SELECTION OF ANTI-EPILEPTIC DRUGS IN THE INITIAL PHASE OF THE TREATMENT OF EPILEPSY

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The problem of choice of antiepileptic treatment is the ambiguity of the proposed options.

Therefore, in our clinic, we have developed a system EEG - control the selection of drugs. It is the following algorithm:

-Night video monitoring with the daily record and conducting trial before and after sleeping.

-The analysis conducted by the EEC and the choice of the segment that contains the abnormal patterns.

-Appointment of anti-epileptic drugs from a first-line choice in the order, as proposed in the protocols followed by the EEG - a test action of the preparation on the selected segment of EEG (usually – it is 3 drugs).

-The choice of the drug on the basis of a concrete manifestation of the effectiveness
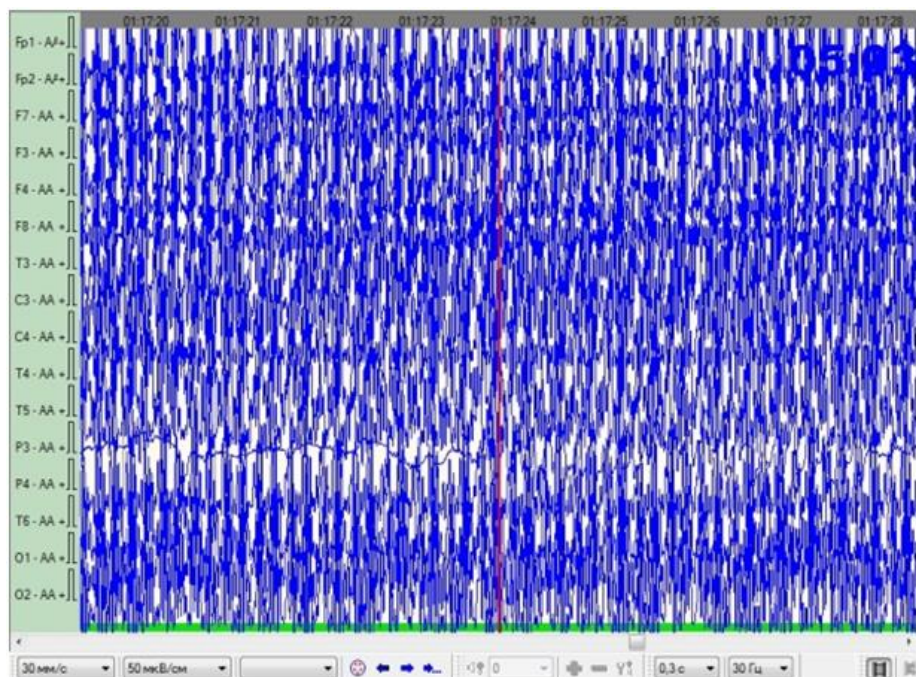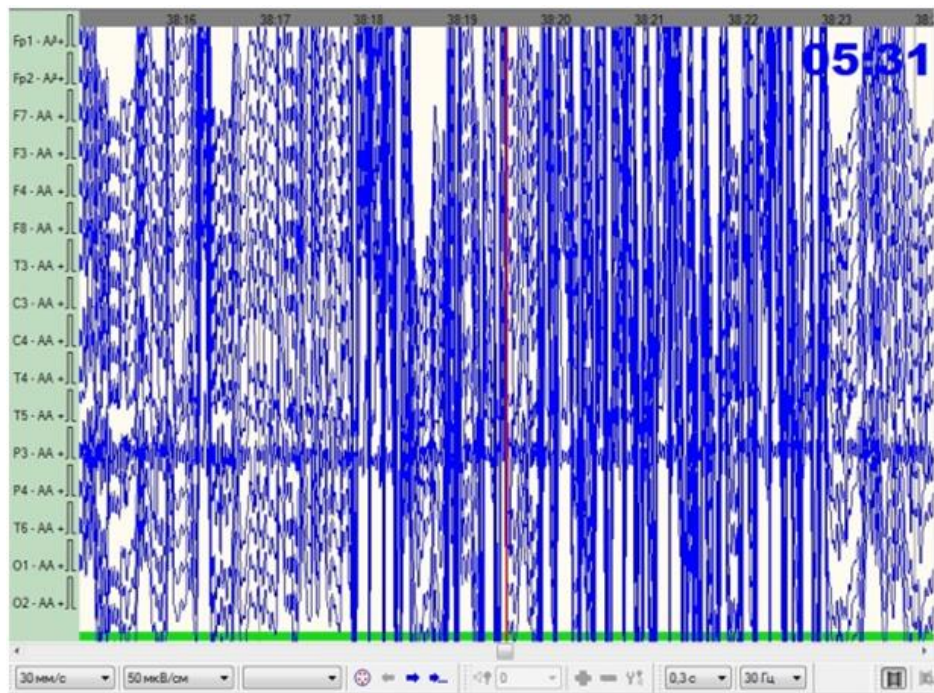
Clinical example

