

Structured Water – Myth or reality?

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Abstract

In recent years, much attention has been paid to the study of the structural properties of water and the possibility of information transfer through water. A view has emerged that the experimentally observed phenomena are caused by the processes of cluster and clathrate formation, mainly on impurity atoms. In order to introduce these concepts into the context of modern scientific thinking, a set of provable and reproducible experimental facts is required. The complexity of water as an object of study, the dependence of its properties on a large number of factors, leads to the need for the parallel use of several independent techniques, as well as the need to develop and implement new informative methods for the study of water properties.

An overview is given of the application of the Gas Discharge Visualization (GDV) method based on the registration and computer processing of the stimulated luminescence of water in a high intensity electromagnetic field. It is shown that the GDV method allows to reveal the structural features of the liquid and to carry out their complex quantitative analysis. A separate issue is the influence of a structured water on a person's psycho-physiological state. An example of placebo-controlled randomized studies of the effects of structured water over a long period of time is given. The results leave no doubt about the positive effect of structured water on the complex of physiological parameters of a large group of people.

Keywords

Gas Discharge Visualization method, GDV, liquids, water, structural properties.