

腦電圖

簡介

腦電圖是一個紀錄腦部電活動的腦部檢查。用作幫助判斷腦部病症如腦癇症，腦炎症，頭內佔位性病變如瘤腫等。人體腦細胞內存在的電活動，可通過在放置於頭皮表面上的電極，將腦部電活動接收及紀錄。

腦細胞發出電量極之微少，以微伏(μV)特作量度單位。這些由電極接收到的電活動，經由導聯線傳送到腦電圖機，經擴大後再編寫成腦電圖紀錄。

腦電圖檢查在瑪麗醫院E座七樓。

檢驗前須知

- ◆ 檢驗前一日洗頭，切勿塗理髮製品
- ◆ 如三歲以下小孩，請帶備奶、開水、果汁或玩具在檢驗時滿足小孩的需要
- ◆ 儘可能在檢驗前四小時內避免讓小孩入睡

過程

病者祇需遵照護理人員指示，安坐椅上，張開或閉上眼睛，全部過程一小時內可完成

護理和建議

- ◆ 如病人進行睡眠腦電圖檢查，檢查後，病人需完全甦醒才可獨自回家或由親友陪同回家
- ◆ 覆診時可獲知檢查報告


如有任何查詢，請聯絡你的主診醫生

以上資料由瑪麗醫院內科部提供。



瑪麗醫院
Queen Mary Hospital

腦電圖 ELECTRO- ENCEPHALOGRAPHY

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ELECTRO-ENCEPHALOGRAPHY (EEG)

Introduction

Electro-encephalography (EEG) is a test to record the activities of the nerve cells of the brain. The nerve cells can emit electrical activity that can be picked up by an EEG machine and transformed into graphs for recording. EEG is used to find out certain disorders affecting the brain such as epilepsy, infections, tumours or other masses and metabolic disturbances. EEG is conducted at Block E, 7 Floor, Queen Mary Hospital.

Preparation

- ◆ Please wash your hair the day before going to hospital. No hair cream, gel or tonic should be applied after shampoo.

- ◆ For children under 3 years old:
 - Sleep is to be discouraged 4 hours prior to the test to facilitate a possible spontaneous sleep recording
 - Parent or guardian please bring along a bottle of milk, water, fruit juice or toys to entertain the baby during the examination.

Procedure

Patient undergoing EEG is required to be seated calmly on a chair. The patient has to follow the staff's instruction of closing and opening his/her eyes.

Care & Advice

- ◆ For "Sleep EEG" the patient should not go home alone until he/she is fully awake

- ◆ The result of the test will be available at your follow up appointment. EEG is a very safe test

Should you have any queries, please consult your doctor-in-charge

Information provided by Department of Medicine, Queen Mary Hospital.