

The method of neurorhythmocorrection comprises the electroencephalography with further signal processing by transforming the bioelectric potentials into electric current. Then the amplitude characteristics are derived with simulation of the phonogram with frequency-modulated signal corresponding to the individual pattern of the rhythmic brain activity and playback of the record with the verbal effects on the neurodynamic processes in central nervous system. In addition in the course of the signal processing the optimal exposure frequency is selected upon calculating the predominant frequency in the spectrum of electroencephalogram within alpha, theta and delta range. The indices in the bioelectric activity are then determined. On the basis of the data obtained the relative indices of the rhythmic brain activity are determined, the maximal dynamics of the power of the spectrum is calculated, and the phonogram is simulated by means of producing a record of the sinusoid acoustic characteristics of the bioelectrical activity of brain in accordance to the database of brain spectral characteristics onto the storage medium. The relative indices of the bioelectric activity are ascertained upon taking Fourier series transformation at the regions of electroencephalography record with further comparison to the data preceding the verbal effects. Finally, the emotional characteristics are activated with accompanying formation of the domain of interests through the individualization of the psychotherapeutic statements.