

**MEDICAL POLICY**

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|----------------------|--|
| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
| <b>POLICY NUMBER</b> | <b>MP-4.027</b>  |

|   |                  |
|---|------------------|
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**I. POLICY**

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Neuropsychological testing is considered **medically necessary** when the patient is able to understand and participate in all activities necessary for testing and has at least one of the following documented indications:

- A known brain disorder
- Suspected brain disease or trauma based upon observed mental status or behavioral change, NOT due to an untreated metabolic disorder

AND when testing meets one of the following:

- Is needed to establish a baseline prior to a neurosurgical procedure or initiation of a new medication (e.g., brain tumor, treatment of seizure disorder, hemorrhage, hydrocephalus)
- Is necessary to diagnose or manage the neuropsychological effects of any of the following conditions:
  - Cerebrovascular disease (e.g., stroke, aneurysm, subdural hematoma)
  - Dementing illness (e.g. Alzheimer, Lewy Body, vascular dementia)
  - Seizure disorders
  - Exposure to toxins or agents associated with brain dysfunction (e.g., lead poisoning, cranial irradiation, administration of intrathecal medication)
  - Movement disorders (e.g., Parkinson, Huntington disease)
  - Intracranial neoplasm
  - Demyelinating diseases (e.g., Multiple sclerosis)
  - Traumatic brain injury (including post-concussive syndrome)
  - CNS infections with neurocognitive problems (e.g., Herpes encephalitis, HIV infection, Neurosyphilis, Lyme disease with CNS involvement)

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- Depression or other mental health diagnoses, presenting primarily with neurological symptoms or a medical condition.
- Neurologically complex attention deficit disorders (e.g., hydrocephalus, head trauma, seizures)
- Is necessary for assessment of remaining functional deficits after a treatment plateau, and will determine whether additional treatment may enhance functioning.

Neuropsychological testing is considered **not medically necessary** for the following conditions because the available published, peer-reviewed literature does not support its use in the diagnosis or treatment of the following:

- Attention Deficit/Hyperactivity Disorder
- Delirium
- Individuals with stable conditions in whom there is no concern for a new problem, relapse or deterioration of a known condition (e.g. mild cognitive impairment, concussion, chronic fatigue syndrome, Tic disorders)
- Intellectual disability
- Psychotic Conditions
- Any medically acute condition
- Any condition in which the results of testing will not change or affect treatment decisions

Testing Frequency

For those meeting the above criteria, the following testing frequency may be considered **medically necessary**:

- Stroke or traumatic brain injury - repeat testing every 3-6 months
- Dementia repeat testing - every 12 months
- Dementia with rapid decline - repeat testing every 3-6 months
- Other conditions - repeat testing every 12 months

*Cross-reference:*

**MP-2.304** Autism Spectrum Disorders

**II. PRODUCT VARIATIONS**

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This policy is only applicable to certain programs and products administered by Capital BlueCross and subject to benefit variations as discussed in Section VI. Please see additional information below.

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**III. DESCRIPTION/BACKGROUND**

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Neuropsychological testing (NPT) is used as an aid in the evaluation and management of neuropsychological abnormalities. NPT is intended to facilitate the evaluation and characterization of the neurocognitive effects of medical disorders that directly or indirectly affect the brain.

NPT differs from psychological testing in that NPT consists of a battery of individually administered tests that comprehensively sample ability domains that are known to be sensitive to the functional integrity of the brain (e.g., abstraction, memory and learning, attention, language, problem solving, sensory-motor functions, constructional praxis, etc.). These procedures are objective and quantitative in nature and require the patient to directly demonstrate his/her level of competence in a particular cognitive domain. Examples include the Halstead-Reitan Neuropsychological Battery, the Luria-Nebraska Neuropsychological Battery, and the Wechsler Adult Intelligence Scale-Revised.

**IV. RATIONALE**

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NA

**V. DEFINITIONS**

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**STABLE CONDITION** is a state of health or disease from which little if any immediate change is expected.

**VI. BENEFIT VARIATIONS**

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The existence of this medical policy does not mean that this service is a covered benefit under the member's health benefit plan. Benefit determinations should be based in all cases on the applicable health benefit plan language. Medical policies do not constitute a description of benefits. A member's health benefit plan governs which services are covered, which are excluded, which are subject to benefit limits and which require preauthorization. There are different benefit plan designs in each product administered by Capital BlueCross. Members and providers should consult the member's health benefit plan for information or contact Capital BlueCross for benefit information.

