

Local Coverage Determination (LCD): Sensory Evoked Potentials & Intraoperative Neurophysiology Monitoring (L34072)

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Contractor Information

Contractor Name	Contract Type	Contract Number	Jurisdiction	State(s)
Noridian Healthcare Solutions, LLC	A and B MAC	02102 - MAC B	J - F	Alaska
Noridian Healthcare Solutions, LLC	A and B MAC	02202 - MAC B	J - F	Idaho
Noridian Healthcare Solutions, LLC	A and B MAC	02302 - MAC B	J - F	Oregon
Noridian Healthcare Solutions, LLC	A and B MAC	02402 - MAC B	J - F	Washington
Noridian Healthcare Solutions, LLC	A and B MAC	03102 - MAC B	J - F	Arizona
Noridian Healthcare Solutions, LLC	A and B MAC	03202 - MAC B	J - F	Montana
Noridian Healthcare Solutions, LLC	A and B MAC	03302 - MAC B	J - F	North Dakota
Noridian Healthcare Solutions, LLC	A and B MAC	03402 - MAC B	J - F	South Dakota
Noridian Healthcare Solutions, LLC	A and B MAC	03502 - MAC B	J - F	Utah
Noridian Healthcare Solutions, LLC	A and B MAC	03602 - MAC B	J - F	Wyoming
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LCD Information

Document Information

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Sensory Evoked Potentials & Intraoperative Neurophysiology Monitoring

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CMS National Coverage Policy

Title XVIII of the Social Security Act, Section 1862(a)(1)(A). This section allows coverage and payment for only those services that are considered to be medically reasonable and necessary.

Title XVIII of the Social Security Act, Section 1833(e). This section prohibits Medicare payment for any claim which lacks the necessary information to process the claim.

National Coverage Determination (NCD) 160-10 regarding coverage of sensory response tests

Coverage Guidance

Coverage Indications, Limitations, and/or Medical Necessity

Neurophysiological studies for purpose of this policy include: somatosensory evoked potentials/responses (SEP/SER), brainstem auditory evoked potentials/responses (BAEP/BAER), visual evoked potentials/responses (VER/VEP) and intraoperative neurophysiology monitoring.

Evoked potential studies are recorded electrical responses to stimulation of a sensory system. When a sensory impulse reaches the brain, a specific electroencephalographic (EEG) response is produced (evoked) in the cortical area appropriate to the modality and site of the stimulus. By computer averaging techniques, the evoked responses of repetitive stimuli can be separated from the spontaneous EEG activity. Evoked potentials are clinically useful in evaluating the functional integrity of the somatosensory or special sensory pathways. Different latencies and wave patterns help to localize lesions ranging from the end organ through the nervous system to the cerebral cortex. Often defects in these pathways are not otherwise evident. Evoked potentials are also used to monitor neural pathways when patients are anesthetized during surgery and to document brain death. The following are tests that evaluate potentials evoked by stimulation of the peripheral or cranial nerves:

SEP/SER evaluate the pathways from nerves in the extremities through the spinal cord, to the brainstem or cerebral cortex upon stimulation of peripheral axon. Some conditions where SEP have demonstrated usefulness include, but are not limited to the following: spinal cord trauma, subacute combined degeneration, nontraumatic spinal cord lesions, e.g., cervical spondylosis, multiple sclerosis, spinocerebellar degeneration, myoclonus, coma, and intraoperative monitoring of spinal cord, brainstem and brain sensory tracts.

SEP has an advantage in that it evaluates the entire somatosensory pathway and it is possible to distinguish

between lesions located in the peripheral nerve, in the dorsal column pathway, or both. There is no need for SEP in the diagnosis of most neuropathies because the conventional nerve conduction study can identify them and no added information is obtained from SEP.

VEP/VER evaluate the visual nervous system pathways from the eyes to the occipital cortex of the brain. VER or VEP involves stimulation of the retina and optic nerve with a shifting checkerboard pattern or flash method. This external visual stimulus causes measurable electrical activity in neurons within the visual pathways. This is called the visual evoked response (VER) and is recorded by electroencephalography electrodes located over the occiput. Using special computer techniques, the evoked responses measured over multiple trials are amplified and averaged. A characteristic waveform is produced. With pattern-shift VER, the waveform normally appears as a straight line with a single positive peak (100 msec after stimulus presentation). Abnormalities in this characteristic waveform may be seen in a variety of pathologic processes involving the optic nerve and its radiations. Pattern-shift VER is a highly sensitive means of documenting lesions in the visual system. It is especially useful when the disease process is subclinical, e.g., ophthalmologic exam is normal and patient lacks visual symptoms.

BAEP/BAER evaluate the auditory nerve pathways from the ears through the brain stem. A clicking sound is presented to one ear at a time. The electrical activity of this signal is recorded by electrodes on the scalp. The averaged response is displayed as a waveform that contains peaks and troughs, which correspond to various points along the hearing pathway. The time between these peaks is measured and compared to normal data. A delay in a component of the response might indicate an abnormality at specific anatomic sites in the acoustic nerve or brainstem.

Intraoperative neurophysiological monitoring is used to identify compromise to the nervous system during certain surgical procedures. Evoked responses are constantly monitored for changes which could imply damage to the nervous system. The intent of this monitoring is to alert the surgeon in order that the surgical procedure may be altered to avoid permanent neurological damage. Such impairments may be due to correctable factors such as circulatory disturbance, excess compression from retraction, bony structures or hematomas, or mechanical stretching. Monitoring can also identify new systemic impairment, identify or separate nervous system structures, e.g., around or in a tumor, and can demonstrate which tracts or nerves are still functional.

Intraoperative neurophysiological monitoring must be medically necessary and must be done by a physician other than the operating surgeon. If the monitoring is done by a technician (technicians cannot bill Medicare), in order for the physician to bill for interpretation, there must be one-on-one real-time contact between the physician and technician.

Somatosensory evoked potentials (SEP) (CPT codes 95925, 95926, 95927, 95938, 95939) are appropriate for the following indications:

- Spinal cord trauma
- Degenerative, non-traumatic spinal cord lesions
- Cervical spondylosis
- Multiple sclerosis
- Spinocerebellar degeneration
- Myoclonus
- Coma

Intraoperative monitoring for:

- Spinal cord surgeries where there is a risk of additional nerve root or spinal cord injury (Not for routine lumbar or cervical root decompression)
- Brainstem surgery
- Brain sensory tract surgery

Brainstem auditory evoked potentials and responses (BAEP, BAER) (CPT codes 92585 and 92586) are appropriate when there is a history of one or more of the following conditions:

- Asymmetric hearing loss
- Unilateral tinnitus
- Sudden hearing loss
- Suspected cerebellopontine angle tumor
- Suspected demyelinating disorder
- Suspected functional hearing loss

- Ototoxic drug therapy monitoring including chemotherapy or antibiotics
- Suspected auditory neuropathy
- Suspected acoustic neuroma
- Neurofibromatosis
- Meniere's Disease
- Disorders of acoustic nerve and trauma

Preoperative baseline for:

Posterior fossa surgery

Cochlear implant

Intraoperative monitoring for:

Acoustic neuroma

Vestibular nerve section

Vascular loop decompression

Glomus tumor

Auditory brainstem implant

Postoperative testing for:

Cochlear implant

Visual evoked potentials or response (VEP, VER) (CPT code 95930) are appropriate for the following indications:

- Confirm diagnosis of multiple sclerosis when clinical criteria are inconclusive
- Detect optic neuritis at an early, subclinical stage
- Evaluate diseases of the optic nerve, such as:
 - Ischemic optic neuropathy
 - Pseudotumor cerebri
 - Toxic amblyopias
 - Nutritional amblyopias
 - Neoplasms compressing the anterior visual pathways
- Evaluate optic nerve injury
- Rule out hysterical blindness
- Monitor the visual system during optic nerve (or related) surgery (monitoring of short-latency evoked potential studies)

Intraoperative neurophysiology testing (CPT code 95940, G0453) is appropriate for the following indications:

- SEP/SER to monitor cerebral ischemia, sensory cortex identification to define the limits of cortical resection and spinal cord surgeries.
- BAEP/BAER monitoring during posterior fossa procedures, functional localization of cortex with direct cortical stimulation, to assess the auditory pathways within the brainstem, possible ischemia at the cochlea and eighth nerve.

When performing SEP/SER, depending on the clinical condition being investigated, several nerves in one extremity may have to be tested and compared with the opposite limb.

Compliance with the provisions in this policy is subject to monitoring by post payment data analysis and subsequent medical review.

Summary of Evidence

N/A

Analysis of Evidence (Rationale for Determination)

N/A

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Coding Information

Bill Type Codes:

Contractors may specify Bill Types to help providers identify those Bill Types typically used to report this service. Absence of a Bill Type does not guarantee that the policy does not apply to that Bill Type. Complete absence of all Bill Types indicates that coverage is not influenced by Bill Type and the policy should be assumed to apply equally to all claims.

N/A

Revenue Codes:

Contractors may specify Revenue Codes to help providers identify those Revenue Codes typically used to report this service. In most instances Revenue Codes are purely advisory. Unless specified in the policy, services reported under other Revenue Codes are equally subject to this coverage determination. Complete absence of all Revenue Codes indicates that coverage is not influenced by Revenue Code and the policy should be assumed to apply equally to all Revenue Codes.

