

Near field biological influence of Au-Si colloid imprinted information

Jerman^{1,2} I., Gračner Jadrešič¹ M., Jan¹ L.

¹Institute Bion, Stegne 21, SI-1000 Ljubljana, Slovenia,
²Sisol plus, Vodovodna 100, SI-1000, Ljubljana, Slovenia

Introduction

Background

Two years ago we presented statistically highly significant biological effects of stimulative chemical imprints (electronically transferred from caffeine and coenzyme Q) stored in sea salt on humans, measured by GSR. The tested persons were exposed to the stored information only indirectly. Last year an extended and modified series of experiments was presented, namely the direct effect of similar (i.e.. stimulative) information electronically transferred to diluted gold-silica (Au-Si) colloids was tested by a double-blind research involving GDV camera. The results here were also very encouraging.

Problem and the working hypothesis

According to the theory of multilevel coherent domains the coherent field can be extended into the surrounding area. An electronically transferred molecular vibration can therefore influence the body also from some distance, as it was researched by experiments presented in 2010. The question arises if we can influence the body exposed to a relatively strong WiFi irradiation by a distant molecular vibration imprint.

According to the GDV measuring system we would expect the drop in the entropy parameter and a difference in the area parameter from the control.



Experimental procedure (during the experiment both WiFi antenna and salt tray were hidden, in order to accomplish double blind test)

Hypothesis: The molecular vibration of a substance with relaxing biological effect working from some distance will counteract the influence of a simultaneous relatively strong WiFi (microwave, 2.4 GHz) irradiation of the human body.



(above) Capturing of GDV images by GDV camera;
 (right) The electronic transfer device



Materials and methods

Experimental design and procedure

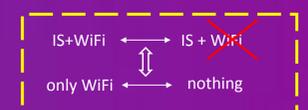
During the experiment each person rested on a wooden bed, under which the salt (either informed or ordinary) was centrally placed. WiFi antenna was put under the bed within the area of the person's head.

There were two experiments: 1) exposure to informed salt and WiFi during rest (control ordinary salt (OS) instead of the informed one) and 2) repetition of the experiment 1 with the control involving no salt. Each part (informed salt and control) was performed on 10 volunteers. The research was set as a double blind test. In each part of the experiment, each person was measured by the GDV camera (all 10 fingers) first just before 30 minutes long rest. Afterwards the second measurement was performed. Then the person rested for 20 minutes on the chair and then he/she was measured again. Each person was tested twice (2 consecutive days at the same hour), once for the informed salt and next for the control. The day for the control testing was randomly determined for every person. In the exp. every person was therefore measured 6 times with GDV camera.

1st. exp. design



2st. exp. design



Material

The informed salt contained 1 kg of sea crystals harvested in Slovenia salt pans with the admixture of 50 ml well-mixed Au-Si colloids with imprinted molecular information from valerian and GABA. The age of the used colloids was 2 months (after the imprinting). In one of the exps. ordinary sea salt for cooking (also 1 kg) with no added Au-Si colloids was used for the control in another exp. no salt or colloids were used for the control. As the source of microwaves WiFi antenna was used working at 2,4 GHz Wireless - G Broadband Router.

The imprinting method

To perform a desired information transfer of the donor substance into water we used a very weak source of microwaves and higher EM frequencies (argon glowing bulb). The waves pass via the waveguide through the chemical source (donor substance of molecular information), while the imprinting of the information takes place in spring water (rich in iron) within the resonant cave of the imprinting device.

Analysis of the results

Pair t-tests between WiFi exposed and unexposed with all groups (4 comparisons for 5 min. after the rest and 4 comparisons for 25 minutes after the rest) for the parameters entropy and area and for the organs pituitary, hypothalamus and epiphysis.

For various subparameters of these parameters we took into consideration all results with $p < 0,2$ and calculated their natural logarithm. If the effect was negative (the drop) we calculated $\ln(-p)$ if it was positive (stimulative) we calculated $\ln(1/p)$. Then we summed all these logarithms for a certain parameter. If the sum was higher than 7 or lower than -7 we take it as significant (expected number should be around 0). This sums will be called direct results.