**VII. DISCLAIMER**

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*Capital BlueCross's medical policies are developed to assist in administering a member's benefits, do not constitute medical advice and are subject to change. Treating providers are solely responsible for medical advice and treatment of members. Members should discuss any*

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*medical policy related to their coverage or condition with their provider and consult their benefit information to determine if the service is covered. If there is a discrepancy between this medical policy and a member’s benefit information, the benefit information will govern. If a provider or a member has a question concerning the application of this medical policy to a specific member’s plan of benefits, please contact Capital BlueCross’ Provider Services or Member Services. Capital BlueCross considers the information contained in this medical policy to be proprietary and it may only be disseminated as permitted by law.*

**VIII. CODING INFORMATION**

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**Note:** This list of codes may not be all-inclusive, and codes are subject to change at any time. The identification of a code in this section does not denote coverage as coverage is determined by the terms of member benefit information. In addition, not all covered services are eligible for separate reimbursement.

**Covered when medically necessary:**

| CPT Codes ® |       |       |       |       |       |       |  |
|-------------|-------|-------|-------|-------|-------|-------|--|
| 96132       | 96133 | 96136 | 96137 | 96138 | 96139 | 96146 |  |

Current Procedural Terminology (CPT) copyrighted by American Medical Association. All Rights Reserved.

| ICD-10-CM Diagnosis Codes | Description  |
|---------------------------|--|
| A50.41                    | Late congenital neurosyphilis [juvenile neurosyphilis], Late congenital syphilitic meningitis          |
| A50.42                    | Late congenital neurosyphilis [juvenile neurosyphilis]; Late congenital syphilitic encephalitis        |
| A50.43                    | Late congenital neurosyphilis [juvenile neurosyphilis]; Late congenital syphilitic polyneuropathy      |
| A50.44                    | Late congenital neurosyphilis [juvenile neurosyphilis]; Late congenital syphilitic optic nerve atrophy |
| A50.45                    | Late congenital neurosyphilis [juvenile neurosyphilis]; Juvenile general paresis                       |
| A52.19                    | Other symptomatic neurosyphilis  |
| A69.21                    | Meningitis due to Lyme disease   |
| A69.22                    | Other neurologic disorders in Lyme disease   |
| B00.4                     | Herpes viral encephalitis  |
| B20.0                     | Human immunodeficiency virus [HIV] disease   |
| C70.0                     | Malignant Neoplasm of cerebrum meninges  |
| C71.0                     | Malignant neoplasm of cerebrum, except lobes and ventricles  |
| C71.1                     | Malignant neoplasm of frontal lobe   |
| C71.2                     | Malignant neoplasm of temporal lobe  |

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| ICD-10-CM Diagnosis Codes | Description  |
|---------------------------|--|
| C71.3                     | Malignant neoplasm of parietal lobe  |
| C71.4                     | Malignant neoplasm of occipital lobe   |
| C71.5                     | Malignant neoplasm of cerebral ventricle   |
| C71.6                     | Malignant neoplasm of cerebellum   |
| C71.7                     | Malignant neoplasm of brain stem   |
| C71.8                     | Malignant neoplasm of overlapping sites of brain                                   |
| 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                                  |
| D33.0                     | Benign neoplasm of brain and other parts of central nervous system; supratentorial |
| D33.1                     | Benign neoplasm of brain and other parts of central nervous system; infratentorial |
| D33.2                     | Benign neoplasm of brain and other parts of central nervous system; unspecified    |
| 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                                   |
| D49.6                     | Neoplasm of unspecified behavior of brain  |
| F01.50                    | Vascular dementia without behavioral disturbance                                   |
| F01.51                    | Vascular dementia with behavioral disturbance                                      |
| F05                       | Delirium due to known physiological condition                                      |
| F07.81                    | Postconcussional syndrome  |
| F84.0                     | Autistic disorder  |
| F84.3                     | Other childhood disintegrative disorder  |
| F84.5                     | Asperger's syndrome  |
| F84.8                     | Other pervasive developmental disorders  |
| G10                       | Huntington's disease   |
| G20                       | Parkinson's disease  |
| G21.0                     | Malignant neuroleptic syndrome   |
| G21.3                     | Postencephalitic parkinsonism  |
| G21.4                     | Vascular parkinsonism  |
| G25.89                    | Other specified extrapyramidal and movement disorders                              |
| G26                       | Extrapyramidal and movement disorders in diseases classified elsewhere             |
| G30.0                     | Alzheimer's disease with early onset   |
| G30.1                     | Alzheimer's disease with late onset  |
| G30.8                     | Other Alzheimer's disease  |
| G31.09                    | Other frontotemporal dementia  |

