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Abstracts

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Na ovom kongresu prihvaćena su dva rada za oralnu prezentaciju čiji su kratki sadržaji na sledećim stranicama. Napominjemo da će biti u celosti prikazani u sajtu

Earth's magnetic field and cosmic radiation in CNS functioning: causes of mental disturbances and diseases

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Background: Measuring the magnetic and variable magnetic fields (M-VMF), that is, anomalous zones (Az's) in houses, we have met mentally ill people and found that the fields measured are very characteristic and envelop the diseased person's head. This has made us start studying the literature and continue these measurements.

Aims: To show that Az's are crucial in the process of mental disturbances and diseases' appearance, and to explain the physiology of the central nervous system (CNS) (waking and sleeping states and rapid eye movement (REM) phase), as well as the connection between CNS and electromagnetic field (EMF) and cosmic radiation (CR) and magnetic characteristics of molecules. This work also presents how and why brain currents occur because the CNS is a generator of electric energy in an organism, and how and why brain waves (electroencephalogram (EEG)) occur. Certain functions of the brain, such as memory, remembering–reproducing and the inherited instincts, are also explained. We have used measurements to confirm the correlation of the Az's and the location of the disease, that is, the patient's head. This work also explains how patients feel after moving away from Az's and studies the aetiologically confirmed facts and connect them with Az's, as the causes of diseases, to give the theoretical explanation of mental diseases and disturbances.

Methods: This research has been performed on 20 patients of both sexes and various ages, treated for mental disturbances and diseases. We used evaluation scales. The measurements were performed with a proton magnetometer and a compass. The total number of cases presented is 12. This study explains the physiologic function of the CNS that is not explained in the literature, as well as showing the correlation between Az's and the location of the disease. We moved the patients into the natural EMF and followed their health state. We investigated aetiological obscurities from the literature, which we correlated with practical measurements of Az's, that is, finding their accordance.

Results: We have explained why is the brain the largest generator of electric current in an organism, the operation of brain as a 'brain condensator', the occurrence of brain waves during EEG measurements, why voltage and variable frequencies are registered on EEGs, how and why do waking and sleeping states occur, as well as why does the REM sleeping phase occur and how does the brain memorise and reproduce inherited instincts.