63.339	Cerebral infarction due to thrombosis of unspecified posterior cerebral artery
I63.341	Cerebral infarction due to thrombosis of right cerebellar artery
I63.342	Cerebral infarction due to thrombosis of left cerebellar artery
I63.343	Cerebral infarction due to thrombosis of bilateral cerebellar arteries
I63.349	Cerebral infarction due to thrombosis of unspecified cerebellar artery
I63.39	Cerebral infarction due to thrombosis of other cerebral artery
I63.40	Cerebral infarction due to embolism of unspecified cerebral artery
I63.411	Cerebral infarction due to embolism of right middle cerebral artery
I63.412	Cerebral infarction due to embolism of left middle cerebral artery
I63.413	Cerebral infarction due to embolism of bilateral middle cerebral arteries
I63.419	Cerebral infarction due to embolism of unspecified middle cerebral artery
I63.421	Cerebral infarction due to embolism of right anterior cerebral artery
I63.422	Cerebral infarction due to embolism of left anterior cerebral artery
I63.423	Cerebral infarction due to embolism of bilateral anterior cerebral arteries
I63.429	Cerebral infarction due to embolism of unspecified anterior cerebral artery
I63.431	Cerebral infarction due to embolism of right posterior cerebral artery
I63.432	Cerebral infarction due to embolism of left posterior cerebral artery
I63.433	Cerebral infarction due to embolism of bilateral posterior cerebral arteries
I63.439	Cerebral infarction due to embolism of unspecified posterior cerebral artery
I63.441	Cerebral infarction due to embolism of right cerebellar artery

I63.442	Cerebral infarction due to embolism of left cerebellar artery
I63.443	Cerebral infarction due to embolism of bilateral cerebellar arteries
I63.449	Cerebral infarction due to embolism of unspecified cerebellar artery
I63.49	Cerebral infarction due to embolism of other cerebral artery
I63.50	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebral artery
I63.511	Cerebral infarction due to unspecified occlusion or stenosis of right middle cerebral artery
I63.512	Cerebral infarction due to unspecified occlusion or stenosis of left middle cerebral artery
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries
I63.519	Cerebral infarction due to unspecified occlusion or stenosis of unspecified middle cerebral artery
I63.521	Cerebral infarction due to unspecified occlusion or stenosis of right anterior cerebral artery
I63.522	Cerebral infarction due to unspecified occlusion or stenosis of left anterior cerebral artery
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries
I63.529	Cerebral infarction due to unspecified occlusion or stenosis of unspecified anterior cerebral artery
I63.531	Cerebral infarction due to unspecified occlusion or stenosis of right posterior cerebral artery
I63.532	Cerebral infarction due to unspecified occlusion or stenosis of left posterior cerebral artery
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries
I63.539	Cerebral infarction due to unspecified occlusion or stenosis of unspecified posterior cerebral artery
I63.541	Cerebral infarction due to unspecified occlusion or stenosis of right cerebellar artery
I63.542	Cerebral infarction due to unspecified occlusion or stenosis of left cerebellar artery
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries
I63.549	Cerebral infarction due to unspecified occlusion or stenosis of unspecified cerebellar artery
I63.59	Cerebral infarction due to unspecified occlusion or stenosis of other cerebral artery
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic
I63.81	Other cerebral infarction due to occlusion or stenosis of small artery
I63.89	Other cerebral infarction
I63.9	Cerebral infarction, unspecified
I65.01	Occlusion and stenosis of right vertebral artery
I65.02	Occlusion and stenosis of left vertebral artery
I65.03	Occlusion and stenosis of bilateral vertebral arteries
I65.09	Occlusion and stenosis of unspecified vertebral artery
I65.1	Occlusion and stenosis of basilar artery
I65.21	Occlusion and stenosis of right carotid artery
I65.22	Occlusion and stenosis of left carotid artery
I65.23	Occlusion and stenosis of bilateral carotid arteries
I65.8	Occlusion and stenosis of other precerebral arteries
I65.9	Occlusion and stenosis of unspecified precerebral artery
I66.01	Occlusion and stenosis of right middle cerebral artery
I66.02	Occlusion and stenosis of left middle cerebral artery
I66.03	Occlusion and stenosis of bilateral middle cerebral arteries
I66.09	Occlusion and stenosis of unspecified middle cerebral artery
I66.11	Occlusion and stenosis of right anterior cerebral artery
I66.12	Occlusion and stenosis of left anterior cerebral artery
I66.13	Occlusion and stenosis of bilateral anterior cerebral arteries

I66.21	Occlusion and stenosis of right posterior cerebral artery
I66.22	Occlusion and stenosis of left posterior cerebral artery
I66.23	Occlusion and stenosis of bilateral posterior cerebral arteries
I66.3	Occlusion and stenosis of cerebellar arteries
I66.8	Occlusion and stenosis of other cerebral arteries
I67.0	Dissection of cerebral arteries, nonruptured
I67.1	Cerebral aneurysm, nonruptured
I67.2	Cerebral atherosclerosis
I67.5	Moyamoya disease
I67.841	Reversible cerebrovascular vasoconstriction syndrome
I67.848	Other cerebrovascular vasospasm and vasoconstriction
I71.00	Dissection of unspecified site of aorta
I71.010	Dissection of ascending aorta
I71.011	Dissection of aortic arch
I71.012	Dissection of descending thoracic aorta
I71.02	Dissection of abdominal aorta
I71.03	Dissection of thoracoabdominal aorta
I71.11	Aneurysm of the ascending aorta, ruptured
I71.12	Aneurysm of the aortic arch, ruptured
I71.13	Aneurysm of the descending thoracic aorta, ruptured
I71.21	Aneurysm of the ascending aorta, without rupture
I71.22	Aneurysm of the aortic arch, without rupture
I71.23	Aneurysm of the descending thoracic aorta, without rupture
I71.31	Pararenal abdominal aortic aneurysm, ruptured
I71.32	Juxtarenal abdominal aortic aneurysm, ruptured
I71.33	Infrarenal abdominal aortic aneurysm, ruptured
I71.41	Pararenal abdominal aortic aneurysm, without rupture
I71.42	Juxtarenal abdominal aortic aneurysm, without rupture
I71.43	Infrarenal abdominal aortic aneurysm, without rupture
I71.51	Supraceliac aneurysm of the thoracoabdominal aorta, ruptured
I71.52	Paravisceral aneurysm of the thoracoabdominal aorta, ruptured
I71.61	Supraceliac aneurysm of the thoracoabdominal aorta, without rupture
I71.62	Paravisceral aneurysm of the thoracoabdominal aorta, without rupture
I71.8	Aortic aneurysm of unspecified site, ruptured
I71.9	Aortic aneurysm of unspecified site, without rupture
I77.71	Dissection of carotid artery
I77.74	Dissection of vertebral artery
I77.75	Dissection of other precerebral arteries
I77.79	Dissection of other specified artery
I79.0	Aneurysm of aorta in diseases classified elsewhere
M21.751	Unequal limb length (acquired), right femur
M21.752	Unequal limb length (acquired), left femur
M21.761	Unequal limb length (acquired), right tibia

M21.762	Unequal limb length (acquired), left tibia
M21.763	Unequal limb length (acquired), right fibula
M21.764	Unequal limb length (acquired), left fibula
M40.03	Postural kyphosis, cervicothoracic region
M40.04	Postural kyphosis, thoracic region
M40.05	Postural kyphosis, thoracolumbar region
M40.12	Other secondary kyphosis, cervical region
M40.13	Other secondary kyphosis, cervicothoracic region
M40.14	Other secondary kyphosis, thoracic region
M40.15	Other secondary kyphosis, thoracolumbar region
M40.202	Unspecified kyphosis, cervical region
M40.203	Unspecified kyphosis, cervicothoracic region
M40.204	Unspecified kyphosis, thoracic region
M40.205	Unspecified kyphosis, thoracolumbar region
M40.292	Other kyphosis, cervical region
M40.293	Other kyphosis, cervicothoracic region
M40.294	Other kyphosis, thoracic region
M40.295	Other kyphosis, thoracolumbar region
M40.35	Flatback syndrome, thoracolumbar region
M40.36	Flatback syndrome, lumbar region
M40.37	Flatback syndrome, lumbosacral region
M40.45	Postural lordosis, thoracolumbar region
M40.46	Postural lordosis, lumbar region
M40.47	Postural lordosis, lumbosacral region
M40.55	Lordosis, unspecified, thoracolumbar region
M40.56	Lordosis, unspecified, lumbar region
M40.57	Lordosis, unspecified, lumbosacral region
M41.02	Infantile idiopathic scoliosis, cervical region
M41.03	Infantile idiopathic scoliosis, cervicothoracic region
M41.04	Infantile idiopathic scoliosis, thoracic region
M41.05	Infantile idiopathic scoliosis, thoracolumbar region
M41.06	Infantile idiopathic scoliosis, lumbar region
M41.07	Infantile idiopathic scoliosis, lumbosacral region
M41.08	Infantile idiopathic scoliosis, sacral and sacrococcygeal region
M41.112	Juvenile idiopathic scoliosis, cervical region
M41.113	Juvenile idiopathic scoliosis, cervicothoracic region
M41.114	Juvenile idiopathic scoliosis, thoracic region
M41.115	Juvenile idiopathic scoliosis, thoracolumbar region
M41.116	Juvenile idiopathic scoliosis, lumbar region
M41.117	Juvenile idiopathic scoliosis, lumbosacral region
M41.122	Adolescent idiopathic scoliosis, cervical region
M41.123	Adolescent idiopathic scoliosis, cervicothoracic region
M41.124	Adolescent idiopathic scoliosis, thoracic region

M41.125	Adolescent idiopathic scoliosis, thoracolumbar region
M41.126	Adolescent idiopathic scoliosis, lumbar region
M41.127	Adolescent idiopathic scoliosis, lumbosacral region
M41.22	Other idiopathic scoliosis, cervical region
M41.23	Other idiopathic scoliosis, cervicothoracic region
M41.24	Other idiopathic scoliosis, thoracic region
M41.25	Other idiopathic scoliosis, thoracolumbar region
M41.26	Other idiopathic scoliosis, lumbar region
M41.27	Other idiopathic scoliosis, lumbosacral region
M41.34	Thoracogenic scoliosis, thoracic region
M41.35	Thoracogenic scoliosis, thoracolumbar region
M41.41	Neuromuscular scoliosis, occipito-atlanto-axial region
M41.42	Neuromuscular scoliosis, cervical region
M41.43	Neuromuscular scoliosis, cervicothoracic region
M41.44	Neuromuscular scoliosis, thoracic region
M41.45	Neuromuscular scoliosis, thoracolumbar region
M41.46	Neuromuscular scoliosis, lumbar region
M41.47	Neuromuscular scoliosis, lumbosacral region
M41.52	Other secondary scoliosis, cervical region
M41.53	Other secondary scoliosis, cervicothoracic region
M41.54	Other secondary scoliosis, thoracic region
M41.55	Other secondary scoliosis, thoracolumbar region
M41.56	Other secondary scoliosis, lumbar region
M41.57	Other secondary scoliosis, lumbosacral region
M41.82	Other forms of scoliosis, cervical region
M41.83	Other forms of scoliosis, cervicothoracic region
M41.84	Other forms of scoliosis, thoracic region
M41.85	Other forms of scoliosis, thoracolumbar region
M41.86	Other forms of scoliosis, lumbar region
M41.87	Other forms of scoliosis, lumbosacral region
M41.9	Scoliosis, unspecified
M43.01	Spondylolysis, occipito-atlanto-axial region
M43.02	Spondylolysis, cervical region
M43.03	Spondylolysis, cervicothoracic region
M43.04	Spondylolysis, thoracic region
M43.05	Spondylolysis, thoracolumbar region
M43.06	Spondylolysis, lumbar region
M43.07	Spondylolysis, lumbosacral region
M43.08	Spondylolysis, sacral and sacrococcygeal region
M43.09	Spondylolysis, multiple sites in spine
M43.11	Spondylolisthesis, occipito-atlanto-axial region
M43.12	Spondylolisthesis, cervical region
M43.13	Spondylolisthesis, cervicothoracic region

M43.14	Spondylolisthesis, thoracic region
M43.15	Spondylolisthesis, thoracolumbar region
M43.16	Spondylolisthesis, lumbar region
M43.17	Spondylolisthesis, lumbosacral region
M43.18	Spondylolisthesis, sacral and sacrococcygeal region
M43.19	Spondylolisthesis, multiple sites in spine
M43.8X1	Other specified deforming dorsopathies, occipito-atlanto-axial region
M43.8X2	Other specified deforming dorsopathies, cervical region
M43.8X3	Other specified deforming dorsopathies, cervicothoracic region
M43.8X4	Other specified deforming dorsopathies, thoracic region
M43.8X5	Other specified deforming dorsopathies, thoracolumbar region
M43.8X6	Other specified deforming dorsopathies, lumbar region
M43.8X7	Other specified deforming dorsopathies, lumbosacral region
M43.8X8	Other specified deforming dorsopathies, sacral and sacrococcygeal region
M47.011	Anterior spinal artery compression syndromes, occipito-atlanto-axial region
M47.012	Anterior spinal artery compression syndromes, cervical region
M47.013	Anterior spinal artery compression syndromes, cervicothoracic region
M47.014	Anterior spinal artery compression syndromes, thoracic region
M47.015	Anterior spinal artery compression syndromes, thoracolumbar region
M47.016	Anterior spinal artery compression syndromes, lumbar region
M47.021	Vertebral artery compression syndromes, occipito-atlanto-axial region
M47.022	Vertebral artery compression syndromes, cervical region
M47.11	Other spondylosis with myelopathy, occipito-atlanto-axial region
M47.12	Other spondylosis with myelopathy, cervical region
M47.13	Other spondylosis with myelopathy, cervicothoracic region
M47.14	Other spondylosis with myelopathy, thoracic region
M47.15	Other spondylosis with myelopathy, thoracolumbar region
M47.16	Other spondylosis with myelopathy, lumbar region
M47.21	Other spondylosis with radiculopathy, occipito-atlanto-axial region
M47.22	Other spondylosis with radiculopathy, cervical region
M47.23	Other spondylosis with radiculopathy, cervicothoracic region
M47.24	Other spondylosis with radiculopathy, thoracic region
M47.25	Other spondylosis with radiculopathy, thoracolumbar region
M47.26	Other spondylosis with radiculopathy, lumbar region
M47.27	Other spondylosis with radiculopathy, lumbosacral region
M47.28	Other spondylosis with radiculopathy, sacral and sacrococcygeal region
M47.811	Spondylosis without myelopathy or radiculopathy, occipito-atlanto-axial region
M47.812	Spondylosis without myelopathy or radiculopathy, cervical region
M47.813	Spondylosis without myelopathy or radiculopathy, cervicothoracic region
M47.816	Spondylosis without myelopathy or radiculopathy, lumbar region
M47.817	Spondylosis without myelopathy or radiculopathy, lumbosacral region
M47.818	Spondylosis without myelopathy or radiculopathy, sacral and sacrococcygeal region
M47.891	Other spondylosis, occipito-atlanto-axial region

