

COST ACTION B27 "ELECTRIC NEURONAL OSCILLATIONS AND COGNITION (ENOC)"

WG2: Diagnostics and Treatment

MACEDONIA

Tatjana Zorcec, Pediatric Clinic, Dpt. of psychophysiology, University of Skopje, Faculty of Medicine

In the last 7 months we have:

- realized over 300 assessments and interventions at children with various developmental disorders;
- introduced qEEG in our practice;
- upgraded neurofeedback protocols;
- realized one STSM;
- had visits from 2 eminent experts in the field of qEEG and biofeedback;
- begin preparation of 2 PhD and 3 MSc theses;
- published several articles in scientific journals and proceedings;
- organized seminars on EEG and qEEG;
- started a study "EDR and ECG training in diabetic children".

Emilija Cvetkoska, Clinic for Neurology, Dpt. of clinical neurophysiology, Dpt. of epileptology, University of Skopje, Faculty of Medicine

During the past year, we have continued to investigate cognitive and behavior side-effects of different antiepileptic drugs (Lamotrigine, Carbamazepine, Topiramate) in patients with epilepsy. Some of our results were published (*Epilepsia- Official Journal of Macedonian League Against Epilepsy*, 15/16, 20-23, May, 2005) and presented on international meetings (VI Eilat Conference on Antiepileptic Drugs, Abstract Book, 17-25 September, Eilat, Israel). Educational seminars on EEG, quantitative EEG and pharmaco EEG were held in Skopje, January-April 2006.

For next year we are planning to do more neurophysiologic and neuropsychological investigations on cognitive and behavior functions in adolescents with idiopathic generalized epilepsies.