The testing plot

Testing device: GDV camera Pro;

Examined (GDV) parameter: entropy, area (energy);

Original substance (donor): valerian, GABA;

Electronic transfer device: Elibratech no.5 (Institute Bion);

Target of detection: central head organs – epiphysis, pituitary gland, hypothalamus;

Substance of molecular information storage: Au-Si colloid informed crystallized salt (IS);

Exposure: WiFi antenna some 40 cm below the head;

No. of experiments: 2: 1) IS (IS1) plus ordinary salt for control
 2) IS (IS2) plus no salt for control;

Test type: double blind test;

Groups: 4 with WiFi irradiation: “informed salt 1” (IS1), “informed salt 2” (IS2), “ordinary salt”, “no salt” and 4 equal with no irradiation.

Results

Direct results demonstrate only a high variability between two sets of experiments, namely the first exp. shows a relatively high drop in entropy only for the informed salt in the second exp., not for the first one (see first column in Table 1). After 25 minutes the effect is a little diminished, but it is even more pronounced with ordinary salt (see the second column, same Table). As to the area parameter just after the WiFi irradiating the areas are relatively high for both informed salts (third column), but the same parameter is also high for the ordinary salt. After 25 minutes there is a significant drop in the area parameter for the informed salt in the first exp., but so it is also for no salt at all.

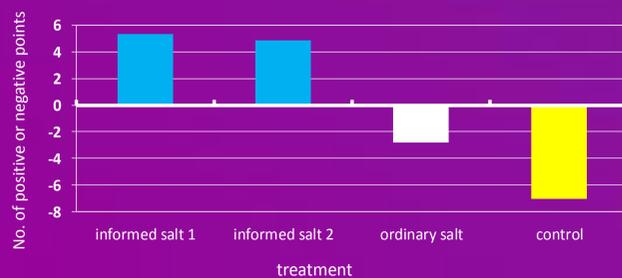
Table 1 – Direct results

Significant results are below or above 7 points. Positive numbers mean an increase in the parameter (e.g. increased entropy), the negative one a drop.

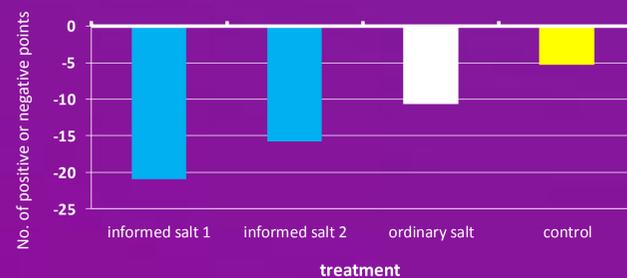
	Entropy		Area (energy)	
	5 min.	25 min.	5 min.	25 min.
Informed salt 1	-1,95	3,42	7,58	-13,36
Informed salt 2	-12,81	-7,94	11,14	-4,62
Ordinary salt	-1,90	-8,91	9,27	3,95
No salt	-0,38	-3,19	-0,46	-11,07

The indirect results = [direct result after 25 minutes] – [direct result after 5 minutes]

The indirect results are much more convincing – here we see that informed salt shows consistent increase in entropy parameter with both exps., and the drop in the area parameter. With both parameters ordinary salt shows the effects much closer to the control (see Graphs below).



Short term shift of GDV entropy parameter for central head organs with different treatment involving WiFi exposure of humans.



Short term shift of GDV area (energy) parameter for central head organs with different treatment involving WiFi exposure of humans.

Discussion and conclusions

Direct effect

The results do not demonstrate some very straightforward effects of relaxing imprints, since significant results appear either in only one exp. or in both exps., but also with non-informed salt or no salt as well. However it is interesting that the control exp. yielded only one significant result out of 4 – there we would expect some definite effects of close WiFi irradiation, therefore more significant results (wi-fi : no irradiation).

So even if there are no clear direct results we could assume that either informed salt or non-informed have some effect (lowering entropy, increasing area (energy) on the body exposed to WiFi irradiation, while the exposure only to irradiation (with no salt) brings almost no effect – as if it were harmless?

Indirect (time) effect

Here the results are much clearer, following some logical scheme. We see that with the informed salt and 25 min. after the irradiation we get increased entropy and diminished area with both informed salt tests, with ordinary salt the result lies in between these two and the control one. From this we may assume that the effect of the informed salt developed relatively clearly after 25 minutes and that it is very different from the control (no-salt), ordinary salt effects being somewhere in between.

This finding is somewhat surprising and demands further experiments. It points to the possibility that at least some biological effects of informed substances can have much more complex dynamics than considered to date.

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