M47.892	Other spondylosis, cervical region
M47.893	Other spondylosis, cervicothoracic region
M47.896	Other spondylosis, thoracolumbar region
M47.897	Other spondylosis, lumbosacral region
M47.898	Other spondylosis, sacral and sacrococcygeal region
M48.01	Spinal stenosis, occipito-atlanto-axial region
M48.02	Spinal stenosis, cervical region
M48.03	Spinal stenosis, cervicothoracic region
M48.04	Spinal stenosis, thoracic region
M48.05	Spinal stenosis, thoracolumbar region
M48.061	Spinal stenosis, lumbar region without neurogenic claudication
M48.062	Spinal stenosis, lumbar region with neurogenic claudication
M48.07	Spinal stenosis, lumbosacral region
M48.08	Spinal stenosis, sacral and sacrococcygeal region
M50.01	Cervical disc disorder with myelopathy, high cervical region
M50.021	Cervical disc disorder at C4-C5 level with myelopathy
M50.022	Cervical disc disorder at C5-C6 level with myelopathy
M50.023	Cervical disc disorder at C6-C7 level with myelopathy
M50.03	Cervical disc disorder with myelopathy, cervicothoracic region
M50.11	Cervical disc disorder with radiculopathy, high cervical region
M50.121	Cervical disc disorder at C4-C5 level with radiculopathy
M50.122	Cervical disc disorder at C5-C6 level with radiculopathy
M50.123	Cervical disc disorder at C6-C7 level with radiculopathy
M50.13	Cervical disc disorder with radiculopathy, cervicothoracic region
M50.21	Other cervical disc displacement, high cervical region
M50.221	Other cervical disc displacement at C4-C5 level
M50.222	Other cervical disc displacement at C5-C6 level
M50.223	Other cervical disc displacement at C6-C7 level
M50.23	Other cervical disc displacement, cervicothoracic region
M50.31	Other cervical disc degeneration, high cervical region
M50.321	Other cervical disc degeneration at C4-C5 level
M50.322	Other cervical disc degeneration at C5-C6 level
M50.323	Other cervical disc degeneration at C6-C7 level
M50.33	Other cervical disc degeneration, cervicothoracic region
M50.81	Other cervical disc disorders, high cervical region
M50.821	Other cervical disc disorders at C4-C5 level
M50.822	Other cervical disc disorders at C5-C6 level
M50.823	Other cervical disc disorders at C6-C7 level
M50.83	Other cervical disc disorders, cervicothoracic region
M50.91	Cervical disc disorder, unspecified, high cervical region
M50.921	Unspecified cervical disc disorder at C4-C5 level
M50.922	Unspecified cervical disc disorder at C5-C6 level
M50.923	Unspecified cervical disc disorder at C6-C7 level

M50.93	Cervical disc disorder, unspecified, cervicothoracic region
M51.04	Intervertebral disc disorders with myelopathy, thoracic region
M51.05	Intervertebral disc disorders with myelopathy, thoracolumbar region
M51.06	Intervertebral disc disorders with myelopathy, lumbar region
M51.14	Intervertebral disc disorders with radiculopathy, thoracic region
M51.15	Intervertebral disc disorders with radiculopathy, thoracolumbar region
M51.16	Intervertebral disc disorders with radiculopathy, lumbar region
M51.17	Intervertebral disc disorders with radiculopathy, lumbosacral region
M51.24	Other intervertebral disc displacement, thoracic region
M51.25	Other intervertebral disc displacement, thoracolumbar region
M51.26	Other intervertebral disc displacement, lumbar region
M51.27	Other intervertebral disc displacement, lumbosacral region
M51.34	Other intervertebral disc degeneration, thoracic region
M51.35	Other intervertebral disc degeneration, thoracolumbar region
M51.36	Other intervertebral disc degeneration, lumbar region
M51.37	Other intervertebral disc degeneration, lumbosacral region
M51.84	Other intervertebral disc disorders, thoracic region
M51.85	Other intervertebral disc disorders, thoracolumbar region
M51.86	Other intervertebral disc disorders, lumbar region
M51.87	Other intervertebral disc disorders, lumbosacral region
M51.9	Unspecified thoracic, thoracolumbar and lumbosacral intervertebral disc disorder
M53.0	Cervicocranial syndrome
M53.1	Cervicobrachial syndrome
M54.11	Radiculopathy, occipito-atlanto-axial region
M54.12	Radiculopathy, cervical region
M54.13	Radiculopathy, cervicothoracic region
M54.14	Radiculopathy, thoracic region
M54.15	Radiculopathy, thoracolumbar region
M54.16	Radiculopathy, lumbar region
M54.17	Radiculopathy, lumbosacral region
M54.18	Radiculopathy, sacral and sacrococcygeal region
M54.2	Cervicalgia
M54.31	Sciatica, right side
M54.32	Sciatica, left side
M96.1	Postlaminectomy syndrome, not elsewhere classified
M96.2	Postradiation kyphosis
M96.3	Postlaminectomy kyphosis
M96.4	Postsurgical lordosis
M96.5	Postradiation scoliosis
M99.20	Subluxation stenosis of neural canal of head region
M99.21	Subluxation stenosis of neural canal of cervical region
M99.22	Subluxation stenosis of neural canal of thoracic region
M99.23	Subluxation stenosis of neural canal of lumbar region

M99.24	Subluxation stenosis of neural canal of sacral region
M99.25	Subluxation stenosis of neural canal of pelvic region
M99.26	Subluxation stenosis of neural canal of lower extremity
M99.27	Subluxation stenosis of neural canal of upper extremity
M99.28	Subluxation stenosis of neural canal of rib cage
M99.29	Subluxation stenosis of neural canal of abdomen and other regions
M99.30	Osseous stenosis of neural canal of head region
M99.31	Osseous stenosis of neural canal of cervical region
M99.32	Osseous stenosis of neural canal of thoracic region
M99.33	Osseous stenosis of neural canal of lumbar region
M99.34	Osseous stenosis of neural canal of sacral region
M99.35	Osseous stenosis of neural canal of pelvic region
M99.36	Osseous stenosis of neural canal of lower extremity
M99.37	Osseous stenosis of neural canal of upper extremity
M99.38	Osseous stenosis of neural canal of rib cage
M99.39	Osseous stenosis of neural canal of abdomen and other regions
M99.40	Connective tissue stenosis of neural canal of head region
M99.41	Connective tissue stenosis of neural canal of cervical region
M99.42	Connective tissue stenosis of neural canal of thoracic region
M99.43	Connective tissue stenosis of neural canal of lumbar region
M99.44	Connective tissue stenosis of neural canal of sacral region
M99.45	Connective tissue stenosis of neural canal of pelvic region
M99.46	Connective tissue stenosis of neural canal of lower extremity
M99.47	Connective tissue stenosis of neural canal of upper extremity
M99.48	Connective tissue stenosis of neural canal of rib cage
M99.49	Connective tissue stenosis of neural canal of abdomen and other regions
M99.50	Intervertebral disc stenosis of neural canal of head region
M99.51	Intervertebral disc stenosis of neural canal of cervical region
M99.52	Intervertebral disc stenosis of neural canal of thoracic region
M99.53	Intervertebral disc stenosis of neural canal of lumbar region
M99.54	Intervertebral disc stenosis of neural canal of sacral region
M99.55	Intervertebral disc stenosis of neural canal of pelvic region
M99.56	Intervertebral disc stenosis of neural canal of lower extremity
M99.57	Intervertebral disc stenosis of neural canal of upper extremity
M99.58	Intervertebral disc stenosis of neural canal of rib cage
M99.59	Intervertebral disc stenosis of neural canal of abdomen and other regions
M99.60	Osseous and subluxation stenosis of intervertebral foramina of head region
M99.61	Osseous and subluxation stenosis of intervertebral foramina of cervical region
M99.62	Osseous and subluxation stenosis of intervertebral foramina of thoracic region
M99.63	Osseous and subluxation stenosis of intervertebral foramina of lumbar region
M99.64	Osseous and subluxation stenosis of intervertebral foramina of sacral region
M99.65	Osseous and subluxation stenosis of intervertebral foramina of pelvic region
M99.66	Osseous and subluxation stenosis of intervertebral foramina of lower extremity

M99.67	Osseous and subluxation stenosis of intervertebral foramina of upper extremity
M99.68	Osseous and subluxation stenosis of intervertebral foramina of rib cage
M99.69	Osseous and subluxation stenosis of intervertebral foramina of abdomen and other regions
M99.70	Connective tissue and disc stenosis of intervertebral foramina of head region
M99.71	Connective tissue and disc stenosis of intervertebral foramina of cervical region
M99.72	Connective tissue and disc stenosis of intervertebral foramina of thoracic region
M99.73	Connective tissue and disc stenosis of intervertebral foramina of lumbar region
M99.74	Connective tissue and disc stenosis of intervertebral foramina of sacral region
M99.75	Connective tissue and disc stenosis of intervertebral foramina of pelvic region
M99.76	Connective tissue and disc stenosis of intervertebral foramina of lower extremity
M99.77	Connective tissue and disc stenosis of intervertebral foramina of upper extremity
M99.78	Connective tissue and disc stenosis of intervertebral foramina of rib cage
M99.79	Connective tissue and disc stenosis of intervertebral foramina of abdomen and other regions
P11.1	Other specified brain damage due to birth injury
P11.2	Unspecified brain damage due to birth injury
P11.3	Birth injury to facial nerve
P11.4	Birth injury to other cranial nerves
P11.5	Birth injury to spine and spinal cord
P14.0	Erb's paralysis due to birth injury
P14.1	Klumpke's paralysis due to birth injury
P14.2	Phrenic nerve paralysis due to birth injury
P14.3	Other brachial plexus birth injuries
P14.8	Birth injuries to other parts of peripheral nervous system
Q05.0	Cervical spina bifida with hydrocephalus
Q05.1	Thoracic spina bifida with hydrocephalus
Q05.2	Lumbar spina bifida with hydrocephalus
Q05.3	Sacral spina bifida with hydrocephalus
Q05.4	Unspecified spina bifida with hydrocephalus
Q05.5	Cervical spina bifida without hydrocephalus
Q05.6	Thoracic spina bifida without hydrocephalus
Q05.7	Lumbar spina bifida without hydrocephalus
Q05.8	Sacral spina bifida without hydrocephalus
Q06.8	Other specified congenital malformations of spinal cord
Q07.00	Other specified congenital malformations of spinal cord
Q07.01	Arnold-Chiari syndrome with spina bifida
Q07.02	Arnold-Chiari syndrome with hydrocephalus
Q07.03	Arnold-Chiari syndrome with spina bifida and hydrocephalus
Q25.72	Congenital pulmonary arteriovenous malformation
Q27.39	Arteriovenous malformation, other site
Q27.9	Congenital malformation of peripheral vascular system, unspecified
Q28.2	Arteriovenous malformation of cerebral vessels
Q28.3	Other malformations of cerebral vessels
Q77.8	Other osteochondrodysplasia with defects of growth of tubular bones and spine

Q77.9	Osteochondrodysplasia with defects of growth of tubular bones and spine, unspecified
Q85.00	Neurofibromatosis, unspecified
Q85.01	Neurofibromatosis, type 1
Q85.02	Neurofibromatosis, type 2
Q85.03	Schwannomatosis
Q85.09	Other neurofibromatosis
S06.1X0A	Traumatic cerebral edema without loss of consciousness, initial encounter
S06.1X0D	Traumatic cerebral edema without loss of consciousness, subsequent encounter
S06.1X0S	Traumatic cerebral edema without loss of consciousness, sequela
S06.1X1A	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, initial encounter
S06.1X1D	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, subsequent encounter
S06.1X1S	Traumatic cerebral edema with loss of consciousness of 30 minutes or less, sequela
S06.1X2A	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.1X2D	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.1X2S	Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.1X3A	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.1X3D	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.1X3S	Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.1X4A	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.1X4D	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.1X4S	Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, sequela
S06.1X5A	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.1X5D	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.1X5S	Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.1X6A	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06.1X6D	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.1X6S	Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.1X7A	Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.1X8A	Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.1X9A	Traumatic cerebral edema with loss of consciousness of unspecified duration, initial encounter
S06.1X9D	Traumatic cerebral edema with loss of consciousness of unspecified duration, subsequent encounter
S06.1X9S	Traumatic cerebral edema with loss of consciousness of unspecified duration, sequela
S06.2X0A	Diffuse traumatic brain injury without loss of consciousness, initial encounter
S06.2X0D	Diffuse traumatic brain injury without loss of consciousness, subsequent encounter
S06.2X0S	Diffuse traumatic brain injury without loss of consciousness, sequela
S06.2X1A	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter
S06.2X1D	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, subsequent encounter
S06.2X1S	Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, sequela
S06.2X2A	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter

