



Electroencephalography (EEG) 腦波檢查(英文)

Purpose

1. Diagnosis of Brain Disorders : Electroencephalography (EEG) could be used as a screening tool for brain disorders in order to make sure whether there is brain lesion or where lesion is located. With EEG, we can evaluate the function of cerebral cortex.
2. Diagnosis of Epilepsy or Seizure Disorder : EEG is a necessary and important diagnostic basis for epilepsy or seizure disorder.
3. Others : EEG could be used to assist the diagnosis of metabolic encephalopathy, brain injury, and dysfunction of cerebral circulation, encephalitis, and tranquilizer intoxication.

Preparation before EEG Examination

1. Thoroughly wash and clean your hair the day before EEG examination. Hair glue or grease is forbidden.
2. No fasting is needed before EEG examination.
3. If you will receive " sleep EEG " examination, try to reduced your sleep time the night before exam. Such as: sleep after midnight, so you may fall asleep easily during the examination.

The Examination Process

1. You will be arranged to lie in a gentle-illuminated quiet room.
2. Technicians will use electrode paste to stabilize the recording leads on your head.
3. Try to stay in a rested and relaxed condition.
4. During the examination, you will be asked to lie down quietly. Photic stimulation will be given and a series of deep breath will be demanded, so technicians can record abnormal brain discharges.

5. It takes about 30 minutes for routine awake EEG. For " sleep EEG " , It could take around 1 ~ 1.5 hours, depending on how long it is for you to fall asleep.

Notes after EEG Examination

1. You could perform your normal daily activities and routines immediately after EEG examination.
2. Rinse electrode paste with clean water.

若有任何疑問，請不吝與我們聯絡
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