N/A

CPT/HCPCS Codes

Group 1 Paragraph: N/A

Group 1 Codes:

- 92585 AUDITORY EVOKED POTENTIALS FOR EVOKED RESPONSE AUDIOMETRY AND/OR TESTING OF THE CENTRAL NERVOUS SYSTEM; COMPREHENSIVE
- 92586 AUDITORY EVOKED POTENTIALS FOR EVOKED RESPONSE AUDIOMETRY AND/OR TESTING OF THE CENTRAL NERVOUS SYSTEM; LIMITED
- 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
- 95930 VISUAL EVOKED POTENTIAL (VEP) TESTING CENTRAL NERVOUS SYSTEM, CHECKERBOARD OR FLASH
- 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)

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)

ICD-10 Codes that Support Medical Necessity

Group 1 Paragraph:

Note: Diagnosis codes are based on the current ICD-10-CM codes that are effective at the time of LCD publication. Any updates to ICD-10-CM codes will be reviewed by Noridian, and coverage should not be presumed until the results of such review have been published/posted.

These are the only covered ICD-10-CM codes that support medical necessity:

Group 1 Codes:

ICD-10 Codes	Description
A18.01	Tuberculosis of spine
A39.82	Meningococcal retrobulbar neuritis
A52.11	Tabes dorsalis
A52.12	Other cerebrospinal syphilis
A52.13	Late syphilitic meningitis
A52.14	Late syphilitic encephalitis
A52.15	Late syphilitic neuropathy
A52.16	Charcot's arthropathy (tabetic)
A52.17	General paresis
A52.19	Other symptomatic neurosyphilis
A52.2	Asymptomatic neurosyphilis
A69.21	Meningitis due to Lyme disease
A69.22	Other neurologic disorders in Lyme disease
A69.23	Arthritis due to Lyme disease
A69.29	Other conditions associated with Lyme disease
A83.0	Japanese encephalitis
A83.1	Western equine encephalitis
A83.2	Eastern equine encephalitis
A83.3	St Louis encephalitis
A83.4	Australian encephalitis
A83.5	California encephalitis
A83.6	Rocio virus disease
A83.8	Other mosquito-borne viral encephalitis
A84.0	Far Eastern tick-borne encephalitis [Russian spring-summer encephalitis]
A84.1	Central European tick-borne encephalitis
A84.8	Other tick-borne viral encephalitis
B00.4	Herpesviral encephalitis
B05.0	Measles complicated by encephalitis
B06.01	Rubella encephalitis
C41.2	Malignant neoplasm of vertebral column
C70.0	Malignant neoplasm of cerebral meninges
C70.1	Malignant neoplasm of spinal meninges
C72.0	Malignant neoplasm of spinal cord
C72.1	Malignant neoplasm of cauda equina
C72.21	Malignant neoplasm of right olfactory nerve
C72.22	Malignant neoplasm of left olfactory nerve
C72.31	Malignant neoplasm of right optic nerve
C72.32	Malignant neoplasm of left optic nerve
C72.41	Malignant neoplasm of right acoustic nerve
C72.42	Malignant neoplasm of left acoustic nerve
C72.59	Malignant neoplasm of other cranial nerves
C79.31	Secondary malignant neoplasm of brain
C79.32	Secondary malignant neoplasm of cerebral meninges

ICD-10 Codes	Description
C79.49	Secondary malignant neoplasm of other parts of nervous system
C83.01	Small cell B-cell lymphoma, lymph nodes of head, face, and neck
C83.02	Small cell B-cell lymphoma, intrathoracic lymph nodes
C83.03	Small cell B-cell lymphoma, intra-abdominal lymph nodes
C83.04	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb
C83.05	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb
C83.06	Small cell B-cell lymphoma, intrapelvic lymph nodes
C83.07	Small cell B-cell lymphoma, spleen
C83.08	Small cell B-cell lymphoma, lymph nodes of multiple sites
C83.09	Small cell B-cell lymphoma, extranodal and solid organ sites
C83.81	Other non-follicular lymphoma, lymph nodes of head, face, and neck
C83.82	Other non-follicular lymphoma, intrathoracic lymph nodes
C83.83	Other non-follicular lymphoma, intra-abdominal lymph nodes
C83.84	Other non-follicular lymphoma, lymph nodes of axilla and upper limb
C83.85	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb
C83.86	Other non-follicular lymphoma, intrapelvic lymph nodes
C83.87	Other non-follicular lymphoma, spleen
C83.88	Other non-follicular lymphoma, lymph nodes of multiple sites
C83.89	Other non-follicular lymphoma, extranodal and solid organ sites
C86.5	Angioimmunoblastic T-cell lymphoma
C86.6	Primary cutaneous CD30-positive T-cell proliferations
D32.0	Benign neoplasm of cerebral meninges
D32.1	Benign neoplasm of spinal meninges
D33.0	Benign neoplasm of brain, supratentorial
D33.1	Benign neoplasm of brain, infratentorial
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
D42.0	Neoplasm of uncertain behavior of cerebral meninges
D42.1	Neoplasm of uncertain behavior of spinal meninges
D43.0	Neoplasm of uncertain behavior of brain, supratentorial
D43.1	Neoplasm of uncertain behavior of brain, infratentorial
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
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
E03.5	Myxedema coma
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy
E13.44	Other specified diabetes mellitus with diabetic amyotrophy
F44.4	Conversion disorder with motor symptom or deficit
F44.5	Conversion disorder with seizures or convulsions

ICD-10 Codes	Description
F44.6	Conversion disorder with sensory symptom or deficit
F44.7	Conversion disorder with mixed symptom presentation
G06.1	Intraspinal abscess and granuloma
G11.0	Congenital nonprogressive ataxia
G11.1	Early-onset cerebellar ataxia
G11.2	Late-onset cerebellar ataxia
G11.3	Cerebellar ataxia with defective DNA repair
G11.4	Hereditary spastic paraplegia
G11.8	Other hereditary ataxias
G13.0	Paraneoplastic neuromyopathy and neuropathy
G13.1	Other systemic atrophy primarily affecting central nervous system in neoplastic disease
G23.0	Hallervorden-Spatz disease
G23.1	Progressive supranuclear ophthalmoplegia [Steele-Richardson-Olszewski]
G23.2	Striatonigral degeneration
G23.8	Other specified degenerative diseases of basal ganglia
G24.09	Other drug induced dystonia
G24.2	Idiopathic nonfamilial dystonia
G24.8	Other dystonia
G32.0	Subacute combined degeneration of spinal cord in diseases classified elsewhere
G32.81	Cerebellar ataxia in diseases classified elsewhere
G35	Multiple sclerosis
G36.0	Neuromyelitis optica [Devic]
G36.1	Acute and subacute hemorrhagic leukoencephalitis [Hurst]
G36.8	Other specified acute disseminated demyelination
G37.0	Diffuse sclerosis of central nervous system
G37.1	Central demyelination of corpus callosum
G37.2	Central pontine myelinolysis
G37.3	Acute transverse myelitis in demyelinating disease of central nervous system
G37.4	Subacute necrotizing myelitis of central nervous system
G37.5	Concentric sclerosis [Balo] of central nervous system
G37.8	Other specified demyelinating diseases of central nervous system
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
G46.0	Middle cerebral artery syndrome
G46.1	Anterior cerebral artery syndrome
G46.2	Posterior cerebral artery syndrome
G50.0	Trigeminal neuralgia
G50.1	Atypical facial pain
G50.8	Other disorders of trigeminal nerve
G51.0	Bell's palsy
G51.1	Geniculate ganglionitis
G51.2	Melkersson's syndrome
G51.3	Clonic hemifacial spasm
G51.4	Facial myokymia
G51.8	Other disorders of facial nerve
G52.0	Disorders of olfactory nerve
G52.1	Disorders of glossopharyngeal nerve
G52.2	Disorders of vagus nerve
G52.3	Disorders of hypoglossal nerve
G52.7	Disorders of multiple cranial nerves
G52.8	Disorders of other specified cranial nerves
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

ICD-10 Codes	Description
G54.4	Lumbosacral root disorders, not elsewhere classified
G54.5	Neuralgic amyotrophy
G54.6	Phantom limb syndrome with pain
G54.7	Phantom limb syndrome without pain
G54.8	Other nerve root and plexus disorders
G55	Nerve root and plexus compressions in diseases classified elsewhere
G56.01	Carpal tunnel syndrome, right upper limb
G56.02	Carpal tunnel syndrome, left upper limb
G56.03	Carpal tunnel syndrome, bilateral upper limbs
G56.11	Other lesions of median nerve, right upper limb
G56.12	Other lesions of median nerve, left upper limb
G56.13	Other lesions of median nerve, bilateral upper limbs
G56.21	Lesion of ulnar nerve, right upper limb
G56.22	Lesion of ulnar nerve, left upper limb
G56.23	Lesion of ulnar nerve, bilateral upper limbs
G56.31	Lesion of radial nerve, right upper limb
G56.32	Lesion of radial nerve, left upper limb
G56.33	Lesion of radial nerve, bilateral upper limbs
G56.41	Causalgia of right upper limb
G56.42	Causalgia of left upper limb
G56.43	Causalgia of bilateral upper limbs
G56.81	Other specified mononeuropathies of right upper limb
G56.82	Other specified mononeuropathies of left upper limb
G56.83	Other specified mononeuropathies of bilateral upper limbs
G56.93	Unspecified mononeuropathy of bilateral upper limbs
G57.01	Lesion of sciatic nerve, right lower limb
G57.02	Lesion of sciatic nerve, left lower limb
G57.03	Lesion of sciatic nerve, bilateral lower limbs
G57.11	Meralgia paresthetica, right lower limb
G57.12	Meralgia paresthetica, left lower limb
G57.13	Meralgia paresthetica, bilateral lower limbs
G57.21	Lesion of femoral nerve, right lower limb
G57.22	Lesion of femoral nerve, left lower limb
G57.23	Lesion of femoral nerve, bilateral lower limbs
G57.31	Lesion of lateral popliteal nerve, right lower limb
G57.32	Lesion of lateral popliteal nerve, left lower limb
G57.33	Lesion of lateral popliteal nerve, bilateral lower limbs
G57.41	Lesion of medial popliteal nerve, right lower limb
G57.42	Lesion of medial popliteal nerve, left lower limb
G57.43	Lesion of medial popliteal nerve, bilateral lower limbs
G57.51	Tarsal tunnel syndrome, right lower limb
G57.52	Tarsal tunnel syndrome, left lower limb
G57.53	Tarsal tunnel syndrome, bilateral lower limbs
G57.61	Lesion of plantar nerve, right lower limb
G57.62	Lesion of plantar nerve, left lower limb
G57.63	Lesion of plantar nerve, bilateral lower limbs
G57.71	Causalgia of right lower limb
G57.72	Causalgia of left lower limb
G57.73	Causalgia of bilateral lower limbs
G57.81	Other specified mononeuropathies of right lower limb
G57.82	Other specified mononeuropathies of left lower limb
G57.83	Other specified mononeuropathies of bilateral lower limbs
G57.93	Unspecified mononeuropathy of bilateral lower limbs
G58.0	Intercostal neuropathy
G58.7	Mononeuritis multiplex
G58.8	Other specified mononeuropathies
G59	Mononeuropathy in diseases classified elsewhere

