

**TRENDS IN ELECTRICAL BRAIN ACTIVITIES: ASYMMETRICAL TIMING
ELECTROENCEPHALOGRAPHIC ACTIVITIES BETWEEN LEFT AND RIGHT BRAIN, IN TWO
CASES REPORTS**

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A routine electroencephalogram in two right handed patients suffering respectively of migraine and lipothymia, without any family linkage, shows that the different functional electroencephalographic rhythms, especially frontal and temporal, but also the other regions are asymmetrical in terms of timing between analog regions.

The left cerebral ones are preceding the right ones, by about 200 msec. All possible technical mistakes had been excluded by new recordings. Video electroencephalogram, testifies to it. The EEG machines used in both case are different. This time of 200 msec in those two cases can witness about the global and non specific daily aspect of functional cognition superiority of the left hemisphere. It can be closely related to the inter corpus callosum time conduction, between left and right brain.

A SMART EEG computerizing program, frequency spectra analysis, could represent, a valuable perspective in cognitive research, in terms of more precision in hemispherical functional specialization of the hemisphere, added to other recent methods as functional MRI