



Clinical Medical Policy Video EEG Monitoring

Benefit Coverage:

Covered benefit with conditional criteria that must be met.

Description:

Electroencephalogram (EEG) seizure monitoring refers to continuous 24-hour EEG monitoring for diagnosis of known or suspected seizures. Synchronized video recordings of the patient's behavior contribute to diagnosis.

Coverage Determination:

Prior authorization and review for medical necessity is required for inpatient video EEG monitoring. Outpatient video EEG monitoring will be recommended when criteria for inpatient video EEG monitoring are not met. No prior authorization is required for outpatient video EEG services.

Criteria:

A. Criteria for Approval of Inpatient Video EEG admissions

- Prior evaluation by a neurologist, inclusive of an EEG, with recommendation of inpatient monitoring by neurologist

Additionally, some if not all of following indications must be present:

- Therapeutic alterations in medications planned during admission
- Suspicion of possible pseudo-seizures or mixed epilepsy and pseudo-seizures
- Patient on medications, or with the plan to start medications or alter the dose
- Potential use of provocative maneuvers
- Episodes sufficiently frequent for a significant chance of capturing one during monitoring: daily or weekly vs. monthly
- Preoperative evaluation for surgical treatment of refractory epilepsy

B. Outpatient Video EEG Monitoring Indications

- High clinical suspicion of seizures, low suspicion of pseudoseizures, with negative EEG
- Patients with non-specific symptoms that have little or no motor component
- Patient with infrequent spells, so less likely to capture during finite admission

Covered Procedures:

CMP Number: CMP-017.00

CMP Cross Reference:

References:

MD Consult: Epilepsy, Disease-A-Month 2003

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[eMedicine Specialties](#) > [Neurology](#) > [Electroencephalography And Evoked Potentials](#).
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Journal Neurology: "Frequency of epilepsy in patients with psychogenic seizures monitored by video EEG"
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