

## Medical Policy



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Blue Cross Blue Shield Association

### Title: Video EEG Monitoring

#### **Professional**

Original Effective Date: February 25, 1986  
Revision Date(s): July 1, 1993; April 18,  
2005; April 1, 2006; November 2, 2006;  
February 1, 2007; June 26, 2013;  
February 20, 2014; September 15, 2016  
Current Effective Date: February 20, 2014

#### **Institutional**

Original Effective Date: February 1, 2007  
Revision Date(s): February 1, 2007;  
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State and Federal mandates and health plan member contract language, including specific provisions/exclusions, take precedence over Medical Policy and must be considered first in determining eligibility for coverage. To verify a member's benefits, contact [Blue Cross and Blue Shield of Kansas Customer Service](#).

The BCBSKS Medical Policies contained herein are for informational purposes and apply only to members who have health insurance through BCBSKS or who are covered by a self-insured group plan administered by BCBSKS. Medical Policy for FEP members is subject to FEP medical policy which may differ from BCBSKS Medical Policy.

The medical policies do not constitute medical advice or medical care. Treating health care providers are independent contractors and are neither employees nor agents of Blue Cross and Blue Shield of Kansas and are solely responsible for diagnosis, treatment and medical advice.

If your patient is covered under a different Blue Cross and Blue Shield plan, please refer to the Medical Policies of that plan.

#### **DESCRIPTION**

Electroencephalographic video monitoring is the simultaneous recording of the EEG and video monitoring of patient behavior. This allows for the correlation of ictal and interictal electrical events with demonstrated or recorded seizure symptomatology. This type of monitoring allows the patient's face or entire body to be displayed on a video screen.

**POLICY**

- I. EEG video monitoring is **medically necessary** for the following indications, where the diagnosis cannot be made by neurological examination, standard EEG studies, and ambulatory cassette EEG monitoring, and non-neurological causes of symptoms (e.g., syncope, cardiac arrhythmias) have been ruled out:
  - A. To differentiate epileptic events from psychogenic seizures; or
  - B. To establish the specific type of epilepsy in poorly characterized seizure types where such characterization is medically necessary to select the most appropriate therapeutic regimen
  - C. Upon individual case review, to establish the diagnosis of epilepsy in very young children
  - D. For identification and localization of a seizure focus in persons with intractable epilepsy who are being considered for surgery
  - E. Recurrent seizures when medicated with 2 or more anticonvulsants with therapeutic levels and no concurrent seizure-provoking medications.
  
- II. Once a diagnosis is determined, continued video EEG monitoring (e.g., for monitoring response to therapy or titrating medication dosages) is considered **not medically necessary**. Response to therapy can be assessed using standard EEG monitoring or ambulatory cassette EEG monitoring. The duration of ambulatory EEG monitoring that is considered medically necessary depends on the frequency of the person's symptoms that are being investigated, and generally can be completed in 3 to 5 days.
  
- III. EEG video monitoring is **experimental and investigational** for all other indications.

**CODING**

The following codes for treatment and procedures applicable to this policy are included below for informational purposes. Inclusion or exclusion of a procedure, diagnosis or device code(s) does not constitute or imply member coverage or provider reimbursement. Please refer to the member's contract benefits in effect at the time of service to determine coverage or non-coverage of these services as it applies to an individual member.

**CPT/HCPCS**

- |       |  |
|-------|--|
| 95819 | Electroencephalogram (EEG); including recording awake and asleep   |
| 95950 | Monitoring for identification and lateralization of cerebral seizure focus, electroencephalographic (eg, 8 channel EEG) recording and interpretation, each 24 hours  |
| 95951 | Monitoring for localization of cerebral seizure focus by cable or radio, 16 or more channel telemetry, combined electroencephalographic (EEG) and video recording and interpretation (eg, for presurgical localization), each 24 hours |
| 95956 | Monitoring for localization of cerebral seizure focus by cable or radio, 16 or more channel telemetry, electroencephalographic (EEG) recording and interpretation, each 24 hours, attended by a technologist or nurse                  |

ICD-9 Diagnoses

345.00	Generalized nonconvulsive epilepsy without mention of intractable epilepsy
345.01	Generalized nonconvulsive epilepsy with intractable epilepsy
345.10	Generalized convulsive epilepsy without mention of intractable epilepsy
345.11	Generalized convulsive epilepsy with intractable epilepsy
345.2	Petit mal status
345.40	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, without mention of intractable epilepsy
345.41	Localization-related (focal) (partial) epilepsy and epileptic syndromes with complex partial seizures, with intractable epilepsy
345.50	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, without mention of intractable epilepsy
345.51	Localization-related (focal) (partial) epilepsy and epileptic syndromes with simple partial seizures, with intractable epilepsy
345.60	Infantile spasms without mention of intractable epilepsy
345.61	Infantile spasms with intractable epilepsy
345.70	Epilepsia partialis continua without mention of intractable epilepsy
345.71	Epilepsia partialis continua with intractable epilepsy
345.80	Other forms of epilepsy and recurrent seizures, without mention of intractable epilepsy
345.81	Other forms of epilepsy and recurrent seizures, with intractable epilepsy
345.90	Unspecified epilepsy without mention of intractable epilepsy
345.91	Unspecified epilepsy with intractable epilepsy

ICD-10 Diagnoses (Effective October 1, 2015)

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
- G40.309 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
- 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
- G40.901 Epilepsy, unspecified, not intractable, with status epilepticus
- G40.909 Epilepsy, unspecified, not intractable, without status epilepticus
- G40.911 Epilepsy, unspecified, intractable, with status epilepticus
- G40.919 Epilepsy, unspecified, intractable, without status epilepticus
- G40.A01 Absence epileptic syndrome, not intractable, with status epilepticus
- G40.A09 Absence epileptic syndrome, not intractable, without status epilepticus
- G40.A11 Absence epileptic syndrome, intractable, with status epilepticus
- G40.A19 Absence epileptic syndrome, intractable, without status epilepticus
- G40.B01 Juvenile myoclonic epilepsy, not intractable, with status epilepticus
- G40.B09 Juvenile myoclonic epilepsy, not intractable, without status epilepticus
- G40.B11 Juvenile myoclonic epilepsy, intractable, with status epilepticus
- G40.B19 Juvenile myoclonic epilepsy, intractable, without status epilepticus

**REVISIONS**

06-26-2013	Policy reviewed.
	In Coding section: <ul style="list-style-type: none"> <li>▪ Added CPT codes: 95819 and 95956.</li> </ul>
02-20-2014	In Policy section: <ul style="list-style-type: none"> <li>▪ Added Item E, "Recurrent seizures when medicated with 2 or more anticonvulsants with therapeutic levels and no concurrent seizure-provoking medications."</li> </ul>
	In Coding section: <ul style="list-style-type: none"> <li>▪ Added ICD-10 Diagnosis (<i>Effective October 1, 2014</i>)</li> </ul>
09-15-2016	Policy Reviewed with no changes made.

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### Other References

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