

# eVox<sup>®</sup> System

## Billing and Coding

CPT Codes commonly used for EEG assessment & analysis are found below. When used in conjunction with certain ICD-10 codes, existing physicians have reported successful reimbursements.

CPT Code	Description
<b>96120</b>	Neuropsychological testing by computer
<b>95957</b>	Digital Electroencephalogram (EEG) Analysis
<b>95816</b>	Electroencephalogram (EEG) recording including awake and drowsy
<b>95930</b>	Visual evoked potential (VEP) testing
<b>92585</b>	Auditory evoked potentials for evoked response
<b>93040*</b>	Rhythm Electrocardiography (ECG), 1-3 ECG leads with interpretation and report

CPT Codes above are provided for example purposes only. Consult your billing service provider for additional information. Evoke does not provide guarantee of reimbursements. In conjunction with the above CPT codes, physicians should select the most appropriate ICD-10 code(S) with the highest level of detail to describe the patient's condition. Medical necessity determination is the responsibility of the physician.

The eVox<sup>®</sup> System is a Class II medical device that has received Section 510(K) clearance from the FDA. It is intended for the acquisition, display, and storage, of electrical activity of a patient's brain including electroencephalograph (EEG) and event-related potentials (ERP) obtained by placing two or more electrodes on the head to aid in diagnosis. The eVox System has the added capability to be used as a biofeedback device, where such an intervention is indicated.

\* CPT code 93040 is performed to inform and help physicians plan individualized biofeedback

## 96120: Neuropsychological testing by computer

ICD-10	Subcode	
F01	2	Vascular dementia
F02	2	Dementia in other diseases classified elsewhere (secondary diagnosis)
F05	0	Delirium due to known physiological condition
F06	10	Other mental disorders due to known physiological condition
F07	2	Personality and behavioral disorders due to known physiological condition
F09	0	Unspecified mental disorder due to known physiological condition
F10	46	Alcohol related disorders (F10.21 excluded for this CPT)
F17	10	Nicotine dependence (.200, .210, .213, .218, .220, .223, .228, .290, .293, .298)
F19	57	Other psychoactive substance related disorders
F22	0	Delusional disorders
F31	28	Bipolar disorder (F31.70 excluded for this CPT)
F32	8	Major depressive disorder, single episode
F33	9	Major depressive disorder, recurrent (F33.40 excluded for this CPT)
F34	5	Persistent mood disorders
F41	5	Other anxiety disorders
F43	11	Reaction to severe stress, and adjustment disorders
F51	15	Sleep disorders not due to a substance or known physiological condition (F51.9 excluded for this CPT)
F80	3	Specific developmental disorders of speech and language
G10	0	Huntington's disease
G20	0	Parkinson's disease
G25	16	Other extrapyramidal & movement disorder (G25.3, G25.4, G25.5, G25.61, G25.69, G25.70, G25.82, G25.83 excluded for this CPT)
G30	4	Alzheimer's disease
G31	10	Other degenerative diseases of nervous system, not elsewhere classified (G31.2, G31.81, G31.89 excluded for this CPT)
G44.209	0	Tension-type headache, unspecified, not intractable
G89.21	0	Chronic pain due to trauma
G89.28	0	Other chronic post procedural pain
G89.29	0	Other chronic pain
G89.4	0	Chronic pain syndrome
H93.25	0	Central auditory processing disorder
R40.0	0	Somnolence
R41	15	Other symptoms and signs involving cognitive functions and awareness
R42	0	Dizziness and giddiness
R45	17	Symptoms and involving emotional state
R56.9	0	Unspecified convulsions
S06	18	Intracranial Injury

