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### 癫痫患儿奥卡西平活性代谢产物血药浓度监测结果回顾分析

Retrospective Analysis on Results of Serum Oxcarbazepine Active Metabolite Concentration Monitoring on Children with Epilepsy

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中文关键词: [癫痫](#) [儿童](#) [奥卡西平](#) [10-羟基卡马西平](#) [治疗药物监测](#)

英文关键词: [epilepsy](#) [children](#) [oxcarbazepine](#) [10-hydroxycarbazepine](#) [therapeutic drug monitoring](#)

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中文摘要:

目的 探讨癫痫患儿奥卡西平活性代谢产物(10-羟基卡马西平)血药浓度与临床疗效、给药剂量、联合用药、性别、年龄和体质量的相关性。方法 回顾性查阅我院临床药理学室310例次癫痫患儿10-羟基卡马西平血药浓度监测记录,将浓度值、性别、年龄等资料录入数据库,利用SPSS 13.0软件进行分析处理。结果 癫痫患儿10-羟基卡马西平抗癫痫有效血药浓度范围较宽;其血药浓度值与给药剂量、患者性别、年龄和体质量相关。结论 奥卡西平在患儿体内的代谢过程存在一定的个体差异性,应根据每位患儿自身的具体情况并结合血药浓度监测结果来制订个体化给药方案。

英文摘要:

OBJECTIVE To investigate the correlations of oxcarbazepine active metabolite (10-hydroxycarbazepine, MHD) serum concentration in epileptic children with clinical therapeutic effect, dosage, drugs combination, sex, age and body weight. METHODS 310 monitoring records of serum MHD concentration in children with epilepsy were researched retrospectively and data as concentrations, sex, age etc were put into data base, which were analyzed and treated by SPSS (13.0) software. RESULTS A wide range of MHD serum concentrations was observed to be clinically effective in seizure treatment on children with epilepsy. And the serum MHD concentrations were closely correlated with dosages, gender, age, and body weight of patients. CONCLUSION The individual difference in the metabolic processes of oxcarbazepine within individual patient was obvious, so it's necessary to make individualized remedy according to patients' specific condition and monitoring result.

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