ICD-10 Codes	Description
G60.0	Hereditary motor and sensory neuropathy
G60.1	Refsum's disease
G60.2	Neuropathy in association with hereditary ataxia
G60.3	Idiopathic progressive neuropathy
G60.8	Other hereditary and idiopathic neuropathies
G61.0	Guillain-Barre syndrome
G61.1	Serum neuropathy
G61.81	Chronic inflammatory demyelinating polyneuritis
G61.82	Multifocal motor neuropathy
G61.89	Other inflammatory polyneuropathies
G62.0	Drug-induced polyneuropathy
G62.1	Alcoholic polyneuropathy
G62.2	Polyneuropathy due to other toxic agents
G62.81	Critical illness polyneuropathy
G62.82	Radiation-induced polyneuropathy
G62.89	Other specified polyneuropathies
G63	Polyneuropathy in diseases classified elsewhere
G64	Other disorders of peripheral nervous system
G65.0	Sequelae of Guillain-Barre syndrome
G65.1	Sequelae of other inflammatory polyneuropathy
G65.2	Sequelae of toxic polyneuropathy
G70.00	Myasthenia gravis without (acute) exacerbation
G70.01	Myasthenia gravis with (acute) exacerbation
G70.1	Toxic myoneural disorders
G70.2	Congenital and developmental myasthenia
G70.89	Other specified myoneural disorders
G73.3	Myasthenic syndromes in other diseases classified elsewhere
G80.0	Spastic quadriplegic cerebral palsy
G80.1	Spastic diplegic cerebral palsy
G80.2	Spastic hemiplegic cerebral palsy
G80.4	Ataxic cerebral palsy
G80.8	Other cerebral palsy
G81.01	Flaccid hemiplegia affecting right dominant side
G81.02	Flaccid hemiplegia affecting left dominant side
G81.03	Flaccid hemiplegia affecting right nondominant side
G81.04	Flaccid hemiplegia affecting left nondominant side
G81.11	Spastic hemiplegia affecting right dominant side
G81.12	Spastic hemiplegia affecting left dominant side
G81.13	Spastic hemiplegia affecting right nondominant side
G81.14	Spastic hemiplegia affecting left nondominant side
G90.3	Multi-system degeneration of the autonomic nervous system
G93.2	Benign intracranial hypertension
G95.0	Syringomyelia and syringobulbia
G95.11	Acute infarction of spinal cord (embolic) (nonembolic)
G95.19	Other vascular myelopathies
G95.29	Other cord compression
G95.81	Conus medullaris syndrome
G95.89	Other specified diseases of spinal cord
G96.0	Cerebrospinal fluid leak
G99.2	Myelopathy in diseases classified elsewhere
H46.01	Optic papillitis, right eye
H46.02	Optic papillitis, left eye
H46.03	Optic papillitis, bilateral
H46.11	Retrobulbar neuritis, right eye
H46.12	Retrobulbar neuritis, left eye
H46.13	Retrobulbar neuritis, bilateral
H46.2	Nutritional optic neuropathy
H46.3	Toxic optic neuropathy

ICD-10 Codes	Description
H46.8	Other optic neuritis
H47.011	Ischemic optic neuropathy, right eye
H47.012	Ischemic optic neuropathy, left eye
H47.013	Ischemic optic neuropathy, bilateral
H47.021	Hemorrhage in optic nerve sheath, right eye
H47.022	Hemorrhage in optic nerve sheath, left eye
H47.023	Hemorrhage in optic nerve sheath, bilateral
H47.091	Other disorders of optic nerve, not elsewhere classified, right eye
H47.092	Other disorders of optic nerve, not elsewhere classified, left eye
H47.093	Other disorders of optic nerve, not elsewhere classified, bilateral
H47.11	Papilledema associated with increased intracranial pressure
H47.12	Papilledema associated with decreased ocular pressure
H47.13	Papilledema associated with retinal disorder
H47.141	Foster-Kennedy syndrome, right eye
H47.142	Foster-Kennedy syndrome, left eye
H47.143	Foster-Kennedy syndrome, bilateral
H47.211	Primary optic atrophy, right eye
H47.212	Primary optic atrophy, left eye
H47.213	Primary optic atrophy, bilateral
H47.22	Hereditary optic atrophy
H47.231	Glaucomatous optic atrophy, right eye
H47.232	Glaucomatous optic atrophy, left eye
H47.233	Glaucomatous optic atrophy, bilateral
H47.291	Other optic atrophy, right eye
H47.292	Other optic atrophy, left eye
H47.293	Other optic atrophy, bilateral
H47.311	Coloboma of optic disc, right eye
H47.312	Coloboma of optic disc, left eye
H47.313	Coloboma of optic disc, bilateral
H47.321	Drusen of optic disc, right eye
H47.322	Drusen of optic disc, left eye
H47.323	Drusen of optic disc, bilateral
H47.331	Pseudopapilledema of optic disc, right eye
H47.332	Pseudopapilledema of optic disc, left eye
H47.333	Pseudopapilledema of optic disc, bilateral
H47.391	Other disorders of optic disc, right eye
H47.392	Other disorders of optic disc, left eye
H47.393	Other disorders of optic disc, bilateral
H47.41	Disorders of optic chiasm in (due to) inflammatory disorders
H47.42	Disorders of optic chiasm in (due to) neoplasm
H47.43	Disorders of optic chiasm in (due to) vascular disorders
H47.49	Disorders of optic chiasm in (due to) other disorders
H47.511	Disorders of visual pathways in (due to) inflammatory disorders, right side
H47.512	Disorders of visual pathways in (due to) inflammatory disorders, left side
H47.521	Disorders of visual pathways in (due to) neoplasm, right side
H47.522	Disorders of visual pathways in (due to) neoplasm, left side
H47.531	Disorders of visual pathways in (due to) vascular disorders, right side
H47.532	Disorders of visual pathways in (due to) vascular disorders, left side
H47.611	Cortical blindness, right side of brain
H47.612	Cortical blindness, left side of brain
H47.621	Disorders of visual cortex in (due to) inflammatory disorders, right side of brain
H47.622	Disorders of visual cortex in (due to) inflammatory disorders, left side of brain
H47.631	Disorders of visual cortex in (due to) neoplasm, right side of brain
H47.632	Disorders of visual cortex in (due to) neoplasm, left side of brain
H47.641	Disorders of visual cortex in (due to) vascular disorders, right side of brain
H47.642	Disorders of visual cortex in (due to) vascular disorders, left side of brain
H53.011	Deprivation amblyopia, right eye

ICD-10 Codes	Description
H53.012	Deprivation amblyopia, left eye
H53.013	Deprivation amblyopia, bilateral
H53.021	Refractive amblyopia, right eye
H53.022	Refractive amblyopia, left eye
H53.023	Refractive amblyopia, bilateral
H53.031	Strabismic amblyopia, right eye
H53.032	Strabismic amblyopia, left eye
H53.033	Strabismic amblyopia, bilateral
H53.11	Day blindness
H53.121	Transient visual loss, right eye
H53.122	Transient visual loss, left eye
H53.123	Transient visual loss, bilateral
H53.131	Sudden visual loss, right eye
H53.132	Sudden visual loss, left eye
H53.133	Sudden visual loss, bilateral
H53.141	Visual discomfort, right eye
H53.142	Visual discomfort, left eye
H53.143	Visual discomfort, bilateral
H53.15	Visual distortions of shape and size
H53.16	Psychophysical visual disturbances
H53.19	Other subjective visual disturbances
H53.2	Diplopia
H53.31	Abnormal retinal correspondence
H53.32	Fusion with defective stereopsis
H53.33	Simultaneous visual perception without fusion
H53.34	Suppression of binocular vision
H53.411	Scotoma involving central area, right eye
H53.412	Scotoma involving central area, left eye
H53.413	Scotoma involving central area, bilateral
H53.421	Scotoma of blind spot area, right eye
H53.422	Scotoma of blind spot area, left eye
H53.423	Scotoma of blind spot area, bilateral
H53.431	Sector or arcuate defects, right eye
H53.432	Sector or arcuate defects, left eye
H53.433	Sector or arcuate defects, bilateral
H53.451	Other localized visual field defect, right eye
H53.452	Other localized visual field defect, left eye
H53.453	Other localized visual field defect, bilateral
H53.461	Homonymous bilateral field defects, right side
H53.462	Homonymous bilateral field defects, left side
H53.47	Heteronymous bilateral field defects
H53.481	Generalized contraction of visual field, right eye
H53.482	Generalized contraction of visual field, left eye
H53.483	Generalized contraction of visual field, bilateral
H53.51	Achromatopsia
H53.52	Acquired color vision deficiency
H53.53	Deuteranomaly
H53.54	Protanomaly
H53.55	Tritanomaly
H53.59	Other color vision deficiencies
H53.61	Abnormal dark adaptation curve
H53.62	Acquired night blindness
H53.63	Congenital night blindness
H53.69	Other night blindness
H53.71	Glare sensitivity
H53.72	Impaired contrast sensitivity
H53.8	Other visual disturbances
H81.01	Meniere's disease, right ear

