

CASE REPORT

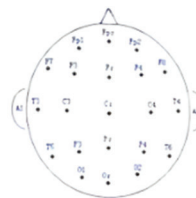
Transforming lives in autism spectrum disorder treatment through acupuncture: A case report

Supplementary File

重庆龙都儿童医院

常规脑电图（地形图/功率谱）检查报告

脑电图号:01346
 姓名: [REDACTED]
 年龄: 6岁9月
 性别: 女
 状态: 清醒
 左右利: 右
 门诊号:
 住院号:
 病床号:
 科室: 儿科(一)
 临床诊断: 全面发育迟缓



诊断报告:

背景活动: 清醒时各导示以低-中波幅 8-9Hz α 活动及节律为主背景, 调频、调幅差, 间有稍多低-中波幅 6-7Hz θ 波, 夹杂低波幅 15-21Hz β 活动, 左右大致对称。

诱发试验: (1) 视反应: 睁眼时 α 抑制欠佳。
 (2) HV: 慢波稍增多。

脑电地形图/功率谱: θ 频段能量稍增高。

结论: 界线性脑电图。

(清醒期, θ 波稍增多, 枕区优势节律欠佳。)

医生: [REDACTED]
 报告日期: 2023.09.26
 检查日期: 2023.09.26

(妥善保存, 复诊时请主动出示, 以便对照, 遗失不补)
 (脑电图仅反映被检者当时情况。)

Figure S1. The electroencephalogram (EEG) report of the 6-year, 9-month-old right-handed female patient, who was diagnosed with general developmental delay. In the awake state, the EEG predominantly shows low-to-mid amplitude at 8 – 9 Hz, along with occasional slightly increased low-to-mid amplitude theta waves at 6 – 7 Hz and interspersed low-amplitude beta activities at 15 – 21 Hz. The left and right hemispheres are approximately symmetrical. The evoked test shows inadequate suppression of alpha waves on eye-opening and a slight increase in slow waves during hyperventilation. The EEG topographic map/power spectrum indicates increased energy in the delta frequency domain. The conclusion is a borderline EEG with increased theta waves and an inadequate dominant rhythm in the occipital region

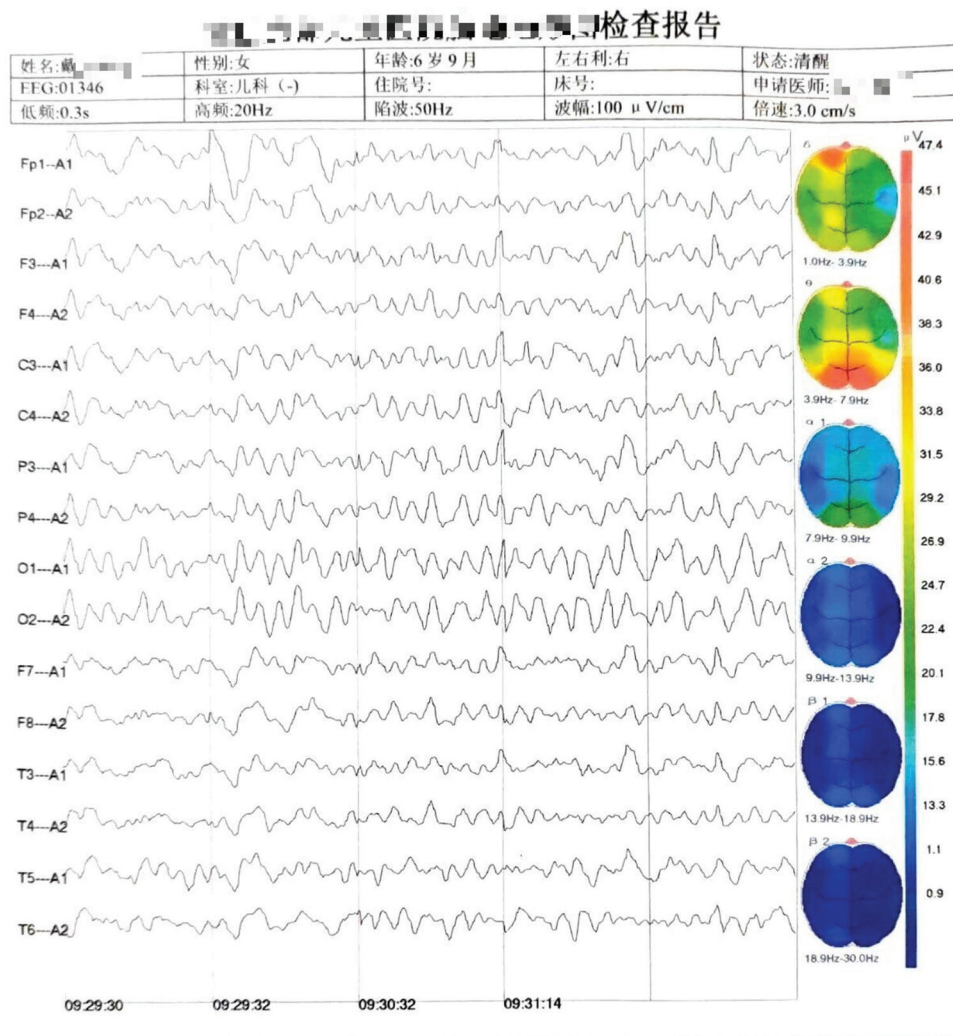


Figure S2. The electroencephalogram (EEG) topographic map report of the 6-year, 9-month-old right-handed female patient. The EEG was performed while the patient was awake. The report includes various frequency measurements and wave amplitudes recorded from different brain regions. The EEG reveals low-to-mid amplitude activities, with specific observations on the left and right hemispheres and the frequency domain energy



