

Neurophysiology

Video telemetry information sheet

What is a video telemetry (VT)?

Video telemetry (VT) is the simultaneous recording of EEG and video. The test involves the prolonged recording of the tiny electrical signals produced by the brain throughout the day and night. A camera records what you are doing at the same time. The brain activity and video are recorded simultaneously. The recording is just like that which occurs in the outpatient department. The recording is usually made over a few days instead of the standard 20 minutes in the department.

Why have I been referred for this test?

The main reason for this test is to record one of your fits or episodes. The VT will provide the doctors with detailed information about your seizure for instance, the seizure length, how your seizure progresses, and what it looks like.

The EEG will provide information how the seizure activity appears in the brain. This will aid your doctor in classifying both your seizure type(s) and epilepsy. It will assist them in refining your future treatment and care plan.

You must be having at least 2 fits or episodes a week or in clusters to have this test done.

How is it done?

You will be admitted to the Neurosciences ward, W42, and stay in a dedicated VT room. The room has its own en-suite toilet and wash area.



Patient Information

You will attend the Neurophysiology department and the recording disks will be applied and held in place using special glue. You will then return to the VT room on the ward and will be connected to a VT recorder.

The EEG activity will be continuously recorded, and time locked with the video images obtained from the camera in the room. You will be asked to press a button at the time of a seizure/event that marks the record.

The recording normally takes place over at least a minimum of 2 nights.

Is there anything special I should do?

- **Please check your hair for head lice and treat it before you attend if it is found. The test will not be done if head lice are present.**
- You should keep taking your medication as usual, unless told otherwise by your referring consultant. Please bring your medication with you.
- You must remain in view of the video camera throughout your stay in the room. The event marker **must** be pressed when you have a fit or episode.
- It is advisable to wear open collared or wide necked, loose fitting front buttoned shirts, blouses, or tops. This will make dressing and undressing easier.
- Please look after the recorder as it is a delicate and expensive piece of equipment. Damages may be charged for.

Is there anything I cannot do?

- you cannot get the recording disks wet
- you will not be able to have a bath or shower
- you cannot brush or comb your hair - if you have long hair you may wish to loosely plait it before visiting the department as this helps to keep your hair tidy and reduce tangles
- you will not be able to constantly eat toffees or chew chewing gum
- you will not be able to leave the video telemetry room
- you will not be able to smoke during your stay in the hospital
- please do not put any cream or oil on your scalp or in your hair

Patient Information

Do I need to bring anything with me?

It is advisable to wear open collared or wide necked, loose fitting front buttoned shirts, blouses, loose or buttoned t-shirt and wide necked pyjama tops. This will make dressing and undressing easier for you.

Please bring plenty of reading material, iPad, tablet, games, puzzles, MP3 player, or portable DVD to entertain you, as you will need to remain in the room throughout the recording. Limited phone, radio and TV are available on equipment located in the room.

'Pay to view' facilities provided by an outside company are available to purchase direct from the set in the room but need to be paid at point of use. Further information is available on the ward as deals and bundles are updated regularly.

You will need to bring your own toiletries and towels with you.

Please bring your medication with you and a list of any medication you are taking for the Neurophysiology Department.

Are there any aftereffects?

You will not feel anything during or after the recording. The machine records your normal natural brain activity. It will not make or cause you to have a fit.

After the recorder has been removed, great care will be taken to remove as much of the glue as possible, however you may find small pieces of glue in your hair once you have had a shower or bath and washed your hair. You can remove this by using nail polish remover but not excessively.

How will I get my results?

You will not get any results at the end of your visit. There is a very large amount of data that will need to be reviewed in detail.

A written report will be sent to your referring consultant. They will give you your results at a follow up appointment.

Patient Information

The Trust has access to interpreting and translation services. If you need this Information in another language or format, please contact the Booking Centre on 0800 252 060 and they will do their best to meet your needs.

The Trust operates a smoke free policy.

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