ICD-10 Codes	Description
H81.02	Meniere's disease, left ear
H81.03	Meniere's disease, bilateral
H81.11	Benign paroxysmal vertigo, right ear
H81.12	Benign paroxysmal vertigo, left ear
H81.13	Benign paroxysmal vertigo, bilateral
H81.21	Vestibular neuronitis, right ear
H81.22	Vestibular neuronitis, left ear
H81.23	Vestibular neuronitis, bilateral
H81.311	Aural vertigo, right ear
H81.312	Aural vertigo, left ear
H81.313	Aural vertigo, bilateral
H81.391	Other peripheral vertigo, right ear
H81.392	Other peripheral vertigo, left ear
H81.393	Other peripheral vertigo, bilateral
H81.41	Vertigo of central origin, right ear
H81.42	Vertigo of central origin, left ear
H81.43	Vertigo of central origin, bilateral
H81.8X1	Other disorders of vestibular function, right ear
H81.8X2	Other disorders of vestibular function, left ear
H81.8X3	Other disorders of vestibular function, bilateral
H82.1	Vertiginous syndromes in diseases classified elsewhere, right ear
H82.2	Vertiginous syndromes in diseases classified elsewhere, left ear
H82.3	Vertiginous syndromes in diseases classified elsewhere, bilateral
H83.01	Labyrinthitis, right ear
H83.02	Labyrinthitis, left ear
H83.03	Labyrinthitis, bilateral
H83.11	Labyrinthine fistula, right ear
H83.12	Labyrinthine fistula, left ear
H83.13	Labyrinthine fistula, bilateral
H83.2X1	Labyrinthine dysfunction, right ear
H83.2X2	Labyrinthine dysfunction, left ear
H83.2X3	Labyrinthine dysfunction, bilateral
H83.3X1	Noise effects on right inner ear
H83.3X2	Noise effects on left inner ear
H83.3X3	Noise effects on inner ear, bilateral
H83.8X1	Other specified diseases of right inner ear
H83.8X2	Other specified diseases of left inner ear
H83.8X3	Other specified diseases of inner ear, bilateral
H90.0	Conductive hearing loss, bilateral
H90.11	Conductive hearing loss, unilateral, right ear, with unrestricted hearing on the contralateral side
H90.12	Conductive hearing loss, unilateral, left ear, with unrestricted hearing on the contralateral side
H90.3	Sensorineural hearing loss, bilateral
H90.41	Sensorineural hearing loss, unilateral, right ear, with unrestricted hearing on the contralateral side
H90.42	Sensorineural hearing loss, unilateral, left ear, with unrestricted hearing on the contralateral side
H90.6	Mixed conductive and sensorineural hearing loss, bilateral
H90.71	Mixed conductive and sensorineural hearing loss, unilateral, right ear, with unrestricted hearing on the contralateral side
H90.72	Mixed conductive and sensorineural hearing loss, unilateral, left ear, with unrestricted hearing on the contralateral side
H90.A11	Conductive hearing loss, unilateral, right ear with restricted hearing on the contralateral side
H90.A12	Conductive hearing loss, unilateral, left ear with restricted hearing on the contralateral side
H90.A21	Sensorineural hearing loss, unilateral, right ear, with restricted hearing on the contralateral side
H90.A22	Sensorineural hearing loss, unilateral, left ear, with restricted hearing on the contralateral side
H90.A31	Mixed conductive and sensorineural hearing loss, unilateral, right ear with restricted hearing on the contralateral side
H90.A32	Mixed conductive and sensorineural hearing loss, unilateral, left ear with restricted hearing on the contralateral side
H91.01	Ototoxic hearing loss, right ear

ICD-10 Codes	Description
H91.02	Ototoxic hearing loss, left ear
H91.03	Ototoxic hearing loss, bilateral
H91.11	Presbycusis, right ear
H91.12	Presbycusis, left ear
H91.13	Presbycusis, bilateral
H91.21	Sudden idiopathic hearing loss, right ear
H91.22	Sudden idiopathic hearing loss, left ear
H91.23	Sudden idiopathic hearing loss, bilateral
H91.3	Deaf nonspeaking, not elsewhere classified
H91.8X1	Other specified hearing loss, right ear
H91.8X2	Other specified hearing loss, left ear
H91.8X3	Other specified hearing loss, bilateral
H92.01	Otalgia, right ear
H92.02	Otalgia, left ear
H92.03	Otalgia, bilateral
H92.11	Otorrhea, right ear
H92.12	Otorrhea, left ear
H92.13	Otorrhea, bilateral
H92.21	Otorrhagia, right ear
H92.22	Otorrhagia, left ear
H92.23	Otorrhagia, bilateral
H93.011	Transient ischemic deafness, right ear
H93.012	Transient ischemic deafness, left ear
H93.013	Transient ischemic deafness, bilateral
H93.11	Tinnitus, right ear
H93.12	Tinnitus, left ear
H93.13	Tinnitus, bilateral
H93.A1	Pulsatile tinnitus, right ear
H93.A2	Pulsatile tinnitus, left ear
H93.A3	Pulsatile tinnitus, bilateral
H93.A9	Pulsatile tinnitus, unspecified ear
H93.211	Auditory recruitment, right ear
H93.212	Auditory recruitment, left ear
H93.213	Auditory recruitment, bilateral
H93.221	Diplacusis, right ear
H93.222	Diplacusis, left ear
H93.223	Diplacusis, bilateral
H93.231	Hyperacusis, right ear
H93.232	Hyperacusis, left ear
H93.233	Hyperacusis, bilateral
H93.241	Temporary auditory threshold shift, right ear
H93.242	Temporary auditory threshold shift, left ear
H93.243	Temporary auditory threshold shift, bilateral
H93.291	Other abnormal auditory perceptions, right ear
H93.292	Other abnormal auditory perceptions, left ear
H93.293	Other abnormal auditory perceptions, bilateral
H93.3X1	Disorders of right acoustic nerve
H93.3X2	Disorders of left acoustic nerve
H93.3X3	Disorders of bilateral acoustic nerves
H93.8X1	Other specified disorders of right ear
H93.8X2	Other specified disorders of left ear
H93.8X3	Other specified disorders of ear, bilateral
H94.01	Acoustic neuritis in infectious and parasitic diseases classified elsewhere, right ear
H94.02	Acoustic neuritis in infectious and parasitic diseases classified elsewhere, left ear
H94.03	Acoustic neuritis in infectious and parasitic diseases classified elsewhere, bilateral
H94.81	Other specified disorders of right ear in diseases classified elsewhere
H94.82	Other specified disorders of left ear in diseases classified elsewhere
H94.83	Other specified disorders of ear in diseases classified elsewhere, bilateral

ICD-10 Codes	Description
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
I60.8	Other nontraumatic subarachnoid hemorrhage
I61.0	Nontraumatic intracerebral hemorrhage in hemisphere, subcortical
I61.1	Nontraumatic intracerebral hemorrhage in hemisphere, cortical
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
I62.01	Nontraumatic acute subdural hemorrhage
I62.02	Nontraumatic subacute subdural hemorrhage
I62.03	Nontraumatic chronic subdural hemorrhage
I62.1	Nontraumatic extradural hemorrhage
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
I63.02	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
I63.09	Cerebral infarction due to thrombosis of other 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
I63.213	Cerebral infarction due to unspecified occlusion or stenosis of bilateral vertebral arteries
I63.233	Cerebral infarction due to unspecified occlusion or stenosis of bilateral carotid arteries
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
I63.321	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
I63.331	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 to thrombosis of bilateral posterior cerebral arteries
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 to thrombosis of bilateral cerebellar arteries
I63.39	Cerebral infarction due to thrombosis of other 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

