

Neurosurgery ICD-10 documentation

Seven key impacts to ICD-10 documentation

1. Disease or disorder site
2. Acuity and/or encounter status of treatment
3. Etiology, causative agent, or disease type and injury/
poisoning cause, intent, activity at the time of the event
and place event occurred
4. Underlying and associated conditions
5. Manifestations
6. Complications or adverse events
7. Supporting info such as lab values or socioeconomic key
impacts to ICD-10 documentation

Most commonly used diagnoses

| ICD-9 Name | ICD-9 Code | ICD-10 Code | ICD-10 Name | Documentation tips |
|--|--------------|--------------|---|--|
| Cerebral cysts | 348.0 | G93.0 | Cerebral cysts | Refer to 7 key impacts of ICD-10 Documentation |
| Compression of brain | 348.4 | G93.5 | Compression of brain | |
| Congenital anomalies of skull and face bones | 756.0 | Q75.0 | Craniosynostosis | |
| | | Q75.1 | Craniofacial dysostosis | |
| | | Q75.2 | Hypertelorism | |
| | | Q75.3 | Macrocephaly | |
| | | Q75.4 | Mandibulofacial dysostosis | |
| | | Q75.5 | Oculomandibular dysostosis | |
| | | Q75.8 | Other specified congenital malformations of skull and face bones | |
| | | Q75.9 | Congenital malformation of skull and face bones, unspecified | |
| | | Q87.0 | Congenital malformation syndromes predominantly affecting facial appearance | |



| ICD-9 Name | ICD-9 Code | ICD-10 Code | ICD-10 Name | Documentation tips |
|--|-----------------|--|---|---|
| Congenital hydrocephalus Congenital hydrocephalus Congenital hydrocephalus Congenital hydrocephalus | 742.3 | Q03.0 | Malformations of aqueduct of Sylvius | Hydrocephalus <ul style="list-style-type: none"> • Delineate between congenital vs. acquired hydrocephalus • State any underlying cause (e.g. toxoplasmosis) • Specify malformations such as an anomaly of the aqueduct of Sylvius or atresia of the foramina of Magendie and Luschka • List the type of Arnold-Chiari syndrome (i.e. I, II, III, IV) • Provide info. regarding associated spina bifida and include the spinal region affected |
| | | Q03.1 | Atresia of foramina of Magendie and Luschka | |
| | | Q03.8 | Other congenital hydrocephalus | |
| | | Q03.9 | Congenital hydrocephalus, unspecified | |
| Obstructive hydrocephalus | 331.4 | G91.1 | Obstructive hydrocephalus | |
| | | G91.3 | Post-traumatic hydrocephalus, unspecified | |
| | | G91.8 | Other hydrocephalus | |
| | | G91.9 | Hydrocephalus, unspecified | |
| Mechanical complication of nervous system device, implant, and graft | 996.2 | T85.01xA | Breakdown (mechanical) of ventricular intracranial (communicating) shunt, initial encounter | |
| | | T85.01xD | Breakdown (mechanical) of ventricular intracranial (communicating) shunt, subsequent encounter | |
| | | T85.01xS | Breakdown (mechanical) of ventricular intracranial (communicating) shunt, sequela | |
| | | T85.02xA | Displacement of ventricular intracranial (communicating) shunt, initial encounter | |
| | | T85.02xD | Displacement of ventricular intracranial (communicating) shunt, subsequent encounter | |
| | | T85.02xS | Displacement of ventricular intracranial (communicating) shunt, sequela | |
| | | T85.03xA | Leakage of ventricular intracranial (communicating) shunt, initial encounter | |
| | | T85.03xD | Leakage of ventricular intracranial (communicating) shunt, subsequent encounter | |
| | | T85.03xS | Leakage of ventricular intracranial (communicating) shunt, sequela | |
| | | T85.09xA | Other mechanical complication of ventricular intracranial (communicating) shunt, initial encounter | |
| | | T85.09xD | Other mechanical complication of ventricular intracranial (communicating) shunt, subsequent encounter | |
| | | T85.09xS | Other mechanical complication of ventricular intracranial (communicating) shunt, sequela | |
| | T85.110A | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of brain, initial encounter | | |

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| | | T85.110D | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of brain, subsequent encounter | |
| | | T85.110S | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of brain, sequela | |
| | | T85.111A | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of peripheral nerve, initial encounter | |
| | | T85.111D | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of peripheral nerve, subsequent encounter | |
| | | T85.111S | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of peripheral nerve, sequela | |
| | | T85.112A | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of spinal cord, initial encounter | |
| | | T85.112D | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of spinal cord, subsequent encounter | |
| | | T85.112S | Breakdown (mechanical) of implanted electronic neurostimulator (electrode) of spinal cord, sequela | |
| | | T85.118A | Breakdown (mechanical) of other implanted electronic stimulator of nervous system, initial encounter | |
| | | T85.118D | Breakdown (mechanical) of other implanted electronic stimulator of nervous system, subsequent encounter | |
| | | T85.118S | Breakdown (mechanical) of other implanted electronic stimulator of nervous system, sequela | |
| | | T85.120A | Displacement of implanted electronic neurostimulator (electrode) of brain, initial encounter | |
| | | T85.120D | Displacement of implanted electronic neurostimulator (electrode) of brain, subsequent encounter | |
| | | T85.120S | Displacement of implanted electronic neurostimulator (electrode) of brain, sequela | |
| | | T85.121A | Displacement of implanted electronic neurostimulator (electrode) of peripheral nerve, initial encounter | |
| | | T85.121D | Displacement of implanted electronic neurostimulator (electrode) of peripheral nerve, subsequent encounter | |