## 95957: Digital EEG Analysis

ICD-10	Subcode	
E11.65	0	Type 2 diabetes mellitus with hyperglycemia
E51	5	Thiamine deficiency
F01	2	Vascular dementia
F02	2	Dementia in other diseases classified elsewhere (secondary Dx)
F03	2	Unspecified dementia
F05	0	Delirium due to known physiological condition
F06	10	Other mental disorders due to known physiological condition
F07	2	Personality and behavioral disorders due to known physiological condition
F09	0	Unspecified mental disorder due to known physiological condition
F10	46	Alcohol related disorders
F19	57	Other psychoactive substance related disorders
F22	0	Delusional disorders
F31	28	Bipolar disorder
F32	8	Major depressive disorder, single episode
F33	9	Major depressive disorder, recurrent
F34	5	Persistent mood disorders
F39	0	Unspecified mood disorder
F41	5	Other anxiety disorders
F44	10	Dissociative and conversion disorders
F51	15	Sleep disorders not due to a substance or known physiological condition
F80	3	Specific developmental disorders of speech and language
G10	0	Huntington's disease
G20	0	Parkinson's disease
G25	16	Other extrapyramidal & movement disorder
G30	4	Alzheimer's disease
G31	10	Other degenerative diseases of nervous system, not elsewhere classified
G40.101	0	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus
G40.109	0	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus
G40.A01	0	Absence epileptic syndrome, not intractable, with status epilepticus
G40.A09	0	Absence epileptic syndrome, not intractable, without status epilepticus
G40.A11	0	Absence epileptic syndrome, intractable, with status epilepticus
G40.A19	0	Absence epileptic syndrome, intractable, without status epilepticus
G40.804	0	Other epilepsy, intractable, without status epilepticus
G40.821	0	Epileptic spasms, not intractable, with status epilepticus
G40.822	0	Epileptic spasms, not intractable, without status epilepticus
G40.823	0	Epileptic spasms, intractable, with status epilepticus
G40.824	0	Epileptic spasms, intractable, without status epilepticus
G40.901	0	Epilepsy, unspecified, not intractable, with status epilepticus
G40.909	0	Epilepsy, unspecified, not intractable, without status epilepticus
G40.911	0	Epilepsy, unspecified, intractable, with status epilepticus

G40.919	0	Epilepsy, unspecified, intractable, without status epilepticus
G43	44	Migraine
G44	39	Other headache syndromes
G47	5	Sleep disorders (G47.00, G47.01, G47.09, G47.8, G47.9)
G50	4	Disorders of trigeminal nerve
G89	10	Pain, not elsewhere classified
G90.3	0	Multi-system degeneration of the autonomic nervous system
G93.3	0	Postviral fatigue syndrome
H53	80	Visual disturbance
H74.32	4	Partial loss of ear ossicles
H81	32	Disorders of vestibular function
H83	24	Other diseases of inner ear
H90	13	Conductive and sensorineural hearing loss
H91.93	0	Unspecified hearing loss, bilateral
H93	45	Other disorders of ear, not elsewhere classified
I10	0	Essential (primary) hypertension
I45.9	0	Conduction disorder, unspecified (meets medical necessity in FL)
I67.9	0	Cerebrovascular disease, unspecified (meets medical necessity in FL)
R11.0	0	Nausea
R40.0	0	Somnolence
R41	15	Other symptoms and signs involving cognitive functions and awareness
R42	0	Dizziness and giddiness
R43	5	Disturbances of smell and taste
R45	17	Symptoms and involving emotional state
R52	0	Pain, unspecified
R53	6	Malaise and fatigue
R55	0	Syncope and collapse
R56.9	0	Unspecified convulsions
S06	18	Intracranial Injury
S06.9	21	Unspecified intracranial injury
Z72.82	2	Problems related to sleep
Z73	14	Problems related to life management difficulty
Z91.81	0	History of falling

**95816: EEG recording including awake and drowsy**

ICD-10	Subcode	
E03.8	0	Other specified hypothyroidism
E11.65	0	Type 2 diabetes mellitus with hyperglycemia
E51	5	Thiamine deficiency
F01	2	Vascular dementia
F02	2	Dementia in other diseases classified elsewhere (secondary diagnosis)
F03	2	Unspecified dementia
F05	0	Delirium due to known physiological condition
F06	10	Other mental disorders due to known physiological condition
F07	2	Personality and behavioral disorders due to known physiological condition
F09	0	Unspecified mental disorder due to known physiological condition
F10	46	Alcohol related disorders
F19	57	Other psychoactive substance related disorders
F22	0	Delusional disorders
F32	8	Major depressive disorder, single episode
F33	9	Major depressive disorder, recurrent
F34	5	Persistent mood disorders
F39	0	Unspecified mood disorder
F41	5	Other anxiety disorders
F43	11	Reaction to severe stress, and adjustment disorders
F44	10	Dissociative and conversion disorders
F51	15	Sleep disorders not due to a substance or known physiological condition
F80	3	Specific developmental disorders of speech and language
G10	0	Huntington's disease
G20	0	Parkinson's disease
G25	16	Other extrapyramidal & movement disorder
G30	4	Alzheimer's disease
G31	10	Other degenerative diseases of nervous system, not elsewhere classified
G40.101	0	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, with status epilepticus
G40.109	0	Localization-related (focal) (partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures, not intractable, without status epilepticus
G40.A01	0	Absence epileptic syndrome, not intractable, with status epilepticus
G40.A09	0	Absence epileptic syndrome, not intractable, without status epilepticus
G40.A11	0	Absence epileptic syndrome, intractable, with status epilepticus
G40.A19	0	Absence epileptic syndrome, intractable, without status epilepticus
G40.804	0	Other epilepsy, intractable, without status epilepticus
G40.821	0	Epileptic spasms, not intractable, with status epilepticus
G40.822	0	Epileptic spasms, not intractable, without status epilepticus
G40.823	0	Epileptic spasms, intractable, with status epilepticus
G40.824	0	Epileptic spasms, intractable, without status epilepticus
G40.901	0	Epilepsy, unspecified, not intractable, with status epilepticus
G40.909	0	Epilepsy, unspecified, not intractable, without status epilepticus