ICD-10 Codes	Description
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
I63.431	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
I63.441	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
I63.49	Cerebral infarction due to embolism of other cerebral artery
I63.513	Cerebral infarction due to unspecified occlusion or stenosis of bilateral middle cerebral arteries
I63.523	Cerebral infarction due to unspecified occlusion or stenosis of bilateral anterior cerebral arteries
I63.533	Cerebral infarction due to unspecified occlusion or stenosis of bilateral posterior cerebral arteries
I63.543	Cerebral infarction due to unspecified occlusion or stenosis of bilateral cerebellar arteries
I63.6	Cerebral infarction due to cerebral venous thrombosis, nonpyogenic
I63.8	Other cerebral infarction
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
I65.1	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
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
I66.11	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
I67.1	Cerebral aneurysm, nonruptured
I67.841	Reversible cerebrovascular vasoconstriction syndrome
I67.848	Other cerebrovascular vasospasm and vasoconstriction
I71.01	Dissection of thoracic aorta
I71.02	Dissection of abdominal aorta
I71.03	Dissection of thoracoabdominal aorta
I71.1	Thoracic aortic aneurysm, ruptured
I71.2	Thoracic aortic aneurysm, without rupture
I71.3	Abdominal aortic aneurysm, ruptured
I71.4	Abdominal aortic aneurysm, without rupture
I71.5	Thoracoabdominal aortic aneurysm, ruptured
I71.6	Thoracoabdominal aortic aneurysm, without rupture
I72.6	Aneurysm of vertebral artery
I79.0	Aneurysm of aorta in diseases classified elsewhere
M05.511	Rheumatoid polyneuropathy with rheumatoid arthritis of right shoulder
M05.512	Rheumatoid polyneuropathy with rheumatoid arthritis of left shoulder
M05.521	Rheumatoid polyneuropathy with rheumatoid arthritis of right elbow
M05.522	Rheumatoid polyneuropathy with rheumatoid arthritis of left elbow
M05.531	Rheumatoid polyneuropathy with rheumatoid arthritis of right wrist
M05.532	Rheumatoid polyneuropathy with rheumatoid arthritis of left wrist
M05.541	Rheumatoid polyneuropathy with rheumatoid arthritis of right hand
M05.542	Rheumatoid polyneuropathy with rheumatoid arthritis of left hand
M05.551	Rheumatoid polyneuropathy with rheumatoid arthritis of right hip

ICD-10 Codes	Description
M05.552	Rheumatoid polyneuropathy with rheumatoid arthritis of left hip
M05.561	Rheumatoid polyneuropathy with rheumatoid arthritis of right knee
M05.562	Rheumatoid polyneuropathy with rheumatoid arthritis of left knee
M05.571	Rheumatoid polyneuropathy with rheumatoid arthritis of right ankle and foot
M05.572	Rheumatoid polyneuropathy with rheumatoid arthritis of left ankle and foot
M05.59	Rheumatoid polyneuropathy with rheumatoid arthritis of multiple sites
M34.83	Systemic sclerosis with polyneuropathy
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
M40.292	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
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

ICD-10 Codes	Description
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
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
M50.01	Cervical disc disorder with myelopathy, high cervical region
M50.03	Cervical disc disorder with myelopathy, 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
M53.0	Cervicocranial syndrome
M53.1	Cervicobrachial syndrome
M96.2	Postradiation kyphosis
M96.3	Postlaminectomy kyphosis
M96.4	Postsurgical lordosis
M96.5	Postradiation scoliosis
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
Q05.5	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
Q07.00	Arnold-Chiari syndrome without spina bifida or hydrocephalus
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

ICD-10 Codes	Description
Q85.01	Neurofibromatosis, type 1
Q85.02	Neurofibromatosis, type 2
Q85.03	Schwannomatosis
R20.0	Anesthesia of skin
R20.1	Hypoesthesia of skin
R20.2	Paresthesia of skin
R20.3	Hyperesthesia
R20.8	Other disturbances of skin sensation
R26.0	Ataxic gait
R26.1	Paralytic gait
R26.81	Unsteadiness on feet
R26.89	Other abnormalities of gait and mobility
R27.8	Other lack of coordination
R29.5	Transient paralysis
R40.2111	Coma scale, eyes open, never, in the field [EMT or ambulance]
R40.2112	Coma scale, eyes open, never, at arrival to emergency department
R40.2113	Coma scale, eyes open, never, at hospital admission
R40.2114	Coma scale, eyes open, never, 24 hours or more after hospital admission
R40.2121	Coma scale, eyes open, to pain, in the field [EMT or ambulance]
R40.2122	Coma scale, eyes open, to pain, at arrival to emergency department
R40.2123	Coma scale, eyes open, to pain, at hospital admission
R40.2124	Coma scale, eyes open, to pain, 24 hours or more after hospital admission
R40.2211	Coma scale, best verbal response, none, in the field [EMT or ambulance]
R40.2212	Coma scale, best verbal response, none, at arrival to emergency department
R40.2213	Coma scale, best verbal response, none, at hospital admission
R40.2214	Coma scale, best verbal response, none, 24 hours or more after hospital admission
R40.2221	Coma scale, best verbal response, incomprehensible words, in the field [EMT or ambulance]
R40.2222	Coma scale, best verbal response, incomprehensible words, at arrival to emergency department
R40.2223	Coma scale, best verbal response, incomprehensible words, at hospital admission
R40.2224	Coma scale, best verbal response, incomprehensible words, 24 hours or more after hospital admission
R40.2311	Coma scale, best motor response, none, in the field [EMT or ambulance]
R40.2312	Coma scale, best motor response, none, at arrival to emergency department
R40.2313	Coma scale, best motor response, none, at hospital admission
R40.2314	Coma scale, best motor response, none, 24 hours or more after hospital admission
R40.2321	Coma scale, best motor response, extension, in the field [EMT or ambulance]
R40.2322	Coma scale, best motor response, extension, at arrival to emergency department
R40.2323	Coma scale, best motor response, extension, at hospital admission
R40.2324	Coma scale, best motor response, extension, 24 hours or more after hospital admission
R40.2341	Coma scale, best motor response, flexion withdrawal, in the field [EMT or ambulance]
R40.2342	Coma scale, best motor response, flexion withdrawal, at arrival to emergency department
R40.2343	Coma scale, best motor response, flexion withdrawal, at hospital admission
R40.2344	Coma scale, best motor response, flexion withdrawal, 24 hours or more after hospital admission
R40.3	Persistent vegetative state
R42	Dizziness and giddiness
R44.1	Visual hallucinations
R48.3	Visual agnosia
R94.110	Abnormal electro-oculogram [EOG]
R94.111	Abnormal electroretinogram [ERG]
R94.112	Abnormal visually evoked potential [VEP]
R94.113	Abnormal oculomotor study
R94.118	Abnormal results of other function studies of eye
R94.120	Abnormal auditory function study
R94.121	Abnormal vestibular function study
R94.128	Abnormal results of other function studies of ear and other special senses
R94.131	Abnormal electromyogram [EMG]
R94.138	Abnormal results of other function studies of peripheral nervous system
S04.011A	Injury of optic nerve, right eye, initial encounter

ICD-10 Codes	Description
S04.011D	Injury of optic nerve, right eye, subsequent encounter
S04.011S	Injury of optic nerve, right eye, sequela
S04.012A	Injury of optic nerve, left eye, initial encounter
S04.012D	Injury of optic nerve, left eye, subsequent encounter
S04.012S	Injury of optic nerve, left eye, sequela
S04.02XA	Injury of optic chiasm, initial encounter
S04.02XD	Injury of optic chiasm, subsequent encounter
S04.02XS	Injury of optic chiasm, sequela
S04.031A	Injury of optic tract and pathways, right side, initial encounter
S04.031D	Injury of optic tract and pathways, right side, subsequent encounter
S04.031S	Injury of optic tract and pathways, right side, sequela
S04.032A	Injury of optic tract and pathways, left side, initial encounter
S04.032D	Injury of optic tract and pathways, left side, subsequent encounter
S04.032S	Injury of optic tract and pathways, left side, sequela
S04.041A	Injury of visual cortex, right side, initial encounter
S04.041D	Injury of visual cortex, right side, subsequent encounter
S04.041S	Injury of visual cortex, right side, sequela
S04.042A	Injury of visual cortex, left side, initial encounter
S04.042D	Injury of visual cortex, left side, subsequent encounter
S04.042S	Injury of visual cortex, left side, sequela
S04.11XA	Injury of oculomotor nerve, right side, initial encounter
S04.11XD	Injury of oculomotor nerve, right side, subsequent encounter
S04.11XS	Injury of oculomotor nerve, right side, sequela
S04.12XA	Injury of oculomotor nerve, left side, initial encounter
S04.12XD	Injury of oculomotor nerve, left side, subsequent encounter
S04.12XS	Injury of oculomotor nerve, left side, sequela
S04.22XA	Injury of trochlear nerve, left side, initial encounter
S04.22XD	Injury of trochlear nerve, left side, subsequent encounter
S04.22XS	Injury of trochlear nerve, left side, sequela
S04.31XA	Injury of trigeminal nerve, right side, initial encounter
S04.31XD	Injury of trigeminal nerve, right side, subsequent encounter
S04.31XS	Injury of trigeminal nerve, right side, sequela
S04.32XA	Injury of trigeminal nerve, left side, initial encounter
S04.32XD	Injury of trigeminal nerve, left side, subsequent encounter
S04.32XS	Injury of trigeminal nerve, left side, sequela
S04.41XA	Injury of abducent nerve, right side, initial encounter
S04.41XD	Injury of abducent nerve, right side, subsequent encounter
S04.41XS	Injury of abducent nerve, right side, sequela
S04.42XA	Injury of abducent nerve, left side, initial encounter
S04.42XD	Injury of abducent nerve, left side, subsequent encounter
S04.42XS	Injury of abducent nerve, left side, sequela
S04.51XA	Injury of facial nerve, right side, initial encounter
S04.51XD	Injury of facial nerve, right side, subsequent encounter
S04.51XS	Injury of facial nerve, right side, sequela
S04.52XA	Injury of facial nerve, left side, initial encounter
S04.52XD	Injury of facial nerve, left side, subsequent encounter
S04.52XS	Injury of facial nerve, left side, sequela
S04.61XA	Injury of acoustic nerve, right side, initial encounter
S04.61XD	Injury of acoustic nerve, right side, subsequent encounter
S04.61XS	Injury of acoustic nerve, right side, sequela
S04.62XA	Injury of acoustic nerve, left side, initial encounter
S04.62XD	Injury of acoustic nerve, left side, subsequent encounter
S04.62XS	Injury of acoustic nerve, left side, sequela
S04.71XA	Injury of accessory nerve, right side, initial encounter
S04.71XD	Injury of accessory nerve, right side, subsequent encounter
S04.71XS	Injury of accessory nerve, right side, sequela
S04.72XA	Injury of accessory nerve, left side, initial encounter