S06.2X2D	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.2X2S	Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.2X3A	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.2X3D	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.2X3S	Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.2X4A	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.2X4D	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.2X4S	Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, sequela
S06.2X5A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter
S06.2X5D	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, subsequent encounter
S06.2X5S	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, sequela
S06.2X6A	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06.2X6D	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.2X6S	Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.2X7A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.2X8A	Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.2X9A	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, initial encounter
S06.2X9D	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, subsequent encounter
S06.2X9S	Diffuse traumatic brain injury with loss of consciousness of unspecified duration, sequela
S06.300A	Unspecified focal traumatic brain injury without loss of consciousness, initial encounter
S06.300D	Unspecified focal traumatic brain injury without loss of consciousness, subsequent encounter
S06.300S	Unspecified focal traumatic brain injury without loss of consciousness, sequela
S06.301A	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter
S06.301D	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, subsequent encounter
S06.301S	Unspecified focal traumatic brain injury with loss of consciousness of 30 minutes or less, sequela
S06.302A	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.302D	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.302S	Unspecified focal traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.303A	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.303D	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.303S	Unspecified focal traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.304A	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.304D	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.304S	Unspecified focal traumatic brain injury with loss of consciousness of 6 hours to 24 hours, sequela

S06.305A	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.305D	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.305S	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.306A	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
S06.306D	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.306S	Unspecified focal traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.307A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.308A	Unspecified focal traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.309A	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, initial encounter
S06.309D	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, subsequent encounter
S06.309S	Unspecified focal traumatic brain injury with loss of consciousness of unspecified duration, sequela
S06.310A	Contusion and laceration of right cerebrum without loss of consciousness, initial encounter
S06.310D	Contusion and laceration of right cerebrum without loss of consciousness, subsequent encounter
S06.310S	Contusion and laceration of right cerebrum without loss of consciousness, sequela
S06.311A	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter
S06.311D	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter
S06.311S	Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, sequela
S06.312A	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.312D	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.312S	Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.313A	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.313D	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.313S	Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.314A	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.314D	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.314S	Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, sequela
S06.315A	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.315D	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.315S	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.316A	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
S06.316D	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter

S06.316S	Contusion and laceration of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.317A	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
S06.318A	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
S06.319A	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter
S06.319D	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, subsequent encounter
S06.319S	Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, sequela
S06.320A	Contusion and laceration of left cerebrum without loss of consciousness, initial encounter
S06.320D	Contusion and laceration of left cerebrum without loss of consciousness, subsequent encounter
S06.320S	Contusion and laceration of left cerebrum without loss of consciousness, sequela
S06.321A	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter
S06.321D	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter
S06.321S	Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, sequela
S06.322A	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.322D	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.322S	Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.323A	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.323D	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.323S	Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.324A	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.324D	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.324S	Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, sequela
S06.325A	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.325D	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.325S	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.326A	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
S06.326D	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.326S	Contusion and laceration of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.327A	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
S06.328A	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
S06.329A	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter
S06.329D	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, subsequent encounter

S06.329S	Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, sequela
S06.330A	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter
S06.330D	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, subsequent encounter
S06.330S	Contusion and laceration of cerebrum, unspecified, without loss of consciousness, sequela
S06.331A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter
S06.331D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, subsequent encounter
S06.331S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, sequela
S06.332A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.332D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.332S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.333A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.333D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.333S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.334A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.334D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.334S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, sequela
S06.335A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.335D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.335S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.336A	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
S06.336D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.336S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.337A	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
S06.338A	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
S06.339A	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter
S06.339D	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, subsequent encounter
S06.339S	Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, sequela
S06.340A	Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter
S06.340D	Traumatic hemorrhage of right cerebrum without loss of consciousness, subsequent encounter
S06.340S	Traumatic hemorrhage of right cerebrum without loss of consciousness, sequela
S06.341A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter

S06.341D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter
S06.341S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, sequela
S06.342A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.342D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.342S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.343A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter
S06.343D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter
S06.343S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela
S06.344A	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.344D	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.344S	Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, sequela
S06.345A	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.345D	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.345S	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.346A	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
S06.346D	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.346S	Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.347A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.348A	Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.349A	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter
S06.349D	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, subsequent encounter
S06.349S	Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, sequela
S06.350A	Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter
S06.350D	Traumatic hemorrhage of left cerebrum without loss of consciousness, subsequent encounter
S06.350S	Traumatic hemorrhage of left cerebrum without loss of consciousness, sequela
S06.351A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter
S06.351D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, subsequent encounter
S06.351S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, sequela
S06.352A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.352D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.352S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.353A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter

S06.353D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter
S06.353S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela
S06.354A	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.354D	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.354S	Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, sequela
S06.355A	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.355D	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.355S	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.356A	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
S06.356D	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.356S	Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.357A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.358A	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.359A	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter
S06.359D	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, subsequent encounter
S06.359S	Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, sequela
S06.360A	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter
S06.360D	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, subsequent encounter
S06.360S	Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, sequela
S06.361A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter
S06.361D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, subsequent encounter
S06.361S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, sequela
S06.362A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.362D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.362S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.363A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter
S06.363D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, subsequent encounter
S06.363S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, sequela
S06.364A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.364D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.364S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, sequela

S06.365A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.365D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.365S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.366A	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
S06.366D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.366S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.367A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.368A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.369A	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter
S06.369D	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, subsequent encounter
S06.369S	Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, sequela
S06.370A	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter
S06.370D	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, subsequent encounter
S06.370S	Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, sequela
S06.371A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter
S06.371D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, subsequent encounter
S06.371S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, sequela
S06.372A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.372D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.372S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.373A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.373D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.373S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.374A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.374D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.374S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, sequela
S06.375A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.375D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.375S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela

S06.376A	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
S06.376D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.376S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.377A	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
S06.378A	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
S06.379A	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter
S06.379D	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, subsequent encounter
S06.379S	Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, sequela
S06.380A	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter
S06.380D	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, subsequent encounter
S06.380S	Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, sequela
S06.381A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter
S06.381D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, subsequent encounter
S06.381S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, sequela
S06.382A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.382D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.382S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.383A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.383D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.383S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.384A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.384D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.384S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, sequela
S06.385A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.385D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.385S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.386A	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
S06.386D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.386S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.387A	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

S06.388A	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
S06.389A	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter
S06.389D	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, subsequent encounter
S06.389S	Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, sequela
S06.4X0A	Epidural hemorrhage without loss of consciousness, initial encounter
S06.4X0D	Epidural hemorrhage without loss of consciousness, subsequent encounter
S06.4X0S	Epidural hemorrhage without loss of consciousness, sequela
S06.4X1A	Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
S06.4X1D	Epidural hemorrhage with loss of consciousness of 30 minutes or less, subsequent encounter
S06.4X1S	Epidural hemorrhage with loss of consciousness of 30 minutes or less, sequela
S06.4X2A	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.4X2D	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.4X2S	Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.4X3A	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.4X3D	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.4X3S	Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.4X4A	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.4X4D	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.4X4S	Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, sequela
S06.4X5A	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.4X5D	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.4X5S	Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.4X6A	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06.4X6D	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.4X6S	Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.4X7A	Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter
S06.4X9A	Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter
S06.4X9D	Epidural hemorrhage with loss of consciousness of unspecified duration, subsequent encounter
S06.4X9S	Epidural hemorrhage with loss of consciousness of unspecified duration, sequela
S06.5X0A	Traumatic subdural hemorrhage without loss of consciousness, initial encounter
S06.5X0D	Traumatic subdural hemorrhage without loss of consciousness, subsequent encounter
S06.5X0S	Traumatic subdural hemorrhage without loss of consciousness, sequela
S06.5X1A	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
S06.5X1D	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, subsequent encounter
S06.5X1S	Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, sequela
S06.5X2A	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter

S06.5X2D	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.5X2S	Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.5X3A	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.5X3D	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.5X3S	Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.5X4A	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.5X4D	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.5X4S	Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, sequela
S06.5X5A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.5X5D	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.5X5S	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.5X6A	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06.5X6D	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.5X6S	Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.5X7A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter
S06.5X8A	Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter
S06.5X9A	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter
S06.5X9D	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, subsequent encounter
S06.5X9S	Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, sequela
S06.6X0A	Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter
S06.6X0D	Traumatic subarachnoid hemorrhage without loss of consciousness, subsequent encounter
S06.6X0S	Traumatic subarachnoid hemorrhage without loss of consciousness, sequela
S06.6X1A	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter
S06.6X1D	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, subsequent encounter
S06.6X1S	Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, sequela
S06.6X2A	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.6X2D	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.6X2S	Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.6X3A	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.6X3D	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.6X3S	Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.6X4A	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.6X4D	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.6X4S	Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, sequela

S06.6X5A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.6X5D	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.6X5S	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.6X6A	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06.6X6D	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.6X6S	Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.6X7A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.6X8A	Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.6X9A	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter
S06.6X9D	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, subsequent encounter
S06.6X9S	Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, sequela
S06.890A	Other specified intracranial injury without loss of consciousness, initial encounter
S06.890D	Other specified intracranial injury without loss of consciousness, subsequent encounter
S06.890S	Other specified intracranial injury without loss of consciousness, sequela
S06.891A	Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter
S06.891D	Other specified intracranial injury with loss of consciousness of 30 minutes or less, subsequent encounter
S06.891S	Other specified intracranial injury with loss of consciousness of 30 minutes or less, sequela
S06.892A	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.892D	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.892S	Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.893A	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.893D	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.893S	Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.894A	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.894D	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.894S	Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, sequela
S06.895A	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.895D	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.895S	Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.896A	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06.896D	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.896S	Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.897A	Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter

S06.898A	Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.899A	Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter
S06.899D	Other specified intracranial injury with loss of consciousness of unspecified duration, subsequent encounter
S06.899S	Other specified intracranial injury with loss of consciousness of unspecified duration, sequela
S06.9X0A	Unspecified intracranial injury without loss of consciousness, initial encounter
S06.9X0D	Unspecified intracranial injury without loss of consciousness, subsequent encounter
S06.9X0S	Unspecified intracranial injury without loss of consciousness, sequela
S06.9X1A	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter
S06.9X1D	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, subsequent encounter
S06.9X1S	Unspecified intracranial injury with loss of consciousness of 30 minutes or less, sequela
S06.9X2A	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter
S06.9X2D	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, subsequent encounter
S06.9X2S	Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, sequela
S06.9X3A	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter
S06.9X3D	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, subsequent encounter
S06.9X3S	Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, sequela
S06.9X4A	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter
S06.9X4D	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, subsequent encounter
S06.9X4S	Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, sequela
S06.9X5A	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter
S06.9X5D	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, subsequent encounter
S06.9X5S	Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, sequela
S06.9X6A	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter
S06.9X6D	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, subsequent encounter
S06.9X6S	Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, sequela
S06.9X7A	Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter
S06.9X8A	Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.9X9A	Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter
S06.9X9D	Unspecified intracranial injury with loss of consciousness of unspecified duration, subsequent encounter
S06.9X9S	Unspecified intracranial injury with loss of consciousness of unspecified duration, sequela
S12.000A	Unspecified displaced fracture of first cervical vertebra, initial encounter for closed fracture
S12.000B	Unspecified displaced fracture of first cervical vertebra, initial encounter for open fracture
S12.000S	Unspecified displaced fracture of first cervical vertebra, sequela
S12.001A	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for closed fracture
S12.001B	Unspecified nondisplaced fracture of first cervical vertebra, initial encounter for open fracture

S12.001S	Unspecified nondisplaced fracture of first cervical vertebra, sequela
S12.01XS	Stable burst fracture of first cervical vertebra, sequela
S12.02XS	Unstable burst fracture of first cervical vertebra, sequela
S12.030S	Displaced posterior arch fracture of first cervical vertebra, sequela
S12.031S	Nondisplaced posterior arch fracture of first cervical vertebra, sequela
S12.040S	Displaced lateral mass fracture of first cervical vertebra, sequela
S12.041S	Nondisplaced lateral mass fracture of first cervical vertebra, sequela
S12.090S	Other displaced fracture of first cervical vertebra, sequela
S12.091S	Other nondisplaced fracture of first cervical vertebra, sequela
S12.100A	Unspecified displaced fracture of second cervical vertebra, initial encounter for closed fracture
S12.100B	Unspecified displaced fracture of second cervical vertebra, initial encounter for open fracture
S12.100S	Unspecified displaced fracture of second cervical vertebra, sequela
S12.101A	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture
S12.101B	Unspecified nondisplaced fracture of second cervical vertebra, initial encounter for open fracture
S12.101S	Unspecified nondisplaced fracture of second cervical vertebra, sequela
S12.110A	Anterior displaced Type II dens fracture, initial encounter for closed fracture
S12.110B	Anterior displaced Type II dens fracture, initial encounter for open fracture
S12.110S	Anterior displaced Type II dens fracture, sequela
S12.111A	Posterior displaced Type II dens fracture, initial encounter for closed fracture
S12.111B	Posterior displaced Type II dens fracture, initial encounter for open fracture
S12.111S	Posterior displaced Type II dens fracture, sequela
S12.112A	Nondisplaced Type II dens fracture, initial encounter for closed fracture
S12.112B	Nondisplaced Type II dens fracture, initial encounter for open fracture
S12.112S	Nondisplaced Type II dens fracture, sequela
S12.120A	Other displaced dens fracture, initial encounter for closed fracture
S12.120B	Other displaced dens fracture, initial encounter for open fracture
S12.120S	Other displaced dens fracture, sequela
S12.130A	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
S12.130B	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture
S12.130S	Unspecified traumatic displaced spondylolisthesis of second cervical vertebra, sequela
S12.131A	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
S12.131B	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture
S12.131S	Unspecified traumatic nondisplaced spondylolisthesis of second cervical vertebra, sequela
S12.14XA	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
S12.14XB	Type III traumatic spondylolisthesis of second cervical vertebra, initial encounter for open fracture
S12.14XS	Type III traumatic spondylolisthesis of second cervical vertebra, sequela
S12.150A	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture
S12.150B	Other traumatic displaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture
S12.150S	Other traumatic displaced spondylolisthesis of second cervical vertebra, sequela
S12.151A	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for closed fracture