G40.911	0	Epilepsy, unspecified, intractable, with status epilepticus
G40.919	0	Epilepsy, unspecified, intractable, without status epilepticus
G43	44	Migraine
G44	39	Other headache syndromes
G47	5	Sleep disorders (G47.00, G47.01, G47.09, G47.8, G47.9)
G50	4	Disorders of trigeminal nerve
G89	10	Pain, not elsewhere classified
G90.3	0	Multi-system degeneration of the autonomic nervous system
G93.3	0	Postviral fatigue syndrome
H53	80	Visual disturbance
H74.32	4	Partial loss of ear ossicles
H81	32	Disorders of vestibular function
H83	24	Other diseases of inner ear
H90	13	Conductive and sensorineural hearing loss
H91.93	0	Unspecified hearing loss, bilateral
H93	45	Other disorders of ear, not elsewhere classified
I10	0	Essential (primary) hypertension
I45.9	0	Conduction disorder, unspecified (meets medical necessity in FL)
I67.9	0	Cerebrovascular disease, unspecified (meets medical necessity in FL)
R11.0	0	Nausea
R40.0	0	Somnolence
R41	15	Other symptoms and signs involving cognitive functions and awareness
R42	0	Dizziness and giddiness
R43	5	Disturbances of smell and taste
R44	6	Other symptoms and signs involving general sensations and perceptions
R45	17	Symptoms and involving emotional state
R52	0	Pain, unspecified
R53	6	Malaise and fatigue
R55	0	Syncope and collapse
R56.9	0	Unspecified convulsions
S06	18	Intracranial Injury
S06.9	21	Unspecified intracranial injury
Z72.82	2	Problems related to sleep
Z73	14	Problems related to life management difficulty
Z91.81	0	History of falling

<b>95930: Visual evoked potential (VEP) testing</b>		
<b>ICD-10</b>	<b>Subcode</b>	
G90.3	0	Multi-system degeneration of the autonomic nervous system
H53.11	0	Day blindness
H53.121	0	Transient visual loss, right eye
H53.122	0	Transient visual loss, left eye
H53.123	0	Transient visual loss, bilateral

H53.131	0	Sudden visual loss, right eye
H53.132	0	Sudden visual loss, left eye
H53.133	0	Sudden visual loss, bilateral
H53.141	0	Visual discomfort, right eye
H53.142	0	Visual discomfort, left eye
H53.143	0	Visual discomfort, bilateral
H53.61	0	Abnormal dark adaptation curve
H53.62	0	Acquired night blindness
H53.63	0	Congenital night blindness
H53.69	0	Other night blindness
H53.71	0	Glare sensitivity
H53.72	0	Impaired contrast sensitivity
H53.8	0	Other visual disturbances
R44.1	0	Visual hallucinations

<b>92585: Auditory Evoked Potentials for Evoked Response</b>		
<b>ICD-10</b>	<b>Subcode</b>	
G25	16	Other extrapyramidal & movement disorders
G90.3	0	Multi-system degeneration of the autonomic nervous system
H81.01	0	Meniere's disease, right ear
H81.02	0	Meniere's disease, left ear
H81.03	0	Meniere's disease, bilateral
H81.09	0	Meniere's disease, unspecified ear
H81.41	0	Vertigo of central origin, right ear
H81.42	0	Vertigo of central origin, left ear
H81.43	0	Vertigo of central origin, bilateral
H81.49	0	Vertigo of central origin, unspecified ear
H83.3X1	0	Noise effects on right inner ear
H83.3X2	0	Noise effects on left inner ear
H83.3X3	0	Noise effects on inner ear, bilateral
H83.3X9	0	Noise effects on inner ear, unspecified ear
H83.8X1	0	Other specified diseases of right inner ear
H83.8X2	0	Other specified diseases of left inner ear
H83.8X3	0	Other specified diseases of bilateral
H83.8X9	0	Other specified diseases of unspecified ear
H90	13	Conductive and sensorineural hearing loss
H91.21	0	Sudden idiopathic hearing loss, right ear
H91.22	0	Sudden idiopathic hearing loss, left ear
H91.23	0	Sudden idiopathic hearing loss, bilateral
H91.93	0	Unspecified hearing loss, bilateral
H93	45	Other disorders of ear, not elsewhere classified
R25	6	Abnormal involuntary movements
R42	0	Dizziness and giddiness