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| ICD-10-CM Diagnosis Codes | Description  |
|---------------------------|--|
| G31.83                    | Dementia with Lewy bodies  |
| G35                       | Multiple sclerosis   |
| G40.001                   | Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, with status epilepticus    |
| G40.009                   | Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, not intractable, without status epilepticus |
| G40.011                   | Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, with status epilepticus        |
| G40.019                   | Localization-related (focal) (partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset, intractable, without status epilepticus     |
| G40.101                   | Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus       |
| G40.109                   | Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus    |
| G40.111                   | Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, with status epilepticus           |
| G40.119                   | Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, intractable, without status epilepticus        |
| G40.201                   | Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, with status epilepticus      |
| G40.209                   | Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, not intractable, without status epilepticus   |
| G40.211                   | Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, with status epilepticus          |
| G40.219                   | Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures, intractable, without status epilepticus       |
| G40.301                   | Generalized idiopathic epilepsy and epileptic syndromes, not intractable, with status epilepticus  |
| G40.309                   | Generalized idiopathic epilepsy and epileptic syndromes, not intractable, without status epilepticus   |
| G40.311                   | Generalized idiopathic epilepsy and epileptic syndromes, intractable, with status epilepticus  |
| G40.319                   | Generalized idiopathic epilepsy and epileptic syndromes, intractable, without status epilepticus   |
| G40.401                   | Other generalized epilepsy and epileptic syndromes, not intractable, with status epilepticus   |
| G40.409                   | Other generalized epilepsy and epileptic syndromes, not intractable, without status epilepticus  |
| G40.411                   | Other generalized epilepsy and epileptic syndromes, intractable, with status epilepticus   |
| G40.419                   | Other generalized epilepsy and epileptic syndromes, intractable, without status epilepticus  |

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|---------------------------|---|
| G40.501                   | Epileptic seizures related to external causes, not intractable, with status epilepticus                               |
| G40.509                   | Epileptic seizures related to external causes, not intractable, without status epilepticus                            |
| G40.801                   | Other epilepsy, not intractable, with status epilepticus  |
| G40.802                   | Other epilepsy, not intractable, without status epilepticus   |
| G40.803                   | Other epilepsy, intractable, with status epilepticus  |
| G40.804                   | Other epilepsy, intractable, without status epilepticus   |
| G40.811                   | Lennox-Gastaut syndrome, not intractable, with status epilepticus   |
| G40.812                   | Lennox-Gastaut syndrome, not intractable, without status epilepticus  |
| G40.813                   | Lennox-Gastaut syndrome, intractable, with status epilepticus   |
| G40.814                   | Lennox-Gastaut syndrome, intractable, without status epilepticus  |
| G40.821                   | Epileptic spasms, not intractable, with status epilepticus  |
| G40.822                   | Epileptic spasms, not intractable, without status epilepticus   |
| G40.823                   | Epileptic spasms, intractable, with status epilepticus  |
| G40.824                   | Epileptic spasms, intractable, without status epilepticus   |
| G40.89                    | Other seizures  |
| G45.4                     | Transient global amnesia  |
| G46.3                     | Brain stem stroke syndrome  |
| G46.4                     | Cerebellar stroke syndrome  |
| G46.5                     | Pure motor lacunar syndrome   |
| G46.6                     | Pure sensory lacunar syndrome   |
| G46.7                     | Other lacunar syndromes   |
| G46.8                     | Other vascular syndromes of brain in cerebrovascular diseases   |
| G91.0                     | Communicating hydrocephalus   |
| G91.1                     | Obstructive hydrocephalus   |
| G91.2                     | (Idiopathic) normal pressure hydrocephalus  |
| G91.4                     | Hydrocephalus in diseases classified elsewhere  |
| G91.8                     | Other hydrocephalus   |
| G97.31                    | Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating a nervous system procedure |
| G97.32                    | Intraoperative hemorrhage and hematoma of a nervous system organ or structure complicating other procedure            |
| 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   |



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| 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          |
| I63.031                   | 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 vertebral arteries          |
| 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            |
| I63.131                   | 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              |
| I63.311                   | 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 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 due 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 due 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      |



