

## 论著

### 长程视频脑电图及颅内电极脑电图监测在颞叶癫痫手术中的作用

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摘要:

目的:探讨长程视频脑电图监测及颅内电极脑电图监测在颞叶癫痫手术中的作用。方法:比较44例颞叶癫痫手术患者术前长程视频脑电图和术中颅内电极脑电图的情况。结果:术后经1~5年的随访,36例(81.8%)患者无癫痫发作(Engel-I级),6例(13.6%)患者临床发作明显减少(Engel-II级),2例(4.5%)患者仍有癫痫发作(Engel-III级),但程度减轻,发作时间缩短。40例(90.9%)患者的神经心理功能均有不同程度改善。结论:长程视频脑电图监测及术中颅内电极脑电图监测定位准确,对手术切除颞叶癫痫病灶具有指导意义。

关键词: 颞叶癫痫 视频脑电图 颅内电极脑电图

### Long-term VEEG monitoring and intracranial electrode EEG monitoring in the surgical treatment of temporal lobe epilepsy

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Abstract:

Objective: To explore the effect of long-term video-electroencephalography (VEEG) monitoring and intracranial electrode EEG monitoring in the surgical treatment of temporal lobe epilepsy.

Methods: We compared the preoperative long-term VEEG and intraoperative intracranial electrode EEG in 44 patients undergoing surgical treatment of temporal lobe epilepsy.

Results: The 44 patients were followed up for 1 to 5 years. The clinical attack was controlled completely in 36 patients (81.8%), the time of clinical attack was decreased significantly in 6 patients (13.6%), 2 patients (4.5%) still had epileptic seizure, but the degree was relieved and the seizure time shortened. The nerve psychological function was improved to different extent in 40 patients (90.9%).

Conclusion: Preoperative long-term VEEG and intraoperative intracranial electrode EEG are accurate in the localization of the focus, which is important in the surgical treatment of temporal lobe epilepsy.

Keywords: temporal lobe epilepsy long-term VEEG intracranial electrode EEG

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