S12.151B	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, initial encounter for open fracture
S12.151S	Other traumatic nondisplaced spondylolisthesis of second cervical vertebra, sequela
S12.190A	Other displaced fracture of second cervical vertebra, initial encounter for closed fracture
S12.190B	Other displaced fracture of second cervical vertebra, initial encounter for open fracture
S12.190S	Other displaced fracture of second cervical vertebra, sequela
S12.191A	Other nondisplaced fracture of second cervical vertebra, initial encounter for closed fracture
S12.191B	Other nondisplaced fracture of second cervical vertebra, initial encounter for open fracture
S12.191S	Other nondisplaced fracture of second cervical vertebra, sequela
S12.200A	Unspecified displaced fracture of third cervical vertebra, initial encounter for closed fracture
S12.200B	Unspecified displaced fracture of third cervical vertebra, initial encounter for open fracture
S12.200S	Unspecified displaced fracture of third cervical vertebra, sequela
S12.201A	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture
S12.201B	Unspecified nondisplaced fracture of third cervical vertebra, initial encounter for open fracture
S12.201S	Unspecified nondisplaced fracture of third cervical vertebra, sequela
S12.230A	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
S12.230B	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture
S12.230S	Unspecified traumatic displaced spondylolisthesis of third cervical vertebra, sequela
S12.231A	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
S12.231B	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture
S12.231S	Unspecified traumatic nondisplaced spondylolisthesis of third cervical vertebra, sequela
S12.24XA	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
S12.24XB	Type III traumatic spondylolisthesis of third cervical vertebra, initial encounter for open fracture
S12.24XS	Type III traumatic spondylolisthesis of third cervical vertebra, sequela
S12.250A	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
S12.250B	Other traumatic displaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture
S12.250S	Other traumatic displaced spondylolisthesis of third cervical vertebra, sequela
S12.251A	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for closed fracture
S12.251B	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, initial encounter for open fracture
S12.251S	Other traumatic nondisplaced spondylolisthesis of third cervical vertebra, sequela
S12.290A	Other displaced fracture of third cervical vertebra, initial encounter for closed fracture
S12.290B	Other displaced fracture of third cervical vertebra, initial encounter for open fracture
S12.290S	Other displaced fracture of third cervical vertebra, sequela
S12.291A	Other nondisplaced fracture of third cervical vertebra, initial encounter for closed fracture
S12.291B	Other nondisplaced fracture of third cervical vertebra, initial encounter for open fracture
S12.291S	Other nondisplaced fracture of third cervical vertebra, sequela
S12.300A	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for closed fracture

S12.300B	Unspecified displaced fracture of fourth cervical vertebra, initial encounter for open fracture
S12.300S	Unspecified displaced fracture of fourth cervical vertebra, sequela
S12.301A	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture
S12.301B	Unspecified nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture
S12.301S	Unspecified nondisplaced fracture of fourth cervical vertebra, sequela
S12.330A	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
S12.330B	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
S12.330S	Unspecified traumatic displaced spondylolisthesis of fourth cervical vertebra, sequela
S12.331A	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
S12.331B	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
S12.331S	Unspecified traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, sequela
S12.34XA	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
S12.34XB	Type III traumatic spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
S12.34XS	Type III traumatic spondylolisthesis of fourth cervical vertebra, sequela
S12.350A	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
S12.350B	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
S12.350S	Other traumatic displaced spondylolisthesis of fourth cervical vertebra, sequela
S12.351A	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for closed fracture
S12.351B	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, initial encounter for open fracture
S12.351S	Other traumatic nondisplaced spondylolisthesis of fourth cervical vertebra, sequela
S12.390A	Other displaced fracture of fourth cervical vertebra, initial encounter for closed fracture
S12.390B	Other displaced fracture of fourth cervical vertebra, initial encounter for open fracture
S12.390S	Other displaced fracture of fourth cervical vertebra, sequela
S12.391A	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for closed fracture
S12.391B	Other nondisplaced fracture of fourth cervical vertebra, initial encounter for open fracture
S12.391S	Other nondisplaced fracture of fourth cervical vertebra, sequela
S12.400A	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for closed fracture
S12.400B	Unspecified displaced fracture of fifth cervical vertebra, initial encounter for open fracture
S12.400S	Unspecified displaced fracture of fifth cervical vertebra, sequela
S12.401A	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture
S12.401B	Unspecified nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture
S12.401S	Unspecified nondisplaced fracture of fifth cervical vertebra, sequela
S12.430A	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
S12.430B	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
S12.430S	Unspecified traumatic displaced spondylolisthesis of fifth cervical vertebra, sequela
S12.431A	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture

S12.431B	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
S12.431S	Unspecified traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, sequela
S12.44XA	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
S12.44XB	Type III traumatic spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
S12.44XS	Type III traumatic spondylolisthesis of fifth cervical vertebra, sequela
S12.450A	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
S12.450B	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
S12.450S	Other traumatic displaced spondylolisthesis of fifth cervical vertebra, sequela
S12.451A	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for closed fracture
S12.451B	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, initial encounter for open fracture
S12.451S	Other traumatic nondisplaced spondylolisthesis of fifth cervical vertebra, sequela
S12.490A	Other displaced fracture of fifth cervical vertebra, initial encounter for closed fracture
S12.490B	Other displaced fracture of fifth cervical vertebra, initial encounter for open fracture
S12.490S	Other displaced fracture of fifth cervical vertebra, sequela
S12.491A	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for closed fracture
S12.491B	Other nondisplaced fracture of fifth cervical vertebra, initial encounter for open fracture
S12.491S	Other nondisplaced fracture of fifth cervical vertebra, sequela
S12.500A	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for closed fracture
S12.500B	Unspecified displaced fracture of sixth cervical vertebra, initial encounter for open fracture
S12.500S	Unspecified displaced fracture of sixth cervical vertebra, sequela
S12.501A	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture
S12.501B	Unspecified nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture
S12.501S	Unspecified nondisplaced fracture of sixth cervical vertebra, sequela
S12.530A	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
S12.530B	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
S12.530S	Unspecified traumatic displaced spondylolisthesis of sixth cervical vertebra, sequela
S12.531A	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
S12.531B	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
S12.531S	Unspecified traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, sequela
S12.54XA	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
S12.54XB	Type III traumatic spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
S12.54XS	Type III traumatic spondylolisthesis of sixth cervical vertebra, sequela
S12.550A	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
S12.550B	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
S12.550S	Other traumatic displaced spondylolisthesis of sixth cervical vertebra, sequela
S12.551A	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for closed fracture
S12.551B	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, initial encounter for open fracture
S12.551S	Other traumatic nondisplaced spondylolisthesis of sixth cervical vertebra, sequela
S12.590A	Other displaced fracture of sixth cervical vertebra, initial encounter for closed fracture

S12.590B	Other displaced fracture of sixth cervical vertebra, initial encounter for open fracture
S12.590S	Other displaced fracture of sixth cervical vertebra, sequela
S12.591A	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for closed fracture
S12.591B	Other nondisplaced fracture of sixth cervical vertebra, initial encounter for open fracture
S12.591S	Other nondisplaced fracture of sixth cervical vertebra, sequela
S12.600A	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for closed fracture
S12.600B	Unspecified displaced fracture of seventh cervical vertebra, initial encounter for open fracture
S12.600S	Unspecified displaced fracture of seventh cervical vertebra, sequela
S12.601A	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture
S12.601B	Unspecified nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture
S12.601S	Unspecified nondisplaced fracture of seventh cervical vertebra, sequela
S12.630A	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
S12.630B	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
S12.630S	Unspecified traumatic displaced spondylolisthesis of seventh cervical vertebra, sequela
S12.631A	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
S12.631B	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
S12.631S	Unspecified traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, sequela
S12.64XA	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
S12.64XB	Type III traumatic spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
S12.64XS	Type III traumatic spondylolisthesis of seventh cervical vertebra, sequela
S12.650A	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
S12.650B	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
S12.650S	Other traumatic displaced spondylolisthesis of seventh cervical vertebra, sequela
S12.651A	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for closed fracture
S12.651B	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, initial encounter for open fracture
S12.651S	Other traumatic nondisplaced spondylolisthesis of seventh cervical vertebra, sequela
S12.690A	Other displaced fracture of seventh cervical vertebra, initial encounter for closed fracture
S12.690B	Other displaced fracture of seventh cervical vertebra, initial encounter for open fracture
S12.690S	Other displaced fracture of seventh cervical vertebra, sequela
S12.691A	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for closed fracture
S12.691B	Other nondisplaced fracture of seventh cervical vertebra, initial encounter for open fracture
S12.691S	Other nondisplaced fracture of seventh cervical vertebra, sequela
S12.9XXA	Fracture of neck, unspecified, initial encounter
S12.9XXD	Fracture of neck, unspecified, subsequent encounter
S12.9XXS	Fracture of neck, unspecified, sequela
S14.101A	Unspecified injury at C1 level of cervical spinal cord, initial encounter
S14.101D	Unspecified injury at C1 level of cervical spinal cord, subsequent encounter
S14.101S	Unspecified injury at C1 level of cervical spinal cord, sequela
S14.102A	Unspecified injury at C2 level of cervical spinal cord, initial encounter

S14.102D	Unspecified injury at C2 level of cervical spinal cord, subsequent encounter
S14.102S	Unspecified injury at C2 level of cervical spinal cord, sequela
S14.103A	Unspecified injury at C3 level of cervical spinal cord, initial encounter
S14.103D	Unspecified injury at C3 level of cervical spinal cord, subsequent encounter
S14.103S	Unspecified injury at C3 level of cervical spinal cord, sequela
S14.104A	Unspecified injury at C4 level of cervical spinal cord, initial encounter
S14.104D	Unspecified injury at C4 level of cervical spinal cord, subsequent encounter
S14.104S	Unspecified injury at C4 level of cervical spinal cord, sequela
S14.105A	Unspecified injury at C5 level of cervical spinal cord, initial encounter
S14.105D	Unspecified injury at C5 level of cervical spinal cord, subsequent encounter
S14.105S	Unspecified injury at C5 level of cervical spinal cord, sequela
S14.106A	Unspecified injury at C6 level of cervical spinal cord, initial encounter
S14.106D	Unspecified injury at C6 level of cervical spinal cord, subsequent encounter
S14.106S	Unspecified injury at C6 level of cervical spinal cord, sequela
S14.107A	Unspecified injury at C7 level of cervical spinal cord, initial encounter
S14.107D	Unspecified injury at C7 level of cervical spinal cord, subsequent encounter
S14.107S	Unspecified injury at C7 level of cervical spinal cord, sequela
S14.108D	Unspecified injury at C8 level of cervical spinal cord, subsequent encounter
S14.108S	Unspecified injury at C8 level of cervical spinal cord, sequela
S14.109A	Unspecified injury at unspecified level of cervical spinal cord, initial encounter
S14.109D	Unspecified injury at unspecified level of cervical spinal cord, subsequent encounter
S14.109S	Unspecified injury at unspecified level of cervical spinal cord, sequela
S14.111A	Complete lesion at C1 level of cervical spinal cord, initial encounter
S14.111D	Complete lesion at C1 level of cervical spinal cord, subsequent encounter
S14.111S	Complete lesion at C1 level of cervical spinal cord, sequela
S14.112A	Complete lesion at C2 level of cervical spinal cord, initial encounter
S14.112D	Complete lesion at C2 level of cervical spinal cord, subsequent encounter
S14.112S	Complete lesion at C2 level of cervical spinal cord, sequela
S14.113A	Complete lesion at C3 level of cervical spinal cord, initial encounter
S14.113D	Complete lesion at C3 level of cervical spinal cord, subsequent encounter
S14.113S	Complete lesion at C3 level of cervical spinal cord, sequela
S14.114A	Complete lesion at C4 level of cervical spinal cord, initial encounter
S14.114D	Complete lesion at C4 level of cervical spinal cord, subsequent encounter
S14.114S	Complete lesion at C4 level of cervical spinal cord, sequela
S14.115A	Complete lesion at C5 level of cervical spinal cord, initial encounter
S14.115D	Complete lesion at C5 level of cervical spinal cord, subsequent encounter
S14.115S	Complete lesion at C5 level of cervical spinal cord, sequela
S14.116A	Complete lesion at C6 level of cervical spinal cord, initial encounter
S14.116D	Complete lesion at C6 level of cervical spinal cord, subsequent encounter
S14.116S	Complete lesion at C6 level of cervical spinal cord, sequela
S14.117A	Complete lesion at C7 level of cervical spinal cord, initial encounter
S14.117D	Complete lesion at C7 level of cervical spinal cord, subsequent encounter
S14.117S	Complete lesion at C7 level of cervical spinal cord, sequela