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| 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  |
| I63.6                     | Cerebral infarction due to cerebral venous thrombosis, nonpyogenic                                    |
| I63.81                    | Other cerebral infarction due to occlusion or stenosis of small artery                                |
| I63.89                    | Other cerebral infarction   |
| I67.1                     | Cerebral aneurysm, nonruptured  |
| I67.4                     | Hypertensive encephalopathy   |
| I67.5                     | Moyamoya disease  |
| I67.6                     | Nonpyogenic thrombosis of intracranial venous system  |
| I67.7                     | Cerebral arteritis, not elsewhere classified  |
| I67.81                    | Acute cerebrovascular insufficiency   |
| I67.82                    | Cerebral ischemia   |
| I67.83                    | Posterior reversible encephalopathy syndrome  |
| I67.850                   | Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy            |
| I67.858                   | Other hereditary cerebrovascular disease  |
| I69.010                   | Attention and concentration deficit following nontraumatic subarachnoid hemorrhage                    |
| I69.011                   | Memory deficit following nontraumatic subarachnoid hemorrhage   |
| I69.012                   | Visuospatial deficit and spatial neglect following nontraumatic subarachnoid hemorrhage               |
| I69.013                   | Psychomotor deficit following nontraumatic subarachnoid hemorrhage                                    |
| I69.014                   | Frontal lobe and executive function deficit following nontraumatic subarachnoid hemorrhage            |
| I69.015                   | Cognitive social or emotional deficit following nontraumatic subarachnoid hemorrhage                  |
| I69.018                   | Other symptoms and signs involving cognitive functions following nontraumatic subarachnoid hemorrhage |
| I69.020                   | Aphasia following nontraumatic subarachnoid hemorrhage  |
| I69.021                   | Dysphasia following nontraumatic subarachnoid hemorrhage  |
| I69.022                   | Dysarthria following nontraumatic subarachnoid hemorrhage   |
| I69.023                   | Fluency disorder following nontraumatic subarachnoid hemorrhage                                       |
| I69.028                   | Other speech and language deficits following nontraumatic subarachnoid hemorrhage                     |
| I69.110                   | Attention and concentration deficit following nontraumatic intracerebral hemorrhage                   |
| I69.111                   | Memory deficit following nontraumatic intracerebral hemorrhage  |

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| I69.112                   | Visuospatial deficit and spatial neglect following nontraumatic intracerebral hemorrhage                    |
| I69.113                   | Psychomotor deficit following nontraumatic intracerebral hemorrhage   |
| I69.114                   | Frontal lobe and executive function deficit following nontraumatic intracerebral hemorrhage                 |
| I69.115                   | Cognitive social or emotional deficit following nontraumatic intracerebral hemorrhage                       |
| I69.118                   | Other symptoms and signs involving cognitive functions following nontraumatic intracerebral hemorrhage      |
| I69.120                   | Aphasia following nontraumatic intracerebral hemorrhage   |
| I69.121                   | Dysphasia following nontraumatic intracerebral hemorrhage   |
| I69.122                   | Dysarthria following nontraumatic intracerebral hemorrhage  |
| I69.123                   | Fluency disorder following nontraumatic intracerebral hemorrhage  |
| I69.128                   | Other speech and language deficits following nontraumatic intracerebral hemorrhage                          |
| I69.210                   | Attention and concentration deficit following other nontraumatic intracranial hemorrhage                    |
| I69.211                   | Memory deficit following other nontraumatic intracranial hemorrhage   |
| I69.212                   | Visuospatial deficit and spatial neglect following other nontraumatic intracranial hemorrhage               |
| I69.213                   | Psychomotor deficit following other nontraumatic intracranial hemorrhage                                    |
| I69.214                   | Frontal lobe and executive function deficit following other nontraumatic intracranial hemorrhage            |
| I69.215                   | Cognitive social or emotional deficit following other nontraumatic intracranial hemorrhage                  |
| I69.218                   | Other symptoms and signs involving cognitive functions following other nontraumatic intracranial hemorrhage |
| I69.220                   | Aphasia following other nontraumatic intracranial hemorrhage  |
| I69.221                   | Dysphasia following other nontraumatic intracranial hemorrhage  |
| I69.222                   | Dysarthria following other nontraumatic intracranial hemorrhage   |
| I69.223                   | Fluency disorder following other nontraumatic intracranial hemorrhage                                       |
| I69.228                   | Other speech and language deficits following other nontraumatic intracranial hemorrhage                     |
| I69.310                   | Attention and concentration deficit following cerebral infarction   |
| I69.311                   | Memory deficit following cerebral infarction  |
| I69.312                   | Visuospatial deficit and spatial neglect following cerebral infarction                                      |
| I69.313                   | Psychomotor deficit following cerebral infarction   |
| I69.314                   | Frontal lobe and executive function deficit following cerebral infarction                                   |
| I69.315                   | Cognitive social or emotional deficit following cerebral infarction   |
| I69.318                   | Other symptoms and signs involving cognitive functions following cerebral infarction                        |
| I69.320                   | Aphasia following cerebral infarction   |
| I69.321                   | Dysphasia following cerebral infarction   |
| I69.322                   | Dysarthria following cerebral infarction  |