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| | | T85.121S | Displacement of implanted electronic neurostimulator (electrode) of peripheral nerve, sequela | |
| | | T85.122A | Displacement of implanted electronic neurostimulator (electrode) of spinal cord, initial encounter | |
| | | T85.122D | Displacement of implanted electronic neurostimulator (electrode) of spinal cord, subsequent encounter | |
| | | T85.122S | Displacement of implanted electronic neurostimulator (electrode) of spinal cord, sequela | |
| | | T85.128A | Displacement of other implanted electronic stimulator of nervous system, initial encounter | |
| | | T85.128D | Displacement of other implanted electronic stimulator of nervous system, subsequent encounter | |
| | | T85.128S | Displacement of other implanted electronic stimulator of nervous system, sequela | |
| | | T85.190A | Other mechanical complication of implanted electronic neurostimulator (electrode) of brain, initial encounter | |
| | | T85.190D | Other mechanical complication of implanted electronic neurostimulator (electrode) of brain, subsequent encounter | |
| | | T85.190S | Other mechanical complication of implanted electronic neurostimulator (electrode) of brain, sequela | |
| | | T85.191A | Other mechanical complication of implanted electronic neurostimulator (electrode) of peripheral nerve, initial encounter | |
| | | T85.191D | Other mechanical complication of implanted electronic neurostimulator (electrode) of peripheral nerve, subsequent encounter | |
| | | T85.191S | Other mechanical complication of implanted electronic neurostimulator (electrode) of peripheral nerve, sequela | |
| | | T85.192A | Other mechanical complication of implanted electronic neurostimulator (electrode) of spinal cord, initial encounter | |
| | | T85.192D | Other mechanical complication of implanted electronic neurostimulator (electrode) of spinal cord, subsequent encounter | |

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| | | T85.192S | Other mechanical complication of implanted electronic neurostimulator (electrode) of spinal cord, sequela | |
| | | T85.199A | Other mechanical complication of other implanted electronic stimulator of nervous system, initial encounter | |
| | | T85.199D | Other mechanical complication of other implanted electronic stimulator of nervous system, subsequent encounter | |
| | | T85.199S | Other mechanical complication of other implanted electronic stimulator of nervous system, sequela | |
| Neoplasm of unspecified nature of brain | 239.6 | D49.6 | Neoplasm of unspecified behavior of brain | <p>Neoplasms</p> <ul style="list-style-type: none"> • Identify the site (e.g. brain stem) • State the morphology (e.g. malignant, benign, in situ, etc.) <ul style="list-style-type: none"> ◦ Uncertain behavior ◦ Unspecified behavior • Indicate the stage and any metastatic sites • List any related exposure to smoke (second hand smoke) • Detail when presented for treatment related to neoplasm (e.g. surgical removal, chemotherapy, immunotherapy, radiation therapy) |
| Other specified congenital anomalies of spinal cord | 742.59 | Q06.0 | Amyelia | Refer to 7 key impacts of ICD-10 Documentation |
| | | Q06.1 | Hypoplasia and dysplasia of spinal cord | |
| | | Q06.3 | Other congenital cauda equina malformations | |
| | | Q06.8 | Other specified congenital malformations of spinal cord | |
| | | Q06.9 | Congenital malformation of spinal cord, unspecified | |
| Postsurgical presence of cerebrospinal fluid drainage device | V45.2 | Z98.2 | Presence of cerebrospinal fluid drainage device | |

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| Scoliosis [and kyphoscoliosis], idiopathic | 737.30 | M41.112 | Juvenile idiopathic scoliosis, cervical region | <p>Scoliosis</p> <ul style="list-style-type: none"> Identify the type of scoliosis: <ul style="list-style-type: none"> Idiopathic <ul style="list-style-type: none"> Infantile Juvenile Adolescent Other Secondary <ul style="list-style-type: none"> Neuromuscular Other Thoracogenic Other form Unspecified Identify site: <ul style="list-style-type: none"> Cervical Cervicothoracic Thoracic Thoracolumbar Lumbar Lumbosacral Sacral/sacroccygeal (only applies to infantile idiopathic scoliosis) Site unspecified |
| | | 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 | |
| | | M41.119 | Juvenile idiopathic scoliosis, site unspecified | |
| | | 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 | |
| | | M41.129 | Adolescent idiopathic scoliosis, site unspecified | |
| | | M41.20 | Other idiopathic scoliosis, site unspecified | |
| | | 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 | | | |
| Spina bifida with hydrocephalus, unspecified region | 741.00 | Q05.4 | Unspecified spina bifida with hydrocephalus | <p>Spina Bifida</p> <ul style="list-style-type: none"> Identify the presence of hydrocephalus <ul style="list-style-type: none"> Detail the spinal region affected (e.g. cervical, lumbar, etc) List any associated paraplegia Specify spina bifida occulta or Arnold-Chiari syndrome, type II |
| | | Q05.9 | Spina bifida, unspecified | |
| | | Q07.02 | Arnold-Chiari syndrome with hydrocephalus | |
| | | Q07.03 | Arnold-Chiari syndrome with spina bifida and hydrocephalus | |

The ICD-10 Provider Specialty Tool Kit is meant to assist providers with documentation best practices necessary for the transition from ICD-9-CM to ICD-10-CM. This tool kit includes the most commonly used diagnoses for a specialty using 2012 claims data for top encounters and top number of dollars per diagnosis. The tool kit can be used as a quick reference guide for providers and can also be shared with Practice Managers. This tool kit is not meant to be a coding cross walk and therefore should not be used as such. Questions regarding this tool kit and/or ICD-10 should be submitted via email to ICD10@choa.org.