S14.118D	Complete lesion at C8 level of cervical spinal cord, subsequent encounter
S14.118S	Complete lesion at C8 level of cervical spinal cord, sequela
S14.119D	Complete lesion at unspecified level of cervical spinal cord, subsequent encounter
S14.119S	Complete lesion at unspecified level of cervical spinal cord, sequela
S14.121A	Central cord syndrome at C1 level of cervical spinal cord, initial encounter
S14.121D	Central cord syndrome at C1 level of cervical spinal cord, subsequent encounter
S14.121S	Central cord syndrome at C1 level of cervical spinal cord, sequela
S14.122A	Central cord syndrome at C2 level of cervical spinal cord, initial encounter
S14.122D	Central cord syndrome at C2 level of cervical spinal cord, subsequent encounter
S14.122S	Central cord syndrome at C2 level of cervical spinal cord, sequela
S14.123A	Central cord syndrome at C3 level of cervical spinal cord, initial encounter
S14.123D	Central cord syndrome at C3 level of cervical spinal cord, subsequent encounter
S14.123S	Central cord syndrome at C3 level of cervical spinal cord, sequela
S14.124A	Central cord syndrome at C4 level of cervical spinal cord, initial encounter
S14.124D	Central cord syndrome at C4 level of cervical spinal cord, subsequent encounter
S14.124S	Central cord syndrome at C4 level of cervical spinal cord, sequela
S14.125A	Central cord syndrome at C5 level of cervical spinal cord, initial encounter
S14.125D	Central cord syndrome at C5 level of cervical spinal cord, subsequent encounter
S14.125S	Central cord syndrome at C5 level of cervical spinal cord, sequela
S14.126A	Central cord syndrome at C6 level of cervical spinal cord, initial encounter
S14.126D	Central cord syndrome at C6 level of cervical spinal cord, subsequent encounter
S14.126S	Central cord syndrome at C6 level of cervical spinal cord, sequela
S14.127A	Central cord syndrome at C7 level of cervical spinal cord, initial encounter
S14.127D	Central cord syndrome at C7 level of cervical spinal cord, subsequent encounter
S14.127S	Central cord syndrome at C7 level of cervical spinal cord, sequela
S14.128D	Central cord syndrome at C8 level of cervical spinal cord, subsequent encounter
S14.128S	Central cord syndrome at C8 level of cervical spinal cord, sequela
S14.129D	Central cord syndrome at unspecified level of cervical spinal cord, subsequent encounter
S14.129S	Central cord syndrome at unspecified level of cervical spinal cord, sequela
S14.131A	Anterior cord syndrome at C1 level of cervical spinal cord, initial encounter
S14.131D	Anterior cord syndrome at C1 level of cervical spinal cord, subsequent encounter
S14.131S	Anterior cord syndrome at C1 level of cervical spinal cord, sequela
S14.132A	Anterior cord syndrome at C2 level of cervical spinal cord, initial encounter
S14.132D	Anterior cord syndrome at C2 level of cervical spinal cord, subsequent encounter
S14.132S	Anterior cord syndrome at C2 level of cervical spinal cord, sequela
S14.133A	Anterior cord syndrome at C3 level of cervical spinal cord, initial encounter
S14.133D	Anterior cord syndrome at C3 level of cervical spinal cord, subsequent encounter
S14.133S	Anterior cord syndrome at C3 level of cervical spinal cord, sequela
S14.134A	Anterior cord syndrome at C4 level of cervical spinal cord, initial encounter
S14.134D	Anterior cord syndrome at C4 level of cervical spinal cord, subsequent encounter
S14.134S	Anterior cord syndrome at C4 level of cervical spinal cord, sequela
S14.135A	Anterior cord syndrome at C5 level of cervical spinal cord, initial encounter
S14.135D	Anterior cord syndrome at C5 level of cervical spinal cord, subsequent encounter

S14.135S	Anterior cord syndrome at C5 level of cervical spinal cord, sequela
S14.136A	Anterior cord syndrome at C6 level of cervical spinal cord, initial encounter
S14.136D	Anterior cord syndrome at C6 level of cervical spinal cord, subsequent encounter
S14.136S	Anterior cord syndrome at C6 level of cervical spinal cord, sequela
S14.137A	Anterior cord syndrome at C7 level of cervical spinal cord, initial encounter
S14.137D	Anterior cord syndrome at C7 level of cervical spinal cord, subsequent encounter
S14.137S	Anterior cord syndrome at C7 level of cervical spinal cord, sequela
S14.138A	Anterior cord syndrome at C8 level of cervical spinal cord, initial encounter
S14.138D	Anterior cord syndrome at C8 level of cervical spinal cord, subsequent encounter
S14.138S	Anterior cord syndrome at C8 level of cervical spinal cord, sequela
S14.139A	Anterior cord syndrome at unspecified level of cervical spinal cord, initial encounter
S14.139D	Anterior cord syndrome at unspecified level of cervical spinal cord, subsequent encounter
S14.139S	Anterior cord syndrome at unspecified level of cervical spinal cord, sequela
S14.141A	Brown-Sequard syndrome at C1 level of cervical spinal cord, initial encounter
S14.141D	Brown-Sequard syndrome at C1 level of cervical spinal cord, subsequent encounter
S14.141S	Brown-Sequard syndrome at C1 level of cervical spinal cord, sequela
S14.142A	Brown-Sequard syndrome at C2 level of cervical spinal cord, initial encounter
S14.142D	Brown-Sequard syndrome at C2 level of cervical spinal cord, subsequent encounter
S14.142S	Brown-Sequard syndrome at C2 level of cervical spinal cord, sequela
S14.143A	Brown-Sequard syndrome at C3 level of cervical spinal cord, initial encounter
S14.143D	Brown-Sequard syndrome at C3 level of cervical spinal cord, subsequent encounter
S14.143S	Brown-Sequard syndrome at C3 level of cervical spinal cord, sequela
S14.144A	Brown-Sequard syndrome at C4 level of cervical spinal cord, initial encounter
S14.144D	Brown-Sequard syndrome at C4 level of cervical spinal cord, subsequent encounter
S14.144S	Brown-Sequard syndrome at C4 level of cervical spinal cord, sequela
S14.145A	Brown-Sequard syndrome at C5 level of cervical spinal cord, initial encounter
S14.145D	Brown-Sequard syndrome at C5 level of cervical spinal cord, subsequent encounter
S14.145S	Brown-Sequard syndrome at C5 level of cervical spinal cord, sequela
S14.146A	Brown-Sequard syndrome at C6 level of cervical spinal cord, initial encounter
S14.146D	Brown-Sequard syndrome at C6 level of cervical spinal cord, subsequent encounter
S14.146S	Brown-Sequard syndrome at C6 level of cervical spinal cord, sequela
S14.147A	Brown-Sequard syndrome at C7 level of cervical spinal cord, initial encounter
S14.147D	Brown-Sequard syndrome at C7 level of cervical spinal cord, subsequent encounter
S14.147S	Brown-Sequard syndrome at C7 level of cervical spinal cord, sequela
S14.148A	Brown-Sequard syndrome at C8 level of cervical spinal cord, initial encounter
S14.148D	Brown-Sequard syndrome at C8 level of cervical spinal cord, subsequent encounter
S14.148S	Brown-Sequard syndrome at C8 level of cervical spinal cord, sequela
S14.149A	Brown-Sequard syndrome at unspecified level of cervical spinal cord, initial encounter
S14.149D	Brown-Sequard syndrome at unspecified level of cervical spinal cord, subsequent encounter
S14.149S	Brown-Sequard syndrome at unspecified level of cervical spinal cord, sequela
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter
S14.151S	Other incomplete lesion at C1 level of cervical spinal cord, sequela
S14.152A	Other incomplete lesion at C2 level of cervical spinal cord, initial encounter

S14.152S	Other incomplete lesion at C2 level of cervical spinal cord, sequela
S14.153A	Other incomplete lesion at C3 level of cervical spinal cord, initial encounter
S14.153S	Other incomplete lesion at C3 level of cervical spinal cord, sequela
S14.154A	Other incomplete lesion at C4 level of cervical spinal cord, initial encounter
S14.154S	Other incomplete lesion at C4 level of cervical spinal cord, sequela
S14.155A	Other incomplete lesion at C5 level of cervical spinal cord, initial encounter
S14.155S	Other incomplete lesion at C5 level of cervical spinal cord, sequela
S14.156A	Other incomplete lesion at C6 level of cervical spinal cord, initial encounter
S14.156S	Other incomplete lesion at C6 level of cervical spinal cord, sequela
S14.157A	Other incomplete lesion at C7 level of cervical spinal cord, initial encounter
S14.157S	Other incomplete lesion at C7 level of cervical spinal cord, sequela
S14.158A	Other incomplete lesion at C8 level of cervical spinal cord, initial encounter
S14.158S	Other incomplete lesion at C8 level of cervical spinal cord, sequela
S14.159A	Other incomplete lesion at unspecified level of cervical spinal cord, initial encounter
S14.159S	Other incomplete lesion at unspecified level of cervical spinal cord, sequela
S14.2XXA	Injury of nerve root of cervical spine, initial encounter
S14.2XXS	Injury of nerve root of cervical spine, sequela
S14.3XXA	Injury of brachial plexus, initial encounter
S14.3XXS	Injury of brachial plexus, sequela
S14.4XXA	Injury of peripheral nerves of neck, initial encounter
S14.4XXS	Injury of peripheral nerves of neck, sequela
S14.5XXA	Injury of cervical sympathetic nerves, initial encounter
S14.5XXS	Injury of cervical sympathetic nerves, sequela
S22.000A	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for closed fracture
S22.000B	Wedge compression fracture of unspecified thoracic vertebra, initial encounter for open fracture
S22.000S	Wedge compression fracture of unspecified thoracic vertebra, sequela
S22.001A	Stable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture
S22.001B	Stable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture
S22.001S	Stable burst fracture of unspecified thoracic vertebra, sequela
S22.002A	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for closed fracture
S22.002B	Unstable burst fracture of unspecified thoracic vertebra, initial encounter for open fracture
S22.002S	Unstable burst fracture of unspecified thoracic vertebra, sequela
S22.008A	Other fracture of unspecified thoracic vertebra, initial encounter for closed fracture
S22.008B	Other fracture of unspecified thoracic vertebra, initial encounter for open fracture
S22.008S	Other fracture of unspecified thoracic vertebra, sequela
S22.009A	Unspecified fracture of unspecified thoracic vertebra, initial encounter for closed fracture
S22.009B	Unspecified fracture of unspecified thoracic vertebra, initial encounter for open fracture
S22.009S	Unspecified fracture of unspecified thoracic vertebra, sequela
S22.010A	Wedge compression fracture of first thoracic vertebra, initial encounter for closed fracture
S22.010B	Wedge compression fracture of first thoracic vertebra, initial encounter for open fracture
S22.010S	Wedge compression fracture of first thoracic vertebra, sequela
S22.011A	Stable burst fracture of first thoracic vertebra, initial encounter for closed fracture
S22.011B	Stable burst fracture of first thoracic vertebra, initial encounter for open fracture

S22.011S	Stable burst fracture of first thoracic vertebra, sequela
S22.012A	Unstable burst fracture of first thoracic vertebra, initial encounter for closed fracture
S22.012B	Unstable burst fracture of first thoracic vertebra, initial encounter for open fracture
S22.012S	Unstable burst fracture of first thoracic vertebra, sequela
S22.018A	Other fracture of first thoracic vertebra, initial encounter for closed fracture
S22.018B	Other fracture of first thoracic vertebra, initial encounter for open fracture
S22.018S	Other fracture of first thoracic vertebra, sequela
S22.019A	Unspecified fracture of first thoracic vertebra, initial encounter for closed fracture
S22.019B	Unspecified fracture of first thoracic vertebra, initial encounter for open fracture
S22.019S	Unspecified fracture of first thoracic vertebra, sequela
S22.020A	Wedge compression fracture of second thoracic vertebra, initial encounter for closed fracture
S22.020B	Wedge compression fracture of second thoracic vertebra, initial encounter for open fracture
S22.020S	Wedge compression fracture of second thoracic vertebra, sequela
S22.021A	Stable burst fracture of second thoracic vertebra, initial encounter for closed fracture
S22.021B	Stable burst fracture of second thoracic vertebra, initial encounter for open fracture
S22.021S	Stable burst fracture of second thoracic vertebra, sequela
S22.022A	Unstable burst fracture of second thoracic vertebra, initial encounter for closed fracture
S22.022B	Unstable burst fracture of second thoracic vertebra, initial encounter for open fracture
S22.022S	Unstable burst fracture of second thoracic vertebra, sequela
S22.028A	Other fracture of second thoracic vertebra, initial encounter for closed fracture
S22.028B	Other fracture of second thoracic vertebra, initial encounter for open fracture
S22.028S	Other fracture of second thoracic vertebra, sequela
S22.029A	Unspecified fracture of second thoracic vertebra, initial encounter for closed fracture
S22.029B	Unspecified fracture of second thoracic vertebra, initial encounter for open fracture
S22.029S	Unspecified fracture of second thoracic vertebra, sequela
S22.030A	Wedge compression fracture of third thoracic vertebra, initial encounter for closed fracture
S22.030B	Wedge compression fracture of third thoracic vertebra, initial encounter for open fracture
S22.030S	Wedge compression fracture of third thoracic vertebra, sequela
S22.031A	Stable burst fracture of third thoracic vertebra, initial encounter for closed fracture
S22.031B	Stable burst fracture of third thoracic vertebra, initial encounter for open fracture
S22.031S	Stable burst fracture of third thoracic vertebra, sequela
S22.032A	Unstable burst fracture of third thoracic vertebra, initial encounter for closed fracture
S22.032B	Unstable burst fracture of third thoracic vertebra, initial encounter for open fracture
S22.032S	Unstable burst fracture of third thoracic vertebra, sequela
S22.038A	Other fracture of third thoracic vertebra, initial encounter for closed fracture
S22.038B	Other fracture of third thoracic vertebra, initial encounter for open fracture
S22.038S	Other fracture of third thoracic vertebra, sequela
S22.039A	Unspecified fracture of third thoracic vertebra, initial encounter for closed fracture
S22.039B	Unspecified fracture of third thoracic vertebra, initial encounter for open fracture
S22.039S	Unspecified fracture of third thoracic vertebra, sequela
S22.040A	Wedge compression fracture of fourth thoracic vertebra, initial encounter for closed fracture
S22.040B	Wedge compression fracture of fourth thoracic vertebra, initial encounter for open fracture
S22.040S	Wedge compression fracture of fourth thoracic vertebra, sequela