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|---------------------------|--|
| I69.323                   | Fluency disorder following cerebral infarction   |
| I69.328                   | Other speech and language deficits following cerebral infarction                                       |
| I69.810                   | Attention and concentration deficit following other cerebrovascular disease                            |
| I69.811                   | Memory deficit following other cerebrovascular disease   |
| I69.812                   | Visuospatial deficit and spatial neglect following other cerebrovascular disease                       |
| I69.813                   | Psychomotor deficit following other cerebrovascular disease  |
| I69.814                   | Frontal lobe and executive function deficit following other cerebrovascular disease                    |
| I69.815                   | Cognitive social or emotional deficit following other cerebrovascular disease                          |
| I69.818                   | Other symptoms and signs involving cognitive functions following other cerebrovascular disease         |
| I69.820                   | Aphasia following other cerebrovascular disease  |
| I69.821                   | Dysphasia following other cerebrovascular disease  |
| I69.822                   | Dysarthria following other cerebrovascular disease   |
| I69.823                   | Fluency disorder following other cerebrovascular disease   |
| I69.828                   | Other speech and language deficits following other cerebrovascular disease                             |
| I97.810                   | Intraoperative cerebrovascular infarction during cardiac surgery                                       |
| I97.811                   | Intraoperative cerebrovascular infarction during other surgery   |
| I97.820                   | Postprocedural cerebrovascular infarction following cardiac surgery                                    |
| I97.821                   | Postprocedural cerebrovascular infarction following other surgery                                      |
| Q03.0                     | Malformations of aqueduct of Sylvius   |
| Q03.1                     | Atresia of foramina of Magendie and Luschka  |
| Q03.8                     | Other congenital hydrocephalus   |
| Q05.0                     | Cervical spina bifida with hydrocephalus   |
| Q05.1                     | Thoracic spina bifida with hydrocephalus   |
| Q05.2                     | Lumbar spina bifida with hydrocephalus   |
| Q05.3                     | Sacral spina bifida with hydrocephalus   |
| Q05.4                     | Unspecified spina bifida with hydrocephalus  |
| Q07.02                    | Arnold-Chiari syndrome with hydrocephalus  |
| Q07.03                    | Arnold-Chiari syndrome with spina bifida and hydrocephalus   |
| R40.0                     | Somnolence   |
| R40.1                     | Stupor   |
| R56.1                     | Post traumatic seizures  |
| R56.9                     | Unspecified convulsions  |
| S06.1X0A                  | Traumatic cerebral edema without loss of consciousness, initial encounter                              |
| S06.1X1A                  | Traumatic cerebral edema with loss of consciousness of 30 minutes or less, initial encounter           |
| S06.1X2A                  | Traumatic cerebral edema with loss of consciousness of 31 minutes to 59 minutes, initial encounter     |
| S06.1X3A                  | Traumatic cerebral edema with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter |

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| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
| <b>POLICY NUMBER</b> | <b>MP-4.027</b>  |

| ICD-10-CM Diagnosis Codes | Description  |
|---------------------------|--|
| S06.1X4A                  | Traumatic cerebral edema with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.1X5A                  | Traumatic cerebral edema with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                                 |
| S06.1X6A                  | Traumatic cerebral edema with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter       |
| S06.1X7A                  | Traumatic cerebral edema with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter                   |
| S06.1X8A                  | Traumatic cerebral edema with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter                    |
| S06.1X9A                  | Traumatic cerebral edema with loss of consciousness of unspecified duration, initial encounter   |
| S06.2X0A                  | Diffuse traumatic brain injury without loss of consciousness, initial encounter  |
| S06.2X1A                  | Diffuse traumatic brain injury with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.2X2A                  | Diffuse traumatic brain injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.2X3A                  | Diffuse traumatic brain injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.2X4A                  | Diffuse traumatic brain injury with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.2X5A                  | Diffuse traumatic brain injury with loss of consciousness greater than 24 hours with return to pre-existing conscious levels, initial encounter                          |
| S06.2X6A                  | Diffuse traumatic brain injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| S06.2X7A                  | Diffuse traumatic brain injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter             |
| S06.2X8A                  | Diffuse traumatic brain injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter              |
| S06.310A                  | Contusion and laceration of right cerebrum without loss of consciousness, initial encounter  |
| S06.311A                  | Contusion and laceration of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.312A                  | Contusion and laceration of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.313A                  | Contusion and laceration of right cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.314A                  | Contusion and laceration of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| 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               |

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| ICD-10-CM Diagnosis Codes | Description  |
|---------------------------|--|
| 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 |
| S06.317A                  | Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter             |
| S06.318A                  | Contusion and laceration of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter              |
| S06.319A                  | Contusion and laceration of right cerebrum with loss of consciousness of unspecified duration, initial encounter   |
| S06.320A                  | Contusion and laceration of left cerebrum without loss of consciousness, initial encounter   |
| S06.321A                  | Contusion and laceration of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter  |
| S06.322A                  | Contusion and laceration of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter  |
| S06.323A                  | Contusion and laceration of left cerebrum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter  |
| S06.324A                  | Contusion and laceration of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter   |
| 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                            |
| S06.326A                  | 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  |
| S06.327A                  | Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter              |
| S06.328A                  | Contusion and laceration of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter               |
| S06.329A                  | Contusion and laceration of left cerebrum with loss of consciousness of unspecified duration, initial encounter  |
| S06.330A                  | Contusion and laceration of cerebrum, unspecified, without loss of consciousness, initial encounter  |
| S06.331A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.332A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.333A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.334A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter  |