Figure S3. The electroencephalogram (EEG) monitoring report of the 6-year, 9-month-old right-handed female patient. The EEG was conducted while the patient was awake. The report provides detailed frequency and amplitude measurements across various brain regions, including the frontal, central, parietal, occipital, and temporal lobes

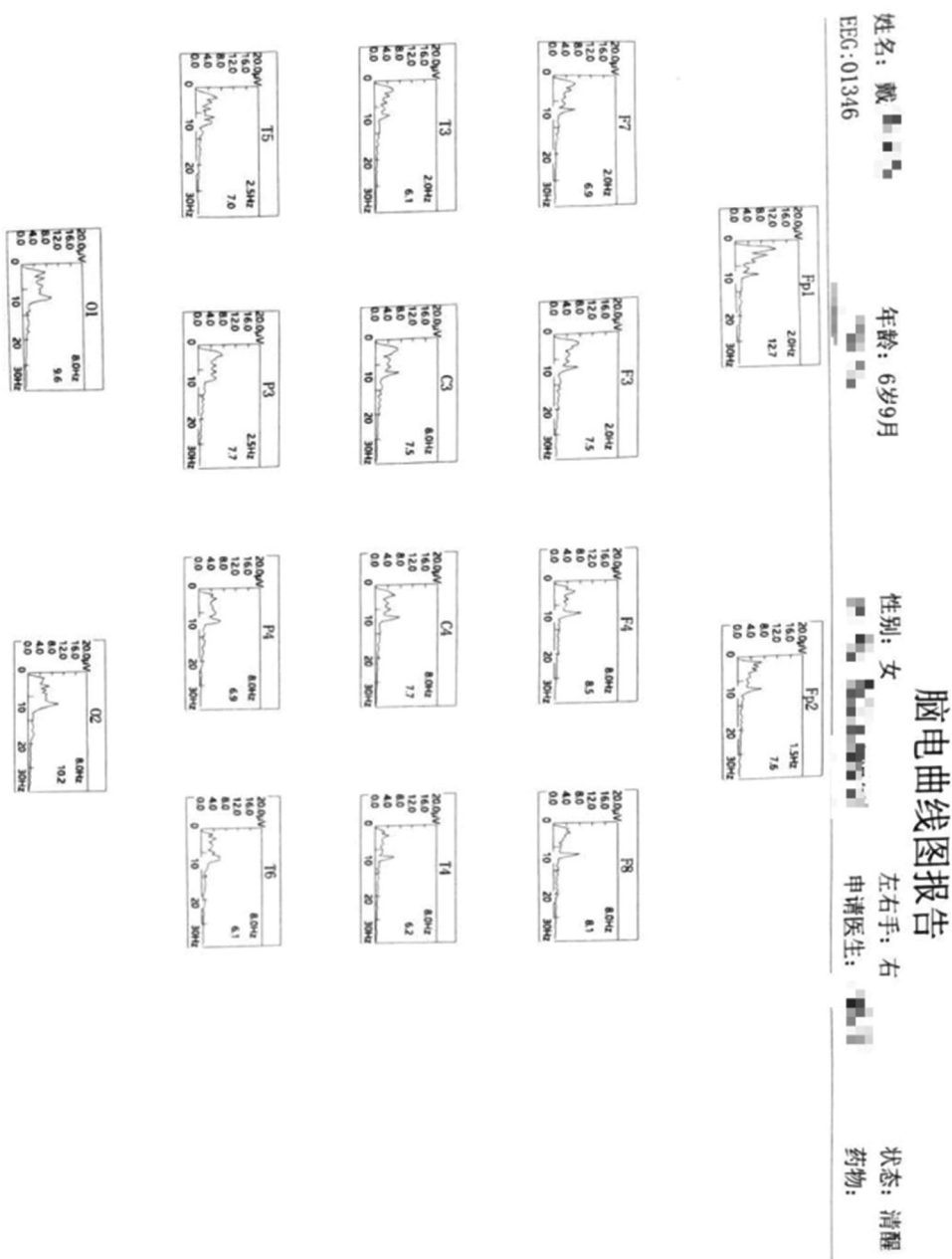


Figure S4. The electroencephalogram (EEG) waveform report for the 6-year, 9-month-old right-handed female patient. The EEG was recorded while the patient was awake, with a clinical diagnosis of general developmental delay noted. The monitoring session was conducted with no medications listed. The report captures the brain’s electrical activity across various regions, providing insights into the patient’s neurological status