S22.041A	Stable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture
S22.041B	Stable burst fracture of fourth thoracic vertebra, initial encounter for open fracture
S22.041S	Stable burst fracture of fourth thoracic vertebra, sequela
S22.042A	Unstable burst fracture of fourth thoracic vertebra, initial encounter for closed fracture
S22.042B	Unstable burst fracture of fourth thoracic vertebra, initial encounter for open fracture
S22.042S	Unstable burst fracture of fourth thoracic vertebra, sequela
S22.048A	Other fracture of fourth thoracic vertebra, initial encounter for closed fracture
S22.048B	Other fracture of fourth thoracic vertebra, initial encounter for open fracture
S22.048S	Other fracture of fourth thoracic vertebra, sequela
S22.049A	Unspecified fracture of fourth thoracic vertebra, initial encounter for closed fracture
S22.049B	Unspecified fracture of fourth thoracic vertebra, initial encounter for open fracture
S22.049S	Unspecified fracture of fourth thoracic vertebra, sequela
S22.050A	Wedge compression fracture of T5-T6 vertebra, initial encounter for closed fracture
S22.050B	Wedge compression fracture of T5-T6 vertebra, initial encounter for open fracture
S22.050S	Wedge compression fracture of T5-T6 vertebra, sequela
S22.051A	Stable burst fracture of T5-T6 vertebra, initial encounter for closed fracture
S22.051B	Stable burst fracture of T5-T6 vertebra, initial encounter for open fracture
S22.051S	Stable burst fracture of T5-T6 vertebra, sequela
S22.052A	Unstable burst fracture of T5-T6 vertebra, initial encounter for closed fracture
S22.052B	Unstable burst fracture of T5-T6 vertebra, initial encounter for open fracture
S22.052S	Unstable burst fracture of T5-T6 vertebra, sequela
S22.058A	Other fracture of T5-T6 vertebra, initial encounter for closed fracture
S22.058B	Other fracture of T5-T6 vertebra, initial encounter for open fracture
S22.058S	Other fracture of T5-T6 vertebra, sequela
S22.059A	Unspecified fracture of T5-T6 vertebra, initial encounter for closed fracture
S22.059B	Unspecified fracture of T5-T6 vertebra, initial encounter for open fracture
S22.059S	Unspecified fracture of T5-T6 vertebra, sequela
S22.060A	Wedge compression fracture of T7-T8 vertebra, initial encounter for closed fracture
S22.060B	Wedge compression fracture of T7-T8 vertebra, initial encounter for open fracture
S22.060S	Wedge compression fracture of T7-T8 vertebra, sequela
S22.061A	Stable burst fracture of T7-T8 vertebra, initial encounter for closed fracture
S22.061B	Stable burst fracture of T7-T8 vertebra, initial encounter for open fracture
S22.061S	Stable burst fracture of T7-T8 vertebra, sequela
S22.062A	Unstable burst fracture of T7-T8 vertebra, initial encounter for closed fracture
S22.062B	Unstable burst fracture of T7-T8 vertebra, initial encounter for open fracture
S22.062S	Unstable burst fracture of T7-T8 vertebra, sequela
S22.068A	Other fracture of T7-T8 thoracic vertebra, initial encounter for closed fracture
S22.068B	Other fracture of T7-T8 thoracic vertebra, initial encounter for open fracture
S22.068S	Other fracture of T7-T8 thoracic vertebra, sequela
S22.069A	Unspecified fracture of T7-T8 vertebra, initial encounter for closed fracture
S22.069B	Unspecified fracture of T7-T8 vertebra, initial encounter for open fracture
S22.069S	Unspecified fracture of T7-T8 vertebra, sequela
S22.070A	Wedge compression fracture of T9-T10 vertebra, initial encounter for closed fracture

S22.070B	Wedge compression fracture of T9-T10 vertebra, initial encounter for open fracture
S22.070S	Wedge compression fracture of T9-T10 vertebra, sequela
S22.071A	Stable burst fracture of T9-T10 vertebra, initial encounter for closed fracture
S22.071B	Stable burst fracture of T9-T10 vertebra, initial encounter for open fracture
S22.071S	Stable burst fracture of T9-T10 vertebra, sequela
S22.072A	Unstable burst fracture of T9-T10 vertebra, initial encounter for closed fracture
S22.072B	Unstable burst fracture of T9-T10 vertebra, initial encounter for open fracture
S22.072S	Unstable burst fracture of T9-T10 vertebra, sequela
S22.078A	Other fracture of T9-T10 vertebra, initial encounter for closed fracture
S22.078B	Other fracture of T9-T10 vertebra, initial encounter for open fracture
S22.078S	Other fracture of T9-T10 vertebra, sequela
S22.079A	Unspecified fracture of T9-T10 vertebra, initial encounter for closed fracture
S22.079B	Unspecified fracture of T9-T10 vertebra, initial encounter for open fracture
S22.079S	Unspecified fracture of T9-T10 vertebra, sequela
S22.080A	Wedge compression fracture of T11-T12 vertebra, initial encounter for closed fracture
S22.080B	Wedge compression fracture of T11-T12 vertebra, initial encounter for open fracture
S22.080S	Wedge compression fracture of T11-T12 vertebra, sequela
S22.081A	Stable burst fracture of T11-T12 vertebra, initial encounter for closed fracture
S22.081B	Stable burst fracture of T11-T12 vertebra, initial encounter for open fracture
S22.081S	Stable burst fracture of T11-T12 vertebra, sequela
S22.082A	Unstable burst fracture of T11-T12 vertebra, initial encounter for closed fracture
S22.082B	Unstable burst fracture of T11-T12 vertebra, initial encounter for open fracture
S22.082S	Unstable burst fracture of T11-T12 vertebra, sequela
S22.088A	Other fracture of T11-T12 vertebra, initial encounter for closed fracture
S22.088B	Other fracture of T11-T12 vertebra, initial encounter for open fracture
S22.088S	Other fracture of T11-T12 vertebra, sequela
S22.089A	Unspecified fracture of T11-T12 vertebra, initial encounter for closed fracture
S22.089B	Unspecified fracture of T11-T12 vertebra, initial encounter for open fracture
S22.089S	Unspecified fracture of T11-T12 vertebra, sequela
S24.0XXA	Concussion and edema of thoracic spinal cord, initial encounter
S24.0XXS	Concussion and edema of thoracic spinal cord, sequela
S24.101A	Unspecified injury at T1 level of thoracic spinal cord, initial encounter
S24.101S	Unspecified injury at T1 level of thoracic spinal cord, sequela
S24.102A	Unspecified injury at T2-T6 level of thoracic spinal cord, initial encounter
S24.102S	Unspecified injury at T2-T6 level of thoracic spinal cord, sequela
S24.103A	Unspecified injury at T7-T10 level of thoracic spinal cord, initial encounter
S24.103S	Unspecified injury at T7-T10 level of thoracic spinal cord, sequela
S24.104A	Unspecified injury at T11-T12 level of thoracic spinal cord, initial encounter
S24.104S	Unspecified injury at T11-T12 level of thoracic spinal cord, sequela
S24.109A	Unspecified injury at unspecified level of thoracic spinal cord, initial encounter
S24.109S	Unspecified injury at unspecified level of thoracic spinal cord, sequela
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter
S24.111S	Complete lesion at T1 level of thoracic spinal cord, sequela

S24.112A	Complete lesion at T2-T6 level of thoracic spinal cord, initial encounter
S24.112S	Complete lesion at T2-T6 level of thoracic spinal cord, sequela
S24.113A	Complete lesion at T7-T10 level of thoracic spinal cord, initial encounter
S24.113S	Complete lesion at T7-T10 level of thoracic spinal cord, sequela
S24.114A	Complete lesion at T11-T12 level of thoracic spinal cord, initial encounter
S24.114S	Complete lesion at T11-T12 level of thoracic spinal cord, sequela
S24.119A	Complete lesion at unspecified level of thoracic spinal cord, initial encounter
S24.119S	Complete lesion at unspecified level of thoracic spinal cord, sequela
S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter
S24.131S	Anterior cord syndrome at T1 level of thoracic spinal cord, sequela
S24.132A	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, initial encounter
S24.132S	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, sequela
S24.133A	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, initial encounter
S24.133S	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, sequela
S24.134A	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, initial encounter
S24.134S	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, sequela
S24.139A	Anterior cord syndrome at unspecified level of thoracic spinal cord, initial encounter
S24.139S	Anterior cord syndrome at unspecified level of thoracic spinal cord, sequela
S24.141A	Brown-Sequard syndrome at T1 level of thoracic spinal cord, initial encounter
S24.141S	Brown-Sequard syndrome at T1 level of thoracic spinal cord, sequela
S24.142A	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, initial encounter
S24.142S	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, sequela
S24.143A	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, initial encounter
S24.143S	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, sequela
S24.144A	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, initial encounter
S24.144S	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, sequela
S24.149A	Brown-Sequard syndrome at unspecified level of thoracic spinal cord, initial encounter
S24.149S	Brown-Sequard syndrome at unspecified level of thoracic spinal cord, sequela
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter
S24.151S	Other incomplete lesion at T1 level of thoracic spinal cord, sequela
S24.152A	Other incomplete lesion at T2-T6 level of thoracic spinal cord, initial encounter
S24.152S	Other incomplete lesion at T2-T6 level of thoracic spinal cord, sequela
S24.153A	Other incomplete lesion at T7-T10 level of thoracic spinal cord, initial encounter
S24.153S	Other incomplete lesion at T7-T10 level of thoracic spinal cord, sequela
S24.154A	Other incomplete lesion at T11-T12 level of thoracic spinal cord, initial encounter
S24.154S	Other incomplete lesion at T11-T12 level of thoracic spinal cord, sequela
S24.159A	Other incomplete lesion at unspecified level of thoracic spinal cord, initial encounter
S24.159S	Other incomplete lesion at unspecified level of thoracic spinal cord, sequela
S24.2XXA	Injury of nerve root of thoracic spine, initial encounter
S24.2XXS	Injury of nerve root of thoracic spine, sequela
S32.000A	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for closed fracture
S32.000B	Wedge compression fracture of unspecified lumbar vertebra, initial encounter for open fracture
S32.000S	Wedge compression fracture of unspecified lumbar vertebra, sequela

S32.001A	Stable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture
S32.001B	Stable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture
S32.001S	Stable burst fracture of unspecified lumbar vertebra, sequela
S32.002A	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for closed fracture
S32.002B	Unstable burst fracture of unspecified lumbar vertebra, initial encounter for open fracture
S32.002S	Unstable burst fracture of unspecified lumbar vertebra, sequela
S32.008A	Other fracture of unspecified lumbar vertebra, initial encounter for closed fracture
S32.008B	Other fracture of unspecified lumbar vertebra, initial encounter for open fracture
S32.008S	Other fracture of unspecified lumbar vertebra, sequela
S32.009A	Unspecified fracture of unspecified lumbar vertebra, initial encounter for closed fracture
S32.009B	Unspecified fracture of unspecified lumbar vertebra, initial encounter for open fracture
S32.009S	Unspecified fracture of unspecified lumbar vertebra, sequela
S32.010A	Wedge compression fracture of first lumbar vertebra, initial encounter for closed fracture
S32.010B	Wedge compression fracture of first lumbar vertebra, initial encounter for open fracture
S32.010S	Wedge compression fracture of first lumbar vertebra, sequela
S32.011A	Stable burst fracture of first lumbar vertebra, initial encounter for closed fracture
S32.011B	Stable burst fracture of first lumbar vertebra, initial encounter for open fracture
S32.011S	Stable burst fracture of first lumbar vertebra, sequela
S32.012A	Unstable burst fracture of first lumbar vertebra, initial encounter for closed fracture
S32.012B	Unstable burst fracture of first lumbar vertebra, initial encounter for open fracture
S32.012S	Unstable burst fracture of first lumbar vertebra, sequela
S32.018A	Other fracture of first lumbar vertebra, initial encounter for closed fracture
S32.018B	Other fracture of first lumbar vertebra, initial encounter for open fracture
S32.018S	Other fracture of first lumbar vertebra, sequela
S32.019A	Unspecified fracture of first lumbar vertebra, initial encounter for closed fracture
S32.019B	Unspecified fracture of first lumbar vertebra, initial encounter for open fracture
S32.019S	Unspecified fracture of first lumbar vertebra, sequela
S32.020A	Wedge compression fracture of second lumbar vertebra, initial encounter for closed fracture
S32.020B	Wedge compression fracture of second lumbar vertebra, initial encounter for open fracture
S32.020S	Wedge compression fracture of second lumbar vertebra, sequela
S32.021A	Stable burst fracture of second lumbar vertebra, initial encounter for closed fracture
S32.021B	Stable burst fracture of second lumbar vertebra, initial encounter for open fracture
S32.021S	Stable burst fracture of second lumbar vertebra, sequela
S32.022A	Unstable burst fracture of second lumbar vertebra, initial encounter for closed fracture
S32.022B	Unstable burst fracture of second lumbar vertebra, initial encounter for open fracture
S32.022S	Unstable burst fracture of second lumbar vertebra, sequela
S32.028A	Other fracture of second lumbar vertebra, initial encounter for closed fracture
S32.028B	Other fracture of second lumbar vertebra, initial encounter for open fracture
S32.028S	Other fracture of second lumbar vertebra, sequela
S32.029A	Unspecified fracture of second lumbar vertebra, initial encounter for closed fracture
S32.029B	Unspecified fracture of second lumbar vertebra, initial encounter for open fracture
S32.029S	Unspecified fracture of second lumbar vertebra, sequela
S32.030A	Wedge compression fracture of third lumbar vertebra, initial encounter for closed fracture