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| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
| <b>POLICY NUMBER</b> | <b>MP-4.027</b>  |

| ICD-10-CM Diagnosis Codes | Description  |
|---------------------------|--|
| S06.335A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                           |
| S06.336A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| S06.337A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter             |
| S06.338A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter              |
| S06.339A                  | Contusion and laceration of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter   |
| S06.340A                  | Traumatic hemorrhage of right cerebrum without loss of consciousness, initial encounter  |
| S06.341A                  | Traumatic hemorrhage of right cerebrum with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.342A                  | Traumatic hemorrhage of right cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.343A                  | Traumatic hemorrhage of right cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter  |
| S06.344A                  | Traumatic hemorrhage of right cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.345A                  | Traumatic hemorrhage of right cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                                       |
| S06.346A                  | 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             |
| S06.347A                  | Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter                         |
| S06.348A                  | Traumatic hemorrhage of right cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter                          |
| S06.349A                  | Traumatic hemorrhage of right cerebrum with loss of consciousness of unspecified duration, initial encounter   |
| S06.350A                  | Traumatic hemorrhage of left cerebrum without loss of consciousness, initial encounter   |
| S06.351A                  | Traumatic hemorrhage of left cerebrum with loss of consciousness of 30 minutes or less, initial encounter  |
| S06.352A                  | Traumatic hemorrhage of left cerebrum with loss of consciousness of 31 minutes to 59 minutes, initial encounter  |
| S06.353A                  | Traumatic hemorrhage of left cerebrum with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter   |



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| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
| <b>POLICY NUMBER</b> | <b>MP-4.027</b>  |

| ICD-10-CM Diagnosis Codes | Description  |
|---------------------------|--|
| S06.354A                  | Traumatic hemorrhage of left cerebrum with loss of consciousness of 6 hours to 24 hours, initial encounter   |
| S06.355A                  | Traumatic hemorrhage of left cerebrum with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                                    |
| S06.356A                  | 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          |
| S06.357A                  | Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter                      |
| S06.358A                  | Traumatic hemorrhage of left cerebrum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter                       |
| S06.359A                  | Traumatic hemorrhage of left cerebrum with loss of consciousness of unspecified duration, initial encounter  |
| S06.360A                  | Traumatic hemorrhage of cerebrum, unspecified, without loss of consciousness, initial encounter  |
| S06.361A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.362A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.363A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 1 hours to 5 hours 59 minutes, initial encounter  |
| S06.364A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.365A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                           |
| S06.366A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| S06.367A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter             |
| S06.368A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter              |
| S06.369A                  | Traumatic hemorrhage of cerebrum, unspecified, with loss of consciousness of unspecified duration, initial encounter   |
| S06.370A                  | Contusion, laceration, and hemorrhage of cerebellum without loss of consciousness, initial encounter   |
| S06.371A                  | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 30 minutes or less, initial encounter  |



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| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
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| ICD-10-CM Diagnosis Codes | Description   |
|---------------------------|---|
| S06.372A                  | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.373A                  | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.374A                  | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| 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                           |
| S06.376A                  | 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 |
| S06.377A                  | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter             |
| S06.378A                  | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter              |
| S06.379A                  | Contusion, laceration, and hemorrhage of cerebellum with loss of consciousness of unspecified duration, initial encounter   |
| S06.380A                  | Contusion, laceration, and hemorrhage of brainstem without loss of consciousness, initial encounter   |
| S06.381A                  | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 30 minutes or less, initial encounter  |
| S06.382A                  | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 31 minutes to 59 minutes, initial encounter  |
| S06.383A                  | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter  |
| S06.384A                  | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of 6 hours to 24 hours, initial encounter   |
| 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                            |
| S06.386A                  | 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  |
| S06.387A                  | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter              |
| S06.388A                  | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter               |
| S06.389A                  | Contusion, laceration, and hemorrhage of brainstem with loss of consciousness of unspecified duration, initial encounter  |

