

Coverage and Medical Indications of Video EEG

Adjudication Guideline

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Billing

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1. Abstract

1.1 For Members

Video EEG (electroencephalograph) is a non-invasive test that records the brains' electrical activity in the form of waves with different frequency and amplitude.

The purpose of the test is to determine if there is an abnormal electrical discharge that may be attributed to seizures

is to be able to see what happens when you have a seizure or an event that is suspected to be a seizure. The video is compared to what the EEG records at the same time. Sounds that occur during the testing are also recorded to pick up if a person talks or makes sounds during an event.

Electroencephalography (EEG) is one of the most important diagnostic tests in evaluating a patient with possible epilepsy, providing evidence that helps confirm or refute the diagnosis

By doing this, doctors reading the EEG can tell if the event is related to abnormal electrical activity in the brain. If so, then doctors would call this a seizure related to epilepsy.

1.2 For Medical Professionals

Video-electroencephalographic (EEG) monitoring is an important neurodiagnostic technique that is used to record the electrical brain activity and behavioural activity such as involuntary episodes of movements /consciousness.

Since routine interictal EEG may not capture infrequent or intermittent events due to the limited recording time Prolonged EEG monitoring can increase the yield of interictal epileptiform discharge (IED) detection compared with a routine EEG and can be performed outside the hospital setting.

During testing, seizures may be provoked by the following methods:

- Hyperventilation
- Photoc stimulation
- Sleep deprivation
- Withdrawal of drug
- Exercise or other less common triggers may provoke seizures

2. Scope

The scope of this adjudication rule highlights the coverage of Video EEG for health insurance plans administered by Daman subject to policy terms and conditions.

3. Adjudication Policy

3.1 Eligibility / Coverage Criteria

The eligibility criteria for Video EEG monitoring in adults:

- Patient has signs and symptoms and alternative evaluation including ambulatory EEG is inconclusive or it cannot be used because:
 - Withdrawal of drug seems unsafe as out-patient
 - Seizures/similar events occur infrequently (i.e. fewer than 3 times per week)
 - Intractable recurrent seizures persist
- Localization of seizures for patient being considered for epilepsy surgery.
- Need to determine diagnosis, nature, frequency of seizures in patients with poor ability to communicate:
 - Indistinct seizure event
 - Tampered ability to communicate
 - Encephalopathy (altered mental status)

The eligibility criteria Video EEG monitoring in children:

- All of the above, in addition to traumatic brain injury with subclinical post-traumatic seizures.

Once the cause of seizures and specific type of epilepsy has been established, continued video EEG monitoring is not medically necessary. In such cases, response to therapy can be assessed using standard EEG monitoring or ambulatory EEG monitoring.

3.2 Requirements for Coverage

- ICD and CPT codes must be coded to the highest level of specificity.
- Failure to submit, upon request or when requesting a clinical history, indication, the need for testing will result in rejection of claim.

3.3 Non-Coverage

Daman does not cover Video EEG for Visitor plan.

3.4 Payment and Coding Rules

Please apply Regulator payment rules and regulations and relevant coding manuals for ICD, CPT.

4. Denial Codes

Code	Code Description
MNEC-003	Service is not clinically indicated based on good clinical practice
MNEC-004	Service is not clinically indicated based on good clinical practice, without additional supporting diagnoses/activities
MNEC-005	Service /supply may be appropriate, but too frequent
NCOV-003	Service(s) is (are) not covered
PRC-002	Payment is included in allowance for another service

5. Appendices

5.1 References

<https://www.uptodate.com/contents/video-and-ambulatory-eeg-monitoring-in-the-diagnosis-of-seizures-and-epilepsy>
<https://www.epilepsy.com/diagnosis/eeg/video-eeg>
<https://www.sciencedirect.com/science/article/abs/pii/B9780444640321000114>
<https://pubmed.ncbi.nlm.nih.gov/31277846/>
<https://www.nice.org.uk/guidance/ng217>

5.2 Revision History

Date	Change(s)
29/12/2017	V1.0 Creation of Adjudication Guideline-External Instruction Template.
29/12/2024	V2.0 New Template General content update References updated
18/11/2025	V3.0 General content review, references update

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