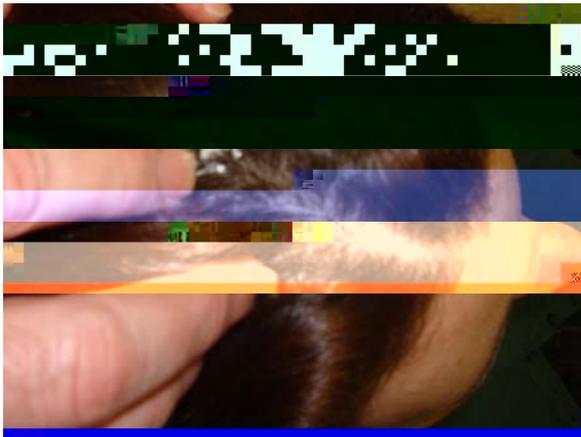


Department of Clinical Neurophysiology
The National Hospital for Neurology and Neurosurgery
with the general procedure of

Throughout the investigation you will be seated in an armchair or lay in a bed. Using a sticky, water-soluble paste the clinical physiologist will place 22 small disposable discs onto your head. Because the discs are only used once they cannot transmit any diseases. To improve the contact the skin will be rubbed with some gritty paste beforehand. This preparation takes about 15 minutes

Please inform the clinical physiologist, if you have any allergies to latex or plaster tape before the procedure.

Once the discs are in place the brain activity will be recorded for approximately 45 to 60 minutes. During this time we will also obtain a video recording of yourself and we will ask you to give us your written consent for this. Throughout the test the clinical physiologist will give you simple instructions, such as opening and closing your eyes and it is likely that you will sleep during the EEG.



DEEP BREATHING (HYPERVENTILATION)

This is usually performed during an EEG, as it can produce changes in brain wave activity that help in the diagnosis. Deep breathing is not done:

if there is a history of heart or chest disease

in patients with epilepsy who have not had a seizure for more than 12 months.