**93040: Rhythm ECG, 1-3 ECG leads with interpretation and report**

ICD-10	Subcode	
E03.8	0	Other specified hypothyroidism
E05.00	0	Thyrotoxicosis with diffuse goiter without thyrotoxic crisis or storm
E05.01	0	Thyrotoxicosis with diffuse goiter with thyrotoxic crisis or storm
E11.65	0	Type 2 diabetes mellitus with hyperglycemia
E13.51	0	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene
E13.52	0	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E20.0	0	Idiopathic hypoparathyroidism
E20.1	0	Pseudo-hypoparathyroidism
E20.8	0	Other hypoparathyroidism
E21.0	0	Primary hyperparathyroidism
E78.4	0	Other hyperlipidemia
E78.6	0	Lipoprotein deficiency
E78.79	0	Other disorders of bile acid and cholesterol metabolism
E78.81	0	Lipoid dermatoarthritis
E78.89	0	Other lipoprotein metabolism disorders
E51	5	Thiamine deficiency
F01	2	Vascular dementia
F02	2	Dementia in other diseases classified elsewhere (secondary Dx)
F03	2	Unspecified dementia
F05	0	Delirium due to known physiological condition
F06	10	Other mental disorders due to known physiological condition
F07	2	Personality and behavioral disorders due to known physiological condition
F09	0	Unspecified mental disorder due to known physiological condition
F10	46	Alcohol related disorders
F19	57	Other psychoactive substance related disorders
F22	0	Delusional disorders
F31	28	Bipolar disorder
F32	8	Major depressive disorder, single episode
F33	9	Major depressive disorder, recurrent
F34	5	Persistent mood disorders
F39	0	Unspecified mood disorder
F41	5	Other anxiety disorders
F43	5	Reaction to severe stress, and adjustment disorders
F44	10	Dissociative and conversion disorders
F51	15	Sleep disorders not due to a substance or known physiological condition
F80	3	Specific developmental disorders of speech and language
G10	0	Huntington's disease
G20	0	Parkinson's disease
G25	16	Other extrapyramidal & movement disorders



G30	4	Alzheimer's disease
G31	10	Other degenerative diseases of nervous system, not elsewhere classified
G43	44	Migraine
G44	39	Other headache syndromes
G47	5	Sleep disorders (G47.00, G47.01, G47.09, G47.8, G47.9)
G50	4	Disorders of trigeminal nerve
G89	10	Pain, not elsewhere classified
G90.3	0	Multi-system degeneration of the autonomic nervous system
G93.3	0	Postviral fatigue syndrome
H53	80	Visual disturbances
H74.32	4	Partial loss of ear ossicles
H81	32	Disorders of vestibular function
H90	13	Conductive and sensorineural hearing loss
H91.93	0	Unspecified hearing loss, bilateral
H93	45	Other disorders of ear, not elsewhere classified
I10	0	Essential (primary) hypertension
I11.0	0	Hypertensive heart disease with heart failure
I11.9	0	Hypertensive heart disease without heart failure
I45.9	0	Conduction disorder, unspecified
I67.9	0	Cerebrovascular disease, unspecified
R11.0	0	Nausea
R40.0	0	Somnolence
R41	15	Other symptoms and signs involving cognitive functions and awareness
R42	0	Dizziness and giddiness
R43	5	Disturbances of smell and taste
R44	6	Other symptoms and signs involving general sensations and perceptions
R45	17	Symptoms and involving emotional state
R52	0	Pain, unspecified
R53	6	Malaise and fatigue
R55	0	Syncope and collapse
R56.9	0	Unspecified convulsions
S06	18	Intracranial Injury
S06.9	21	Unspecified intracranial injury
Z72.82	2	Problems related to sleep
Z73	14	Problems related to life management difficulty
Z91.81	0	History of falling

These codes were scrubbed using the Medicare Administrative Contractor (MAC), Novitas-Solutions, LCD information. For further reference of what is allowed as medical necessity for billing 96120, 92585, and 95930 refer to LCD's L35101, and L34975. CMS website is [www.cms.gov](http://www.cms.gov).

Please check your local LCD's as other states may have additional LCD's established which could determine different medical necessity requirements from what is provided in this document.