S32.030B	Wedge compression fracture of third lumbar vertebra, initial encounter for open fracture
S32.030S	Wedge compression fracture of third lumbar vertebra, sequela
S32.031A	Stable burst fracture of third lumbar vertebra, initial encounter for closed fracture
S32.031B	Stable burst fracture of third lumbar vertebra, initial encounter for open fracture
S32.031S	Stable burst fracture of third lumbar vertebra, sequela
S32.032A	Unstable burst fracture of third lumbar vertebra, initial encounter for closed fracture
S32.032B	Unstable burst fracture of third lumbar vertebra, initial encounter for open fracture
S32.032S	Unstable burst fracture of third lumbar vertebra, sequela
S32.038A	Other fracture of third lumbar vertebra, initial encounter for closed fracture
S32.038B	Other fracture of third lumbar vertebra, initial encounter for open fracture
S32.038S	Other fracture of third lumbar vertebra, sequela
S32.039A	Unspecified fracture of third lumbar vertebra, initial encounter for closed fracture
S32.039B	Unspecified fracture of third lumbar vertebra, initial encounter for open fracture
S32.039S	Unspecified fracture of third lumbar vertebra, sequela
S32.040A	Wedge compression fracture of fourth lumbar vertebra, initial encounter for closed fracture
S32.040B	Wedge compression fracture of fourth lumbar vertebra, initial encounter for open fracture
S32.040S	Wedge compression fracture of fourth lumbar vertebra, sequela
S32.041A	Stable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture
S32.041B	Stable burst fracture of fourth lumbar vertebra, initial encounter for open fracture
S32.041S	Stable burst fracture of fourth lumbar vertebra, sequela
S32.042A	Unstable burst fracture of fourth lumbar vertebra, initial encounter for closed fracture
S32.042B	Unstable burst fracture of fourth lumbar vertebra, initial encounter for open fracture
S32.042S	Unstable burst fracture of fourth lumbar vertebra, sequela
S32.048A	Other fracture of fourth lumbar vertebra, initial encounter for closed fracture
S32.048B	Other fracture of fourth lumbar vertebra, initial encounter for open fracture
S32.048S	Other fracture of fourth lumbar vertebra, sequela
S32.049A	Unspecified fracture of fourth lumbar vertebra, initial encounter for closed fracture
S32.049B	Unspecified fracture of fourth lumbar vertebra, initial encounter for open fracture
S32.049S	Unspecified fracture of fourth lumbar vertebra, sequela
S32.050A	Wedge compression fracture of fifth lumbar vertebra, initial encounter for closed fracture
S32.050B	Wedge compression fracture of fifth lumbar vertebra, initial encounter for open fracture
S32.050S	Wedge compression fracture of fifth lumbar vertebra, sequela
S32.051A	Stable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture
S32.051B	Stable burst fracture of fifth lumbar vertebra, initial encounter for open fracture
S32.051S	Stable burst fracture of fifth lumbar vertebra, sequela
S32.052A	Unstable burst fracture of fifth lumbar vertebra, initial encounter for closed fracture
S32.052B	Unstable burst fracture of fifth lumbar vertebra, initial encounter for open fracture
S32.052S	Unstable burst fracture of fifth lumbar vertebra, sequela
S32.058A	Other fracture of fifth lumbar vertebra, initial encounter for closed fracture
S32.058B	Other fracture of fifth lumbar vertebra, initial encounter for open fracture
S32.058S	Other fracture of fifth lumbar vertebra, sequela
S32.059A	Unspecified fracture of fifth lumbar vertebra, initial encounter for closed fracture
S32.059B	Unspecified fracture of fifth lumbar vertebra, initial encounter for open fracture

S32.059S	Unspecified fracture of fifth lumbar vertebra, sequela
S32.10XA	Unspecified fracture of sacrum, initial encounter for closed fracture
S32.10XB	Unspecified fracture of sacrum, initial encounter for open fracture
S32.10XS	Unspecified fracture of sacrum, initial encounter for open fracture
S32.110A	Nondisplaced Zone I fracture of sacrum, initial encounter for closed fracture
S32.110B	Nondisplaced Zone I fracture of sacrum, initial encounter for open fracture
S32.110S	Nondisplaced Zone I fracture of sacrum, sequela
S32.111A	Minimally displaced Zone I fracture of sacrum, initial encounter for closed fracture
S32.111B	Minimally displaced Zone I fracture of sacrum, initial encounter for open fracture
S32.111S	Minimally displaced Zone I fracture of sacrum, sequela
S32.112A	Severely displaced Zone I fracture of sacrum, initial encounter for closed fracture
S32.112B	Severely displaced Zone I fracture of sacrum, initial encounter for open fracture
S32.112S	Severely displaced Zone I fracture of sacrum, sequela
S32.119A	Unspecified Zone I fracture of sacrum, initial encounter for closed fracture
S32.119B	Unspecified Zone I fracture of sacrum, initial encounter for open fracture
S32.119S	Unspecified Zone I fracture of sacrum, sequela
S32.120A	Nondisplaced Zone II fracture of sacrum, initial encounter for closed fracture
S32.120B	Nondisplaced Zone II fracture of sacrum, initial encounter for open fracture
S32.120S	Nondisplaced Zone II fracture of sacrum, sequela
S32.121A	Minimally displaced Zone II fracture of sacrum, initial encounter for closed fracture
S32.121B	Minimally displaced Zone II fracture of sacrum, initial encounter for open fracture
S32.121S	Minimally displaced Zone II fracture of sacrum, sequela
S32.122A	Severely displaced Zone II fracture of sacrum, initial encounter for closed fracture
S32.122B	Severely displaced Zone II fracture of sacrum, initial encounter for open fracture
S32.122S	Severely displaced Zone II fracture of sacrum, sequela
S32.129A	Unspecified Zone II fracture of sacrum, initial encounter for closed fracture
S32.129B	Unspecified Zone II fracture of sacrum, initial encounter for open fracture
S32.129S	Unspecified Zone II fracture of sacrum, sequela
S32.130A	Nondisplaced Zone III fracture of sacrum, initial encounter for closed fracture
S32.130B	Nondisplaced Zone III fracture of sacrum, initial encounter for open fracture
S32.130S	Nondisplaced Zone III fracture of sacrum, sequela
S32.131A	Minimally displaced Zone III fracture of sacrum, initial encounter for closed fracture
S32.131B	Minimally displaced Zone III fracture of sacrum, initial encounter for open fracture
S32.131S	Minimally displaced Zone III fracture of sacrum, sequela
S32.132A	Severely displaced Zone III fracture of sacrum, initial encounter for closed fracture
S32.132B	Severely displaced Zone III fracture of sacrum, initial encounter for open fracture
S32.132S	Severely displaced Zone III fracture of sacrum, sequela
S32.139A	Unspecified Zone III fracture of sacrum, initial encounter for closed fracture
S32.139B	Unspecified Zone III fracture of sacrum, initial encounter for open fracture
S32.139S	Unspecified Zone III fracture of sacrum, sequela
S32.14XA	Type 1 fracture of sacrum, initial encounter for closed fracture
S32.14XB	Type 1 fracture of sacrum, initial encounter for open fracture
S32.14XS	Type 1 fracture of sacrum, sequela

S32.15XA	Type 2 fracture of sacrum, initial encounter for closed fracture
S32.15XB	Type 2 fracture of sacrum, initial encounter for open fracture
S32.15XS	Type 2 fracture of sacrum, sequela
S32.16XA	Type 3 fracture of sacrum, initial encounter for closed fracture
S32.16XB	Type 3 fracture of sacrum, initial encounter for open fracture
S32.16XS	Type 3 fracture of sacrum, sequela
S32.17XA	Type 4 fracture of sacrum, initial encounter for closed fracture
S32.17XB	Type 4 fracture of sacrum, initial encounter for open fracture
S32.17XS	Type 4 fracture of sacrum, sequela
S32.19XA	Other fracture of sacrum, initial encounter for closed fracture
S32.19XB	Other fracture of sacrum, initial encounter for open fracture
S32.19XS	Other fracture of sacrum, sequela
S32.2XXA	Fracture of coccyx, initial encounter for closed fracture
S32.2XXB	Fracture of coccyx, initial encounter for open fracture
S32.2XXS	Fracture of coccyx, sequela
S34.01XA	Concussion and edema of lumbar spinal cord, initial encounter
S34.01XS	Concussion and edema of lumbar spinal cord, sequela
S34.02XA	Concussion and edema of sacral spinal cord, initial encounter
S34.02XS	Concussion and edema of sacral spinal cord, sequela
S34.101A	Unspecified injury to L1 level of lumbar spinal cord, initial encounter
S34.101S	Unspecified injury to L1 level of lumbar spinal cord, sequela
S34.102A	Unspecified injury to L2 level of lumbar spinal cord, initial encounter
S34.102S	Unspecified injury to L2 level of lumbar spinal cord, sequela
S34.103A	Unspecified injury to L3 level of lumbar spinal cord, initial encounter
S34.103S	Unspecified injury to L3 level of lumbar spinal cord, sequela
S34.104A	Unspecified injury to L4 level of lumbar spinal cord, initial encounter
S34.104S	Unspecified injury to L4 level of lumbar spinal cord, sequela
S34.105A	Unspecified injury to L5 level of lumbar spinal cord, initial encounter
S34.105S	Unspecified injury to L5 level of lumbar spinal cord, sequela
S34.109A	Unspecified injury to unspecified level of lumbar spinal cord, initial encounter
S34.109S	Unspecified injury to unspecified level of lumbar spinal cord, sequela
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter
S34.111S	Complete lesion of L1 level of lumbar spinal cord, sequela
S34.112A	Complete lesion of L2 level of lumbar spinal cord, initial encounter
S34.112S	Complete lesion of L2 level of lumbar spinal cord, sequela
S34.113A	Complete lesion of L3 level of lumbar spinal cord, initial encounter
S34.113S	Complete lesion of L3 level of lumbar spinal cord, sequela
S34.114A	Complete lesion of L4 level of lumbar spinal cord, initial encounter
S34.114S	Complete lesion of L4 level of lumbar spinal cord, sequela
S34.115A	Complete lesion of L5 level of lumbar spinal cord, initial encounter
S34.115S	Complete lesion of L5 level of lumbar spinal cord, sequela
S34.119A	Complete lesion of unspecified level of lumbar spinal cord, initial encounter
S34.119S	Complete lesion of unspecified level of lumbar spinal cord, sequela

S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter
S34.121S	Incomplete lesion of L1 level of lumbar spinal cord, sequela
S34.122A	Incomplete lesion of L2 level of lumbar spinal cord, initial encounter
S34.122S	Incomplete lesion of L2 level of lumbar spinal cord, sequela
S34.123A	Incomplete lesion of L3 level of lumbar spinal cord, initial encounter
S34.123S	Incomplete lesion of L3 level of lumbar spinal cord, sequela
S34.124A	Incomplete lesion of L4 level of lumbar spinal cord, initial encounter
S34.124S	Incomplete lesion of L4 level of lumbar spinal cord, sequela
S34.125A	Incomplete lesion of L5 level of lumbar spinal cord, initial encounter
S34.125S	Incomplete lesion of L5 level of lumbar spinal cord, sequela
S34.129A	Incomplete lesion of unspecified level of lumbar spinal cord, initial encounter
S34.129S	Incomplete lesion of unspecified level of lumbar spinal cord, sequela
S34.131A	Complete lesion of sacral spinal cord, initial encounter
S34.131S	Complete lesion of sacral spinal cord, sequela
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter
S34.132S	Incomplete lesion of sacral spinal cord, sequela
S34.139A	Unspecified injury to sacral spinal cord, initial encounter
S34.139S	Unspecified injury to sacral spinal cord, sequela
S34.21XA	Injury of nerve root of lumbar spine, initial encounter
S34.21XS	Injury of nerve root of lumbar spine, sequela
S34.22XA	Injury of nerve root of sacral spine, initial encounter
S34.22XS	Injury of nerve root of sacral spine, sequela
S34.3XXA	Injury of cauda equina, initial encounter
S34.3XXS	Injury of cauda equina, sequela
S34.4XXA	Injury of lumbosacral plexus, initial encounter
S34.4XXS	Injury of lumbosacral plexus, sequela
S44.00XA	Injury of ulnar nerve at upper arm level, unspecified arm, initial encounter
S44.00XS	Injury of ulnar nerve at upper arm level, unspecified arm, sequela
S44.01XA	Injury of ulnar nerve at upper arm level, right arm, initial encounter
S44.01XS	Injury of ulnar nerve at upper arm level, right arm, sequela
S44.02XA	Injury of ulnar nerve at upper arm level, left arm, initial encounter
S44.02XS	Injury of ulnar nerve at upper arm level, left arm, sequela
S44.11XA	Injury of median nerve at upper arm level, right arm, initial encounter
S44.11XS	Injury of median nerve at upper arm level, right arm, sequela
S44.12XA	Injury of median nerve at upper arm level, left arm, initial encounter
S44.12XS	Injury of median nerve at upper arm level, left arm, sequela
S44.21XA	Injury of radial nerve at upper arm level, right arm, initial encounter
S44.21XS	Injury of radial nerve at upper arm level, right arm, sequela
S44.22XA	Injury of radial nerve at upper arm level, left arm, initial encounter
S44.22XS	Injury of radial nerve at upper arm level, left arm, sequela
S44.31XA	Injury of axillary nerve, right arm, initial encounter
S44.31XS	Injury of axillary nerve, right arm, sequela
S44.32XA	Injury of axillary nerve, left arm, initial encounter