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| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
| <b>POLICY NUMBER</b> | <b>MP-4.027</b>  |

| ICD-10-CM Diagnosis Codes | Description   |
|---------------------------|---|
| S06.4X0A                  | Epidural hemorrhage without loss of consciousness, initial encounter  |
| S06.4X1A                  | Epidural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.4X2A                  | Epidural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.4X3A                  | Epidural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.4X4A                  | Epidural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.4X5A                  | Epidural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                                     |
| S06.4X6A                  | Epidural hemorrhage with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter           |
| S06.4X7A                  | Epidural hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter                       |
| S06.4X8A                  | Epidural hemorrhage with loss of consciousness of any duration with death due to other causes prior to regaining consciousness, initial encounter                       |
| S06.4X9A                  | Epidural hemorrhage with loss of consciousness of unspecified duration, initial encounter   |
| S06.5X0A                  | Traumatic subdural hemorrhage without loss of consciousness, initial encounter  |
| S06.5X1A                  | Traumatic subdural hemorrhage with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.5X2A                  | Traumatic subdural hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.5X3A                  | Traumatic subdural hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.5X4A                  | Traumatic subdural hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.5X5A                  | Traumatic subdural hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                           |
| 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 |
| S06.5X7A                  | Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to brain injury before regaining consciousness, initial encounter               |
| S06.5X8A                  | Traumatic subdural hemorrhage with loss of consciousness of any duration with death due to other cause before regaining consciousness, initial encounter                |
| S06.5X9A                  | Traumatic subdural hemorrhage with loss of consciousness of unspecified duration, initial encounter   |
| S06.6X0A                  | Traumatic subarachnoid hemorrhage without loss of consciousness, initial encounter  |
| S06.6X1A                  | Traumatic subarachnoid hemorrhage with loss of consciousness of 30 minutes or less, initial encounter   |

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| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
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| ICD-10-CM Diagnosis Codes | Description   |
|---------------------------|---|
| S06.6X2A                  | Traumatic subarachnoid hemorrhage with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.6X3A                  | Traumatic subarachnoid hemorrhage with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.6X4A                  | Traumatic subarachnoid hemorrhage with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.6X5A                  | Traumatic subarachnoid hemorrhage with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter   |
| 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   |
| S06.6X7A                  | Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter   |
| S06.6X8A                  | Traumatic subarachnoid hemorrhage with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter  |
| S06.6X9A                  | Traumatic subarachnoid hemorrhage with loss of consciousness of unspecified duration, initial encounter   |
| S06.810A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter  |
| S06.811A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.812A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.813A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.814A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.815A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                           |
| S06.816A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| S06.817A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter             |
| S06.818A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter              |
| S06.819A                  | Injury of right internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter   |

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| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
| <b>POLICY NUMBER</b> | <b>MP-4.027</b>  |

| ICD-10-CM Diagnosis Codes | Description  |
|---------------------------|--|
| S06.820A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified without loss of consciousness, initial encounter  |
| S06.821A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.822A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.823A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.824A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.825A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                           |
| S06.826A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| S06.827A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter             |
| S06.828A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter              |
| S06.829A                  | Injury of left internal carotid artery, intracranial portion, not elsewhere classified with loss of consciousness of unspecified duration, initial encounter   |
| S06.890A                  | Other specified intracranial injury without loss of consciousness, initial encounter   |
| S06.891A                  | Other specified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter  |
| S06.892A                  | Other specified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter  |
| S06.893A                  | Other specified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter  |
| S06.894A                  | Other specified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter   |
| S06.895A                  | Other specified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter  |
| S06.896A                  | Other specified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter  |
| S06.897A                  | Other specified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter  |
| S06.898A                  | Other specified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter   |

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| ICD-10-CM Diagnosis Codes | Description   |
|---------------------------|---|
| S06.899A                  | Other specified intracranial injury with loss of consciousness of unspecified duration, initial encounter   |
| S06.9X0A                  | Unspecified intracranial injury without loss of consciousness, initial encounter  |
| S06.9X1A                  | Unspecified intracranial injury with loss of consciousness of 30 minutes or less, initial encounter   |
| S06.9X2A                  | Unspecified intracranial injury with loss of consciousness of 31 minutes to 59 minutes, initial encounter   |
| S06.9X3A                  | Unspecified intracranial injury with loss of consciousness of 1 hour to 5 hours 59 minutes, initial encounter   |
| S06.9X4A                  | Unspecified intracranial injury with loss of consciousness of 6 hours to 24 hours, initial encounter  |
| S06.9X5A                  | Unspecified intracranial injury with loss of consciousness greater than 24 hours with return to pre-existing conscious level, initial encounter                           |
| S06.9X6A                  | Unspecified intracranial injury with loss of consciousness greater than 24 hours without return to pre-existing conscious level with patient surviving, initial encounter |
| S06.9X7A                  | Unspecified intracranial injury with loss of consciousness of any duration with death due to brain injury prior to regaining consciousness, initial encounter             |
| S06.9X8A                  | Unspecified intracranial injury with loss of consciousness of any duration with death due to other cause prior to regaining consciousness, initial encounter              |
| S06.9X9A                  | Unspecified intracranial injury with loss of consciousness of unspecified duration, initial encounter   |
| T56.0X1A                  | Toxic effect of cyanides, accidental (unintentional), initial encounter   |
| T56.0X1D                  | Toxic effect of cyanides, accidental (unintentional), subsequent encounter  |
| T56.0X1S                  | Toxic effect of cyanides, accidental (unintentional), sequela   |
| T56.0X2A                  | Toxic effect of cyanides, intentional self-harm, initial encounter  |
| T56.0X2D                  | Toxic effect of cyanides, intentional self-harm, subsequent encounter   |
| T56.0X2S                  | Toxic effect of cyanides, intentional self-harm, sequela  |
| T56.0X3A                  | Toxic effect of cyanides, assault, initial encounter  |
| T56.0X3D                  | Toxic effect of cyanides, assault, subsequent encounter   |
| T56.0X3S                  | Toxic effect of cyanides, assault, sequela  |
| T56.0X4S                  | Toxic effect of lead and its compounds, undetermined, sequela   |
| Z87.820                   | Personal history of traumatic brain injury  |
| Z92.21                    | Personal history of antineoplastic chemotherapy   |
| Z92.3                     | Personal history of irradiation   |