Patient Ch, Man/ 30 years old.
 - Epileptic seizures from he was 2 years old.
 - He was treated by carbamazepine, valproate.
 - Episodically recently become frequent bouts.
 - Constantly have a headache.

- At this time, no drugs does not accept. Seizures generalized tonic-clonic, 3 times a month.

- MRI without pathology.

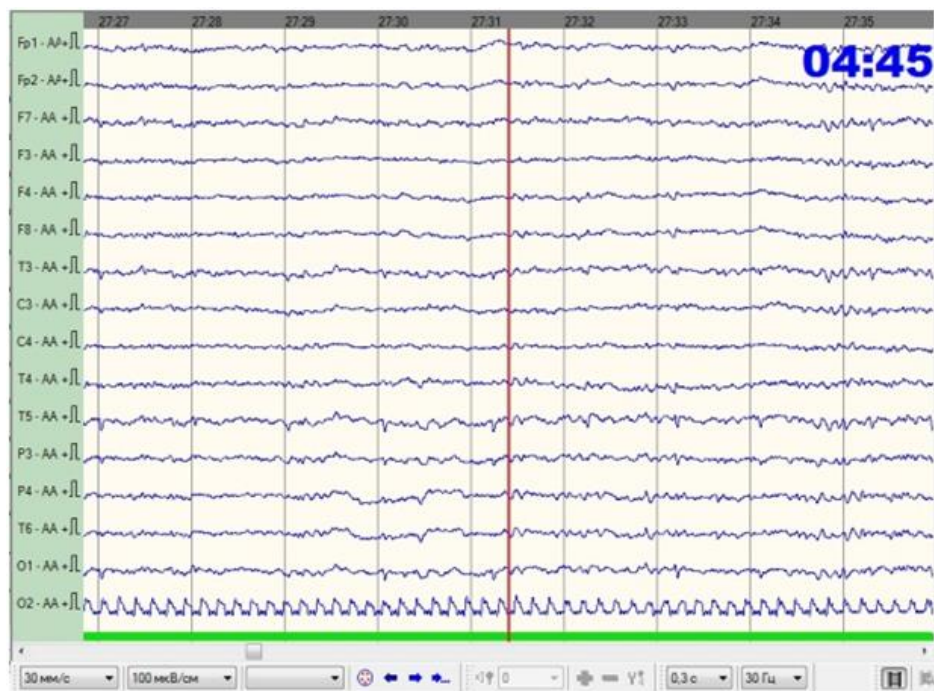 Could the patient be cured if he was treated consistently?

14.09.2015

22.09.2015 (levetiracetam)

29.09.2015 (lamotrigine 100)

The good effect of lamotrigine.

Conclusion: the selection of AEDs in the beginning stage of long-term treatment of epilepsy should be carried out with the help of EEG control.