S44.32XS	Injury of axillary nerve, left arm, sequela
S44.41XA	Injury of musculocutaneous nerve, right arm, initial encounter
S44.41XS	Injury of musculocutaneous nerve, right arm, sequela
S44.42XA	Injury of musculocutaneous nerve, left arm, initial encounter
S44.42XS	Injury of musculocutaneous nerve, left arm, sequela
S44.51XA	Injury of cutaneous sensory nerve at shoulder and upper arm level, right arm, initial encounter
S44.51XS	Injury of cutaneous sensory nerve at shoulder and upper arm level, right arm, sequela
S44.52XA	Injury of cutaneous sensory nerve at shoulder and upper arm level, left arm, initial encounter
S44.52XS	Injury of cutaneous sensory nerve at shoulder and upper arm level, left arm, sequela
S44.8X1A	Injury of other nerves at shoulder and upper arm level, right arm, initial encounter
S44.8X1S	Injury of other nerves at shoulder and upper arm level, right arm, sequela
S44.8X2A	Injury of other nerves at shoulder and upper arm level, left arm, initial encounter
S44.8X2S	Injury of other nerves at shoulder and upper arm level, left arm, sequela
S44.91XA	Injury of unspecified nerve at shoulder and upper arm level, right arm, initial encounter
S44.91XS	Injury of unspecified nerve at shoulder and upper arm level, right arm, sequela
S44.92XA	Injury of unspecified nerve at shoulder and upper arm level, left arm, initial encounter
S44.92XS	Injury of unspecified nerve at shoulder and upper arm level, left arm, sequela
S54.01XA	Injury of ulnar nerve at forearm level, right arm, initial encounter
S54.01XS	Injury of ulnar nerve at forearm level, right arm, sequela
S54.02XA	Injury of ulnar nerve at forearm level, left arm, initial encounter
S54.02XS	Injury of ulnar nerve at forearm level, left arm, sequela
S54.11XA	Injury of median nerve at forearm level, right arm, initial encounter
S54.11XS	Injury of median nerve at forearm level, right arm, sequela
S54.12XA	Injury of median nerve at forearm level, left arm, initial encounter
S54.12XS	Injury of median nerve at forearm level, left arm, sequela
S54.21XA	Injury of radial nerve at forearm level, right arm, initial encounter
S54.21XS	Injury of radial nerve at forearm level, right arm, sequela
S54.22XA	Injury of radial nerve at forearm level, left arm, initial encounter
S54.22XS	Injury of radial nerve at forearm level, left arm, sequela
S54.31XA	Injury of cutaneous sensory nerve at forearm level, right arm, initial encounter
S54.31XS	Injury of cutaneous sensory nerve at forearm level, right arm, sequela
S54.32XA	Injury of cutaneous sensory nerve at forearm level, left arm, initial encounter
S54.32XS	Injury of cutaneous sensory nerve at forearm level, left arm, sequela
S54.8X1A	Injury of other nerves at forearm level, right arm, initial encounter
S54.8X1S	Injury of other nerves at forearm level, right arm, sequela
S54.8X2A	Injury of other nerves at forearm level, left arm, initial encounter
S54.8X2S	Injury of other nerves at forearm level, left arm, sequela
S54.91XA	Injury of unspecified nerve at forearm level, right arm, initial encounter
S54.92XA	Injury of unspecified nerve at forearm level, left arm, initial encounter
S64.01XA	Injury of ulnar nerve at wrist and hand level of right arm, initial encounter
S64.01XS	Injury of ulnar nerve at wrist and hand level of right arm, sequela
S64.02XA	Injury of ulnar nerve at wrist and hand level of left arm, initial encounter
S64.02XS	Injury of ulnar nerve at wrist and hand level of left arm, sequela

S64.11XA	Injury of median nerve at wrist and hand level of right arm, initial encounter
S64.11XS	Injury of median nerve at wrist and hand level of right arm, sequela
S64.12XA	Injury of median nerve at wrist and hand level of left arm, initial encounter
S64.12XS	Injury of median nerve at wrist and hand level of left arm, sequela
S64.21XA	Injury of radial nerve at wrist and hand level of right arm, initial encounter
S64.21XS	Injury of radial nerve at wrist and hand level of right arm, sequela
S64.22XA	Injury of radial nerve at wrist and hand level of left arm, initial encounter
S64.22XS	Injury of radial nerve at wrist and hand level of left arm, sequela
S64.31XA	Injury of digital nerve of right thumb, initial encounter
S64.31XS	Injury of digital nerve of right thumb, sequela
S64.32XA	Injury of digital nerve of left thumb, initial encounter
S64.32XS	Injury of digital nerve of left thumb, sequela
S64.490A	Injury of digital nerve of right index finger, initial encounter
S64.490S	Injury of digital nerve of right index finger, sequela
S64.491A	Injury of digital nerve of left index finger, initial encounter
S64.491S	Injury of digital nerve of left index finger, sequela
S64.492A	Injury of digital nerve of right middle finger, initial encounter
S64.492S	Injury of digital nerve of right middle finger, sequela
S64.493A	Injury of digital nerve of left middle finger, initial encounter
S64.493S	Injury of digital nerve of left middle finger, sequela
S64.494A	Injury of digital nerve of right ring finger, initial encounter
S64.494S	Injury of digital nerve of right ring finger, sequela
S64.495A	Injury of digital nerve of left ring finger, initial encounter
S64.495S	Injury of digital nerve of left ring finger, sequela
S64.496A	Injury of digital nerve of right little finger, initial encounter
S64.496S	Injury of digital nerve of right little finger, sequela
S64.497A	Injury of digital nerve of left little finger, initial encounter
S64.497S	Injury of digital nerve of left little finger, sequela
S64.498A	Injury of digital nerve of other finger, initial encounter
S64.498S	Injury of digital nerve of other finger, sequela
S64.8X1A	Injury of other nerves at wrist and hand level of right arm, initial encounter
S64.8X1S	Injury of other nerves at wrist and hand level of right arm, sequela
S64.8X2A	Injury of other nerves at wrist and hand level of left arm, initial encounter
S64.8X2S	Injury of other nerves at wrist and hand level of left arm, sequela
S64.91XA	Injury of unspecified nerve at wrist and hand level of right arm, initial encounter
S64.91XS	Injury of unspecified nerve at wrist and hand level of right arm, sequela
S64.92XA	Injury of unspecified nerve at wrist and hand level of left arm, initial encounter
S64.92XS	Injury of unspecified nerve at wrist and hand level of left arm, sequela
S74.01XA	Injury of sciatic nerve at hip and thigh level, right leg, initial encounter
S74.01XS	Injury of sciatic nerve at hip and thigh level, right leg, sequela
S74.02XA	Injury of sciatic nerve at hip and thigh level, left leg, initial encounter
S74.02XS	Injury of sciatic nerve at hip and thigh level, left leg, sequela
S74.11XA	Injury of femoral nerve at hip and thigh level, right leg, initial encounter

S74.11XS	Injury of femoral nerve at hip and thigh level, right leg, sequela
S74.12XA	Injury of femoral nerve at hip and thigh level, left leg, initial encounter
S74.12XS	Injury of femoral nerve at hip and thigh level, left leg, sequela
S74.21XA	Injury of cutaneous sensory nerve at hip and thigh level, right leg, initial encounter
S74.21XS	Injury of cutaneous sensory nerve at hip and thigh level, right leg, sequela
S74.22XA	Injury of cutaneous sensory nerve at hip and thigh level, left leg, initial encounter
S74.22XS	Injury of cutaneous sensory nerve at hip and thigh level, left leg, sequela
S74.8X1A	Injury of other nerves at hip and thigh level, right leg, initial encounter
S74.8X1S	Injury of other nerves at hip and thigh level, right leg, sequela
S74.8X2A	Injury of other nerves at hip and thigh level, left leg, initial encounter
S74.8X2S	Injury of other nerves at hip and thigh level, left leg, sequela
S74.91XA	Injury of unspecified nerve at hip and thigh level, right leg, initial encounter
S74.91XS	Injury of unspecified nerve at hip and thigh level, right leg, sequela
S74.92XA	Injury of unspecified nerve at hip and thigh level, left leg, initial encounter
S74.92XS	Injury of unspecified nerve at hip and thigh level, left leg, sequela
S84.01XA	Injury of tibial nerve at lower leg level, right leg, initial encounter
S84.01XS	Injury of tibial nerve at lower leg level, right leg, sequela
S84.02XA	Injury of tibial nerve at lower leg level, left leg, initial encounter
S84.02XS	Injury of tibial nerve at lower leg level, left leg, sequela
S84.11XA	Injury of peroneal nerve at lower leg level, right leg, initial encounter
S84.11XS	Injury of peroneal nerve at lower leg level, right leg, sequela
S84.12XA	Injury of peroneal nerve at lower leg level, left leg, initial encounter
S84.12XS	Injury of peroneal nerve at lower leg level, left leg, sequela
S84.21XA	Injury of cutaneous sensory nerve at lower leg level, right leg, initial encounter
S84.21XS	Injury of cutaneous sensory nerve at lower leg level, right leg, sequela
S84.22XA	Injury of cutaneous sensory nerve at lower leg level, left leg, initial encounter
S84.22XS	Injury of cutaneous sensory nerve at lower leg level, left leg, sequela
S84.801A	Injury of other nerves at lower leg level, right leg, initial encounter
S84.801S	Injury of other nerves at lower leg level, right leg, sequela
S84.802A	Injury of other nerves at lower leg level, left leg, initial encounter
S84.802S	Injury of other nerves at lower leg level, left leg, sequela
S84.91XA	Injury of unspecified nerve at lower leg level, right leg, initial encounter
S84.91XS	Injury of unspecified nerve at lower leg level, right leg, sequela
S84.92XA	Injury of unspecified nerve at lower leg level, left leg, initial encounter
S84.92XS	Injury of unspecified nerve at lower leg level, left leg, sequela
S94.01XA	Injury of lateral plantar nerve, right leg, initial encounter
S94.01XS	Injury of lateral plantar nerve, right leg, sequela
S94.02XA	Injury of lateral plantar nerve, left leg, initial encounter
S94.02XS	Injury of lateral plantar nerve, left leg, sequela
S94.11XA	Injury of medial plantar nerve, right leg, initial encounter
S94.11XS	Injury of medial plantar nerve, right leg, sequela
S94.12XA	Injury of medial plantar nerve, left leg, initial encounter
S94.12XS	Injury of medial plantar nerve, left leg, sequela

S94.21XA	Injury of deep peroneal nerve at ankle and foot level, right leg, initial encounter
S94.21XS	Injury of deep peroneal nerve at ankle and foot level, right leg, sequela
S94.22XA	Injury of deep peroneal nerve at ankle and foot level, left leg, initial encounter
S94.22XS	Injury of deep peroneal nerve at ankle and foot level, left leg, sequela
S94.31XA	Injury of cutaneous sensory nerve at ankle and foot level, right leg, initial encounter
S94.31XS	Injury of cutaneous sensory nerve at ankle and foot level, right leg, sequela
S94.32XA	Injury of cutaneous sensory nerve at ankle and foot level, left leg, initial encounter
S94.32XS	Injury of cutaneous sensory nerve at ankle and foot level, left leg, sequela
S94.8X1A	Injury of other nerves at ankle and foot level, right leg, initial encounter
S94.8X1S	Injury of other nerves at ankle and foot level, right leg, sequela
S94.8X2A	Injury of other nerves at ankle and foot level, left leg, initial encounter
S94.8X2S	Injury of other nerves at ankle and foot level, left leg, sequela
S94.91XA	Injury of unspecified nerve at ankle and foot level, right leg, initial encounter
S94.91XS	Injury of unspecified nerve at ankle and foot level, right leg, sequela
S94.92XA	Injury of unspecified nerve at ankle and foot level, left leg, initial encounter
S94.92XS	Injury of unspecified nerve at ankle and foot level, left leg, sequela
T68.XXXA	Hypothermia, initial encounter
T68.XXXD	Hypothermia, subsequent encounter
T68.XXXS	Hypothermia, sequela
T84.216A	Breakdown (mechanical) of internal fixation device of vertebrae, initial encounter
T84.216D	Breakdown (mechanical) of internal fixation device of vertebrae, subsequent encounter
T84.216S	Breakdown (mechanical) of internal fixation device of vertebrae, sequela
T84.226A	Displacement of internal fixation device of vertebrae, initial encounter
T84.226D	Displacement of internal fixation device of vertebrae, subsequent encounter
T84.226S	Displacement of internal fixation device of vertebrae, sequela
T84.296A	Other mechanical complication of internal fixation device of vertebrae, initial encounter
T84.296D	Other mechanical complication of internal fixation device of vertebrae, subsequent encounter
T84.296S	Other mechanical complication of internal fixation device of vertebrae, sequela
T84.310A	Breakdown (mechanical) of electronic bone stimulator, initial encounter
T84.310D	Breakdown (mechanical) of electronic bone stimulator, subsequent encounter
T84.310S	Breakdown (mechanical) of electronic bone stimulator, sequela
T84.318A	Breakdown (mechanical) of other bone devices, implants and grafts, initial encounter
T84.318D	Breakdown (mechanical) of other bone devices, implants and grafts, subsequent encounter
T84.318S	Breakdown (mechanical) of other bone devices, implants and grafts, sequela
T84.320A	Displacement of electronic bone stimulator, initial encounter
T84.320D	Displacement of electronic bone stimulator, subsequent encounter
T84.320S	Displacement of electronic bone stimulator, sequela
T84.328A	Displacement of other bone devices, implants and grafts, initial encounter
T84.328D	Displacement of other bone devices, implants and grafts, subsequent encounter
T84.328S	Displacement of other bone devices, implants and grafts, sequela
T84.390A	Other mechanical complication of electronic bone stimulator, initial encounter
T84.390D	Other mechanical complication of electronic bone stimulator, subsequent encounter
T84.390S	Other mechanical complication of electronic bone stimulator, sequela

T84.398A	Other mechanical complication of other bone devices, implants and grafts, initial encounter
T84.398D	Other mechanical complication of other bone devices, implants and grafts, subsequent encounter
T84.398S	Other mechanical complication of other bone devices, implants and grafts, sequela
Z45.41	Encounter for adjustment and management of cerebrospinal fluid drainage device
Z45.42	Encounter for adjustment and management of neurostimulator
Z45.49	Encounter for adjustment and management of other implanted nervous system device

Reimbursement

Participating facilities will be reimbursed per their Highmark WholecareSM contract.

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