ICD-10 Codes	Description
S04.72XD	Injury of accessory nerve, left side, subsequent encounter
S04.72XS	Injury of accessory nerve, left side, sequela
S04.811A	Injury of olfactory [1st] nerve, right side, initial encounter
S04.811D	Injury of olfactory [1st] nerve, right side, subsequent encounter
S04.811S	Injury of olfactory [1st] nerve, right side, sequela
S04.812A	Injury of olfactory [1st] nerve, left side, initial encounter
S04.812D	Injury of olfactory [1st] nerve, left side, subsequent encounter
S04.812S	Injury of olfactory [1st] nerve, left side, sequela
S04.891A	Injury of other cranial nerves, right side, initial encounter
S04.891D	Injury of other cranial nerves, right side, subsequent encounter
S04.891S	Injury of other cranial nerves, right side, sequela
S04.892A	Injury of other cranial nerves, left side, initial encounter
S04.892D	Injury of other cranial nerves, left side, subsequent encounter
S04.892S	Injury of other cranial nerves, left side, sequela
S06.0X0A	Concussion without loss of consciousness, initial encounter
S06.0X0D	Concussion without loss of consciousness, subsequent encounter
S06.0X0S	Concussion without loss of consciousness, 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
S06.320A	Contusion and laceration of left cerebrum without loss of consciousness, initial encounter

ICD-10 Codes	Description
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
S06.340A	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	

**ICD-10
Codes****Description**

	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
S06.350A	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	

ICD-10 Codes	Description
	Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter
S06.370A	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
S06.380A	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	

ICD-10 Codes	Description
	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
S06.4X0A	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

ICD-10 Codes	Description
S06.4X8A	Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter
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
S06.6X0A	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	

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Codes****Description**

	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
S14.0XXA	Concussion and edema of cervical spinal cord, initial encounter
S14.0XXD	Concussion and edema of cervical spinal cord, subsequent encounter
S14.0XXS	Concussion and edema 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
S14.118A	Complete lesion at C8 level of cervical spinal cord, initial encounter
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
S14.121A	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

ICD-10 Codes	Description
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
S14.151A	Other incomplete lesion at C1 level of cervical spinal cord, initial encounter
S14.151D	Other incomplete lesion at C1 level of cervical spinal cord, subsequent 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
S14.152D	Other incomplete lesion at C2 level of cervical spinal cord, subsequent 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
S14.153D	Other incomplete lesion at C3 level of cervical spinal cord, subsequent 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
S14.154D	Other incomplete lesion at C4 level of cervical spinal cord, subsequent 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
S14.155D	Other incomplete lesion at C5 level of cervical spinal cord, subsequent 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
S14.156D	Other incomplete lesion at C6 level of cervical spinal cord, subsequent 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
S14.157D	Other incomplete lesion at C7 level of cervical spinal cord, subsequent 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
S14.158D	Other incomplete lesion at C8 level of cervical spinal cord, subsequent encounter
S14.158S	Other incomplete lesion at C8 level of cervical spinal cord, sequela
S14.2XXA	Injury of nerve root of cervical spine, initial encounter
S14.2XXD	Injury of nerve root of cervical spine, subsequent encounter
S14.2XXS	Injury of nerve root of cervical spine, sequela
S14.3XXA	Injury of brachial plexus, initial encounter
S14.3XXD	Injury of brachial plexus, subsequent encounter
S14.3XXS	Injury of brachial plexus, sequela
S14.4XXA	Injury of peripheral nerves of neck, initial encounter
S14.4XXD	Injury of peripheral nerves of neck, subsequent encounter
S14.4XXS	Injury of peripheral nerves of neck, sequela
S14.5XXA	Injury of cervical sympathetic nerves, initial encounter
S14.5XXD	Injury of cervical sympathetic nerves, subsequent encounter
S14.5XXS	Injury of cervical sympathetic nerves, sequela
S14.8XXA	Injury of other specified nerves of neck, initial encounter
S14.8XXD	Injury of other specified nerves of neck, subsequent encounter
S14.8XXS	Injury of other specified nerves of neck, sequela
S24.0XXA	Concussion and edema of thoracic spinal cord, initial encounter
S24.0XXD	Concussion and edema of thoracic spinal cord, subsequent encounter
S24.0XXS	Concussion and edema of thoracic spinal cord, sequela
S24.111A	Complete lesion at T1 level of thoracic spinal cord, initial encounter
S24.111D	Complete lesion at T1 level of thoracic spinal cord, subsequent 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
S24.112D	Complete lesion at T2-T6 level of thoracic spinal cord, subsequent 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
S24.113D	Complete lesion at T7-T10 level of thoracic spinal cord, subsequent 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
S24.114D	Complete lesion at T11-T12 level of thoracic spinal cord, subsequent encounter
S24.114S	Complete lesion at T11-T12 level of thoracic spinal cord, sequela

**ICD-10
Codes****Description**

S24.131A	Anterior cord syndrome at T1 level of thoracic spinal cord, initial encounter
S24.131D	Anterior cord syndrome at T1 level of thoracic spinal cord, subsequent 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
S24.132D	Anterior cord syndrome at T2-T6 level of thoracic spinal cord, subsequent 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
S24.133D	Anterior cord syndrome at T7-T10 level of thoracic spinal cord, subsequent 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
S24.134D	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, subsequent encounter
S24.134S	Anterior cord syndrome at T11-T12 level of thoracic spinal cord, sequela
S24.141A	Brown-Sequard syndrome at T1 level of thoracic spinal cord, initial encounter
S24.141D	Brown-Sequard syndrome at T1 level of thoracic spinal cord, subsequent 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
S24.142D	Brown-Sequard syndrome at T2-T6 level of thoracic spinal cord, subsequent 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
S24.143D	Brown-Sequard syndrome at T7-T10 level of thoracic spinal cord, subsequent 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
S24.144D	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, subsequent encounter
S24.144S	Brown-Sequard syndrome at T11-T12 level of thoracic spinal cord, sequela
S24.151A	Other incomplete lesion at T1 level of thoracic spinal cord, initial encounter
S24.151D	Other incomplete lesion at T1 level of thoracic spinal cord, subsequent 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
S24.152D	Other incomplete lesion at T2-T6 level of thoracic spinal cord, subsequent 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
S24.153D	Other incomplete lesion at T7-T10 level of thoracic spinal cord, subsequent 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
S24.154D	Other incomplete lesion at T11-T12 level of thoracic spinal cord, subsequent encounter
S24.154S	Other incomplete lesion at T11-T12 level of thoracic spinal cord, sequela
S24.2XXA	Injury of nerve root of thoracic spine, initial encounter
S24.2XXD	Injury of nerve root of thoracic spine, subsequent encounter
S24.2XXS	Injury of nerve root of thoracic spine, sequela
S24.3XXA	Injury of peripheral nerves of thorax, initial encounter
S24.3XXD	Injury of peripheral nerves of thorax, subsequent encounter
S24.3XXS	Injury of peripheral nerves of thorax, sequela
S24.4XXA	Injury of thoracic sympathetic nervous system, initial encounter
S24.4XXD	Injury of thoracic sympathetic nervous system, subsequent encounter
S24.4XXS	Injury of thoracic sympathetic nervous system, sequela
S24.8XXA	Injury of other specified nerves of thorax, initial encounter
S24.8XXD	Injury of other specified nerves of thorax, subsequent encounter
S24.8XXS	Injury of other specified nerves of thorax, sequela
S34.01XA	Concussion and edema of lumbar spinal cord, initial encounter
S34.01XD	Concussion and edema of lumbar spinal cord, subsequent encounter
S34.01XS	Concussion and edema of lumbar spinal cord, sequela
S34.02XA	Concussion and edema of sacral spinal cord, initial encounter
S34.02XD	Concussion and edema of sacral spinal cord, subsequent encounter
S34.02XS	Concussion and edema of sacral spinal cord, sequela
S34.111A	Complete lesion of L1 level of lumbar spinal cord, initial encounter
S34.111D	Complete lesion of L1 level of lumbar spinal cord, subsequent 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