**IX. REFERENCES**

[Top](#)

*Almasi, SJ, Wilson, JJ. An update on the diagnosis and management of concussion. WMJ. 2012 Feb; 111(1):21-7.*

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| <b>POLICY TITLE</b>  | <b>NEUROPSYCHOLOGICAL TESTING (FOR MEDICAL PURPOSES)</b> |
| <b>POLICY NUMBER</b> | <b>MP-4.027</b>  |

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**MEDICAL POLICY**

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**X. POLICY HISTORY**

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|          |   |
|----------|---|
| MP 4.027 | <b>CAC 11/30/04</b>   |
|          | <b>CAC 11/29/05</b>   |
|          | <b>CAC 1/30/07</b>  |
|          | <b>CAC 11/27/07</b>   |
|          | <b>CAC 11/25/08</b>   |
|          | <b>CAC 9/29/09</b> Consensus Review   |
|          | <b>CAC 11/30/10</b> Consensus Review  |
|          | <b>CAC 10/30/12</b> Consensus review. References updated but no changes to the policy statements. Codes reviewed 10/18/12 note no ICD10 codes on policy began adding codes.   |
|          | <b>CAC 11/26/13</b> Consensus review. References updated but no changes to the policy statements. Coding reviewed and updated 5-1-14.   |
|          | <b>11/07/2014</b> -Update the code ranges on the ICD 10 codes and consensus reviewed and completed.   |
|          | <b>CAC 11/24/15</b> Consensus. No change to policy statements. References updated. Medicare variation added to reference L35101. Coding updated.  |
|          | <b>CAC 1/26/16</b> Minor review. Policy statements revised to enhance clarity and specificity. References updated. Coding updated.  |
|          | <b>Admin update 1/1/17:</b> Product variation section updated. New diagnosis codes added effective 10/1/16.   |
|          | <b>CAC 9/27/16</b> Minor review. Added the following indications which are considered to be not medically necessary. <ul style="list-style-type: none"> <li>• Autistic Spectrum Disorders</li> <li>• Attention Deficit/Hyperactivity Disorder</li> <li>• Delirium</li> <li>• Developmental Disability</li> <li>• Intellectual disability</li> </ul> |



# MEDICAL POLICY

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|  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li>• Psychotic Conditions</li> <li>• Any medically acute condition</li> </ul> <p>Coding reviewed. Coding updated on 10/26/16 &amp; 1/23/17.</p>   |
|  | <p><b>CAC 5/23/17</b> Removed autistic spectrum disorders and developmental delay from list of not medically necessary indications. Refer to MP 2.304 Pervasive Developmental Disorders. Attention deficit/hyperactivity disorder remains as not medically necessary Added statement addressing testing frequency. Coding Reviewed.</p> |
|  | <p><b>1/1/18 Admin Update:</b> Medicare variations removed from Commercial Policies.</p>  |
|  | <p><b>2/15/18</b> Consensus review. No change to policy statements. References reviewed.</p>  |
|  | <p><b>10/1/18 Admin Update:</b> Removed deleted ICD-10 codes and added new ICD-10 codes effective 10/1/18.</p>  |
|  | <p><b>1/1/19 Admin Update:</b> Removed deleted codes 96118-96120. Added new codes 96132-96139, and 96146 effective 1/1/19.</p>  |
|  | <p><b>2/11/19</b> Consensus review. No change to policy statements. Background and references reviewed.</p>   |
|  | <p><b>7/17/19 Admin update:</b> Coding review completed and diagnosis codes updated.</p>  |
|  | <p><b>02/17/2020</b> Consensus Review. References and literature reviewed. No changes to policy statement.</p>  |

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