ICD-10 Codes	Description
S34.112D	Complete lesion of L2 level of lumbar spinal cord, subsequent 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
S34.113D	Complete lesion of L3 level of lumbar spinal cord, subsequent 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
S34.114D	Complete lesion of L4 level of lumbar spinal cord, subsequent 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
S34.115D	Complete lesion of L5 level of lumbar spinal cord, subsequent encounter
S34.115S	Complete lesion of L5 level of lumbar spinal cord, sequela
S34.121A	Incomplete lesion of L1 level of lumbar spinal cord, initial encounter
S34.121D	Incomplete lesion of L1 level of lumbar spinal cord, subsequent 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
S34.122D	Incomplete lesion of L2 level of lumbar spinal cord, subsequent 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
S34.123D	Incomplete lesion of L3 level of lumbar spinal cord, subsequent 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
S34.124D	Incomplete lesion of L4 level of lumbar spinal cord, subsequent 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
S34.125D	Incomplete lesion of L5 level of lumbar spinal cord, subsequent encounter
S34.125S	Incomplete lesion of L5 level of lumbar spinal cord, sequela
S34.131A	Complete lesion of sacral spinal cord, initial encounter
S34.131D	Complete lesion of sacral spinal cord, subsequent encounter
S34.131S	Complete lesion of sacral spinal cord, sequela
S34.132A	Incomplete lesion of sacral spinal cord, initial encounter
S34.132D	Incomplete lesion of sacral spinal cord, subsequent encounter
S34.132S	Incomplete lesion of sacral spinal cord, sequela
S34.21XA	Injury of nerve root of lumbar spine, initial encounter
S34.21XD	Injury of nerve root of lumbar spine, subsequent encounter
S34.21XS	Injury of nerve root of lumbar spine, sequela
S34.22XA	Injury of nerve root of sacral spine, initial encounter
S34.22XD	Injury of nerve root of sacral spine, subsequent encounter
S34.22XS	Injury of nerve root of sacral spine, sequela
S34.3XXA	Injury of cauda equina, initial encounter
S34.3XXD	Injury of cauda equina, subsequent encounter
S34.3XXS	Injury of cauda equina, sequela
S34.4XXA	Injury of lumbosacral plexus, initial encounter
S34.4XXD	Injury of lumbosacral plexus, subsequent encounter
S34.4XXS	Injury of lumbosacral plexus, sequela
S34.5XXA	Injury of lumbar, sacral and pelvic sympathetic nerves, initial encounter
S34.5XXD	Injury of lumbar, sacral and pelvic sympathetic nerves, subsequent encounter
S34.5XXS	Injury of lumbar, sacral and pelvic sympathetic nerves, sequela
S34.6XXA	Injury of peripheral nerve(s) at abdomen, lower back and pelvis level, initial encounter
S34.6XXD	Injury of peripheral nerve(s) at abdomen, lower back and pelvis level, subsequent encounter
S34.6XXS	Injury of peripheral nerve(s) at abdomen, lower back and pelvis level, sequela
S34.8XXA	Injury of other nerves at abdomen, lower back and pelvis level, initial encounter
S34.8XXD	Injury of other nerves at abdomen, lower back and pelvis level, subsequent encounter
S34.8XXS	Injury of other nerves at abdomen, lower back and pelvis level, sequela
S44.01XA	Injury of ulnar nerve at upper arm level, right arm, initial encounter
S44.01XD	Injury of ulnar nerve at upper arm level, right arm, subsequent 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

ICD-10 Codes	Description
S44.02XD	Injury of ulnar nerve at upper arm level, left arm, subsequent 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
S44.11XD	Injury of median nerve at upper arm level, right arm, subsequent 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
S44.12XD	Injury of median nerve at upper arm level, left arm, subsequent 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
S44.21XD	Injury of radial nerve at upper arm level, right arm, subsequent 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
S44.22XD	Injury of radial nerve at upper arm level, left arm, subsequent encounter
S44.22XS	Injury of radial nerve at upper arm level, left arm, sequela
S44.31XA	Injury of axillary nerve, right arm, initial encounter
S44.31XD	Injury of axillary nerve, right arm, subsequent encounter
S44.31XS	Injury of axillary nerve, right arm, sequela
S44.32XA	Injury of axillary nerve, left arm, initial encounter
S44.32XD	Injury of axillary nerve, left arm, subsequent encounter
S44.32XS	Injury of axillary nerve, left arm, sequela
S44.41XA	Injury of musculocutaneous nerve, right arm, initial encounter
S44.41XD	Injury of musculocutaneous nerve, right arm, subsequent encounter
S44.41XS	Injury of musculocutaneous nerve, right arm, sequela
S44.42XA	Injury of musculocutaneous nerve, left arm, initial encounter
S44.42XD	Injury of musculocutaneous nerve, left arm, subsequent 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
S44.51XD	Injury of cutaneous sensory nerve at shoulder and upper arm level, right arm, subsequent 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
S44.52XD	Injury of cutaneous sensory nerve at shoulder and upper arm level, left arm, subsequent 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
S44.8X1D	Injury of other nerves at shoulder and upper arm level, right arm, subsequent 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
S44.8X2D	Injury of other nerves at shoulder and upper arm level, left arm, subsequent encounter
S44.8X2S	Injury of other nerves at shoulder and upper arm level, left arm, sequela
S54.01XA	Injury of ulnar nerve at forearm level, right arm, initial encounter
S54.01XD	Injury of ulnar nerve at forearm level, right arm, subsequent 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
S54.02XD	Injury of ulnar nerve at forearm level, left arm, subsequent 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
S54.11XD	Injury of median nerve at forearm level, right arm, subsequent 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
S54.12XD	Injury of median nerve at forearm level, left arm, subsequent 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
S54.21XD	Injury of radial nerve at forearm level, right arm, subsequent 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
S54.22XD	Injury of radial nerve at forearm level, left arm, subsequent 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
S54.31XD	Injury of cutaneous sensory nerve at forearm level, right arm, subsequent encounter

**ICD-10
Codes****Description**

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
S54.32XD	Injury of cutaneous sensory nerve at forearm level, left arm, subsequent encounter
S54.32XS	Injury of cutaneous sensory nerve at forearm level, left arm, sequela
S64.01XA	Injury of ulnar nerve at wrist and hand level of right arm, initial encounter
S64.01XD	Injury of ulnar nerve at wrist and hand level of right arm, subsequent 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
S64.02XD	Injury of ulnar nerve at wrist and hand level of left arm, subsequent 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
S64.11XD	Injury of median nerve at wrist and hand level of right arm, subsequent 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
S64.12XD	Injury of median nerve at wrist and hand level of left arm, subsequent 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
S64.21XD	Injury of radial nerve at wrist and hand level of right arm, subsequent 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
S64.22XD	Injury of radial nerve at wrist and hand level of left arm, subsequent 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
S64.31XD	Injury of digital nerve of right thumb, subsequent encounter
S64.31XS	Injury of digital nerve of right thumb, sequela
S64.32XA	Injury of digital nerve of left thumb, initial encounter
S64.32XD	Injury of digital nerve of left thumb, subsequent encounter
S64.32XS	Injury of digital nerve of left thumb, sequela
S64.490A	Injury of digital nerve of right index finger, initial encounter
S64.490D	Injury of digital nerve of right index finger, subsequent encounter
S64.490S	Injury of digital nerve of right index finger, sequela
S64.491A	Injury of digital nerve of left index finger, initial encounter
S64.491D	Injury of digital nerve of left index finger, subsequent encounter
S64.491S	Injury of digital nerve of left index finger, sequela
S64.492A	Injury of digital nerve of right middle finger, initial encounter
S64.492D	Injury of digital nerve of right middle finger, subsequent encounter
S64.492S	Injury of digital nerve of right middle finger, sequela
S64.493A	Injury of digital nerve of left middle finger, initial encounter
S64.493D	Injury of digital nerve of left middle finger, subsequent encounter
S64.493S	Injury of digital nerve of left middle finger, sequela
S64.494A	Injury of digital nerve of right ring finger, initial encounter
S64.494D	Injury of digital nerve of right ring finger, subsequent encounter
S64.494S	Injury of digital nerve of right ring finger, sequela
S64.495A	Injury of digital nerve of left ring finger, initial encounter
S64.495D	Injury of digital nerve of left ring finger, subsequent encounter
S64.495S	Injury of digital nerve of left ring finger, sequela
S64.496A	Injury of digital nerve of right little finger, initial encounter
S64.496D	Injury of digital nerve of right little finger, subsequent encounter
S64.496S	Injury of digital nerve of right little finger, sequela
S64.497A	Injury of digital nerve of left little finger, initial encounter
S64.497D	Injury of digital nerve of left little finger, subsequent encounter
S64.497S	Injury of digital nerve of left little finger, sequela
S64.498A	Injury of digital nerve of other finger, initial encounter
S64.498D	Injury of digital nerve of other finger, subsequent 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
S64.8X1D	Injury of other nerves at wrist and hand level of right arm, subsequent encounter

**ICD-10
Codes****Description**

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
S64.8X2D	Injury of other nerves at wrist and hand level of left arm, subsequent encounter
S64.8X2S	Injury of other nerves at wrist and hand level of left arm, sequela
S74.01XA	Injury of sciatic nerve at hip and thigh level, right leg, initial encounter
S74.01XD	Injury of sciatic nerve at hip and thigh level, right leg, subsequent 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
S74.02XD	Injury of sciatic nerve at hip and thigh level, left leg, subsequent 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
S74.11XD	Injury of femoral nerve at hip and thigh level, right leg, subsequent 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
S74.12XD	Injury of femoral nerve at hip and thigh level, left leg, subsequent 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 high level, right leg, initial encounter
S74.21XD	Injury of cutaneous sensory nerve at hip and high level, right leg, subsequent encounter
S74.21XS	Injury of cutaneous sensory nerve at hip and high level, right leg, sequela
S74.22XA	Injury of cutaneous sensory nerve at hip and thigh level, left leg, initial encounter
S74.22XD	Injury of cutaneous sensory nerve at hip and thigh level, left leg, subsequent 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
S74.8X1D	Injury of other nerves at hip and thigh level, right leg, subsequent 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
S74.8X2D	Injury of other nerves at hip and thigh level, left leg, subsequent encounter
S74.8X2S	Injury of other nerves at hip and thigh level, left leg, sequela
S84.01XA	Injury of tibial nerve at lower leg level, right leg, initial encounter
S84.01XD	Injury of tibial nerve at lower leg level, right leg, subsequent 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
S84.02XD	Injury of tibial nerve at lower leg level, left leg, subsequent 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
S84.11XD	Injury of peroneal nerve at lower leg level, right leg, subsequent 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
S84.12XD	Injury of peroneal nerve at lower leg level, left leg, subsequent 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
S84.21XD	Injury of cutaneous sensory nerve at lower leg level, right leg, subsequent 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
S84.22XD	Injury of cutaneous sensory nerve at lower leg level, left leg, subsequent 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
S84.801D	Injury of other nerves at lower leg level, right leg, subsequent 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
S84.802D	Injury of other nerves at lower leg level, left leg, subsequent encounter
S84.802S	Injury of other nerves at lower leg level, left leg, sequela
S94.01XA	Injury of lateral plantar nerve, right leg, initial encounter
S94.01XD	Injury of lateral plantar nerve, right leg, subsequent encounter
S94.01XS	Injury of lateral plantar nerve, right leg, sequela
S94.02XA	Injury of lateral plantar nerve, left leg, initial encounter
S94.02XD	Injury of lateral plantar nerve, left leg, subsequent encounter
S94.02XS	Injury of lateral plantar nerve, left leg, sequela

ICD-10 Codes	Description
S94.11XA	Injury of medial plantar nerve, right leg, initial encounter
S94.11XD	Injury of medial plantar nerve, right leg, subsequent encounter
S94.11XS	Injury of medial plantar nerve, right leg, sequela
S94.12XA	Injury of medial plantar nerve, left leg, initial encounter
S94.12XD	Injury of medial plantar nerve, left leg, subsequent 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
S94.21XD	Injury of deep peroneal nerve at ankle and foot level, right leg, subsequent 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
S94.22XD	Injury of deep peroneal nerve at ankle and foot level, left leg, subsequent 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
S94.31XD	Injury of cutaneous sensory nerve at ankle and foot level, right leg, subsequent 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
S94.32XD	Injury of cutaneous sensory nerve at ankle and foot level, left leg, subsequent 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
S94.8X1D	Injury of other nerves at ankle and foot level, right leg, subsequent 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
S94.8X2D	Injury of other nerves at ankle and foot level, left leg, subsequent encounter
S94.8X2S	Injury of other nerves at ankle and foot level, left leg, sequela
Z79.2	Long term (current) use of antibiotics
Z79.3	Long term (current) use of hormonal contraceptives
Z79.891	Long term (current) use of opiate analgesic
Z79.899	Other long term (current) drug therapy

ICD-10 Codes that DO NOT Support Medical Necessity

Group 1 Paragraph:

All ICD-10-CM codes not listed in this policy under ICD-10-CM Codes that Support Medical Necessity above.

Group 1 Codes: N/A

ICD-10 Additional Information [Back to Top](#)

[General Information](#)

Associated Information

The patient's medical record must contain documentation that fully supports the medical necessity for neurophysiological studies as covered by Medicare (See Indications and Limitations of Coverage and/or Medical Necessity. This documentation includes, but is not limited to, relevant medical history, physical examination and results of pertinent diagnostic tests or procedures.

Furthermore, due to an almost universal lack of medical record documentation supporting the medical necessity of the wide array of codes used in billing of intraoperative monitoring services since institution of this LCD, Noridian reminds providers that the record **MUST** contain adequate specific documentation of the necessity for

such monitoring. This must include not only rationale for *any separately billed* monitoring, but also for the specific modalities and their coding that are utilized and submitted to Medicare for payment. We also remind you that intraoperative monitoring performed by the operating surgeon is never separately payable.

For the brainstem auditory evoked potentials or responses, CPT 92585 and 92586, the patient's medical record should document the otologic exam describing both ear canals and tympanic membranes, as well as a gross hearing assessment. The medical record should also include the results of air and bone pure tone audiogram and speech audiometry.

The physician's SEP/SER report should note which nerves were tested, latencies at various testing points, and an evaluation of whether the resulting values are normal or abnormal.

The medical record must be made available to Medicare upon request.

The HCPCS/CPT code(s) may be subject to Correct Coding Initiative (CCI) edits in addition to guidance in this LCD. Please refer to the CCI for correct coding guidelines and specific applicable code combinations prior to billing Medicare. Whichever guidance is more restrictive should be adhered to.

When the documentation does not meet the criteria for the service rendered or the documentation does not establish the medical necessity for the services, such services will be denied as not reasonable and necessary under Section 1862(a)(1) of the Social Security Act.

Sources of Information

This LCD is based on the **Neurophysiological Studies LCD** from the AdminaStar Federal, Inc. Carrier. Please see that LCD for its extensive bibliography.

1. Adams RD, Victor M, Ropper AH, Principles of Neurology Sixth Ed, New York, McGraw-Hill, 1997
2. Braunwald, E, et al, eds, Harrison's Principles of Internal Medicine, 16th ed, New York, McGraw-Hill, 2005
3. Other carriers' LMRPs
4. Noridian Carrier Advisory Committee Members

Bibliography

N/A

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[Revision History Information](#)

Revision History Date	Revision History Number	Revision History Explanation	Reason(s) for Change
10/01/2017	R4	<p>DATE (08/25/2017): At this time 21st Century Cures Act will apply to new and revised LCDs that restrict coverage which requires comment and notice. This revision is not a restriction to the coverage determination; and, therefore not all the fields included on the LCD are applicable as noted in this policy.</p> <p>Effective 10/1/2017, the LCD is revised per the annual ICD-10-CM code update to:</p> <p>Delete ICD-10-CM codes: S06.317D, S06.317S, S06.318D, S06.318S, S06.327D, S06.327S, S06.328D, S06.328S, S06.347D, S06.347S, S06.348D, S06.348S, S06.357D, S06.357S, S06.358D, S06.358S, S06.377D, S06.377S, S06.378D, S06.378S, S06.387D, S06.387S, S06.388D, S06.388S, S06.4X7D, S06.4X7S, S06.4X8D, S06.4X8S, S06.5X7D, S06.5X7S, S06.5X8D, S06.5X8S, S06.6X7D, S06.6X7S, S06.6X8D, and S06.6X8S from Group 1.</p> <p>Revise ICD-10-CM codes: I63.323, I63.333, I63.513, I63.523, I63.533, S04.031A, S04.031D, S04.031S, S04.032A, S04.032D, S04.032S, S04.041A, S04.041D, S04.041S, S04.042A, S04.042D and S04.042S from Group 1.</p>	<ul style="list-style-type: none"> Revisions Due To ICD-10-CM Code Changes
10/01/2016	R3	<p>The LCD is revised to add the following ICD-10 codes effective 10/1/2016: G56.03, G56.13, G56.23, G56.33, G56.43, G56.83, G56.93, G57.03, G57.13, G57.23, G57.33, G57.43, G57.53, G57.63, G57.73, G57.83, G57.93, G61.82, H90.A11, H90.A12, H90.A21, H90.A22, H90.A31, H90.A32, H93.A1, H93.A2, H93.A3, H93.A9, I60.2, I63.013, I63.033, I63.113, I63.133, I63.213, I63.233, I63.313, I63.323, I63.333, I63.343, I63.413, I63.423, I63.433, I63.443, I63.513, I63.523, I63.533, I63.543, I72.6.</p> <p>The following ICD-10 codes are deleted effective 10/1/2016: I60.21, I60.22, M50.02, S06.0X6A, S06.0X6D, S06.0X6S, S06.0X7A, S06.0X7D, S06.0X7S, S06.0X8A, S06.0X8D, S06.0X8S,</p>	<ul style="list-style-type: none"> Revisions Due To ICD-10-CM Code Changes
10/01/2015	R2	<p>This LCD is revised to remove the paragraph, "When requesting an individual consideration through the written redetermination (formerly appeal) process, providers must include all relevant medical records and any pertinent peer-reviewed literature that supports the request. At a minimum two (2) Phase II studies (human studies of efficacy, pivotal) or one (1) Phase III study (evidence of safety and efficacy, pivotal) must be submitted for the Medical Director's review." from the Associated Information field.</p>	

Revision History Date **Revision History Number**

Revision History Explanation

Reason(s) for Change

- Other (Removed the paragraph, "When requesting an individual consideration through the written redetermination (formerly appeal) process, providers must include all relevant medical records and any pertinent peer-reviewed literature that supports the request. At a minimum two (2) Phase II studies (human studies of efficacy, pivotal) or one (1) Phase III study (evidence of safety and efficacy, pivotal) must be submitted for the Medical Director's review.")

- Revisions Due To ICD-10-CM Code Changes

10/01/2015 R1 The LCD is revised to remove M47.17, M47.18 and M51.07 per the ICD-10 2013-2014 Annual Update.

[Associated Documents](#)

Attachments N/A

Related Local Coverage Documents N/A

Related National Coverage Documents N/A

Public Version(s) Updated on 08/30/2017 with effective dates 10/01/2017 - N/A [Updated on 09/15/2016 with effective dates 10/01/2016 - 09/30/2017](#) [Updated on 03/27/2015 with effective dates 10/01/2015 - 09/30/2016](#) [Updated on 07/18/2014 with effective dates 10/01/2015 - N/A](#) [Updated on 03/31/2014 with effective dates 10/01/2015 - N/A](#) [Back to Top](#)

[Keywords](#)

- Sensory
- Somatosensory
- Neurophysiology Monitoring
- 92585
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