

Efficacy pilot study in double blind vs placebo of the 5GBioShield USB key

The scope of this study is to evaluate the potential efficacy of the 5GBioShield USB key distributed by Bioshield Distribution Ltd London by biological (= indirect) measurement methods.

The two types of analysis used to assess the effectiveness of the 5Gbioshield USB key are as follows:

- 1) Analysis of living blood on dark field microscopy (<https://www.cpsinfo.ch/index.php/examen-du-sang-vivant-avec-le-microscope-a-fond-noir>)
- 2) Measurement of Heart Rate Variability (= HRV) and derivatives with Dynamika 72 device, based on solid background research (see for example www.heartmath.com)

The protocol had been set-up as follows:

Phase 1:

- 1) Analysis based on heart rate variability with Dynamika 72 (approx. 5 min).
- 2) Blood test taken from the ear when the patient arrives => examination and live pictures
- 3) Right after: phone call* near to the ear for ¼ hour WITHOUT the Bioshield USB key

Phase 2:

- 4) New patient measurement of blood (from the ear) => examination and live pictures
- 5) Analysis based on heart rate variability with Dynamika 72 (approx. 5 min).

Phase 3:

- 6) Telephone call* for ¼ hour AFTER permanent exposure to the Bioshield USB key for 45 minutes and keeping it.
- 7) New sampling and comparisons with the two previous samples => examination and live pictures
- 8) Analysis based on heart rate variability with Dynamika 72 (approx. 5 min).

* The brand of the mobile phone used is V50 ThinQ LG.

Half of the subjects tested have received a fake Bioshield USB key (without nano-layer on it), the other half a real Bioshield USB key (with the nano-layer inserted on it).

Neither the subject nor the experimenter knew what type of USB key has been chosen (randomly) by the subject (randomized double-blind test), in order to guarantee the objectivity of the results obtained.

Every key was put into an envelope before the experiment, and the envelope was never opened before the completion of the tests (around 1 hour 45 minutes for each subject).

Two independent experimenters carried out the two types of analysis taken into account in this protocol: one for heart rate variability analyses, and the other for blood analyses in order to increase the objectivity of the results obtained.



SUMMARY OF THE RESULTS

During the whole day, 10 patients have been thoroughly assessed. All results will be thoroughly described in a publication which will be officially released in a peer-reviewed committee journal.

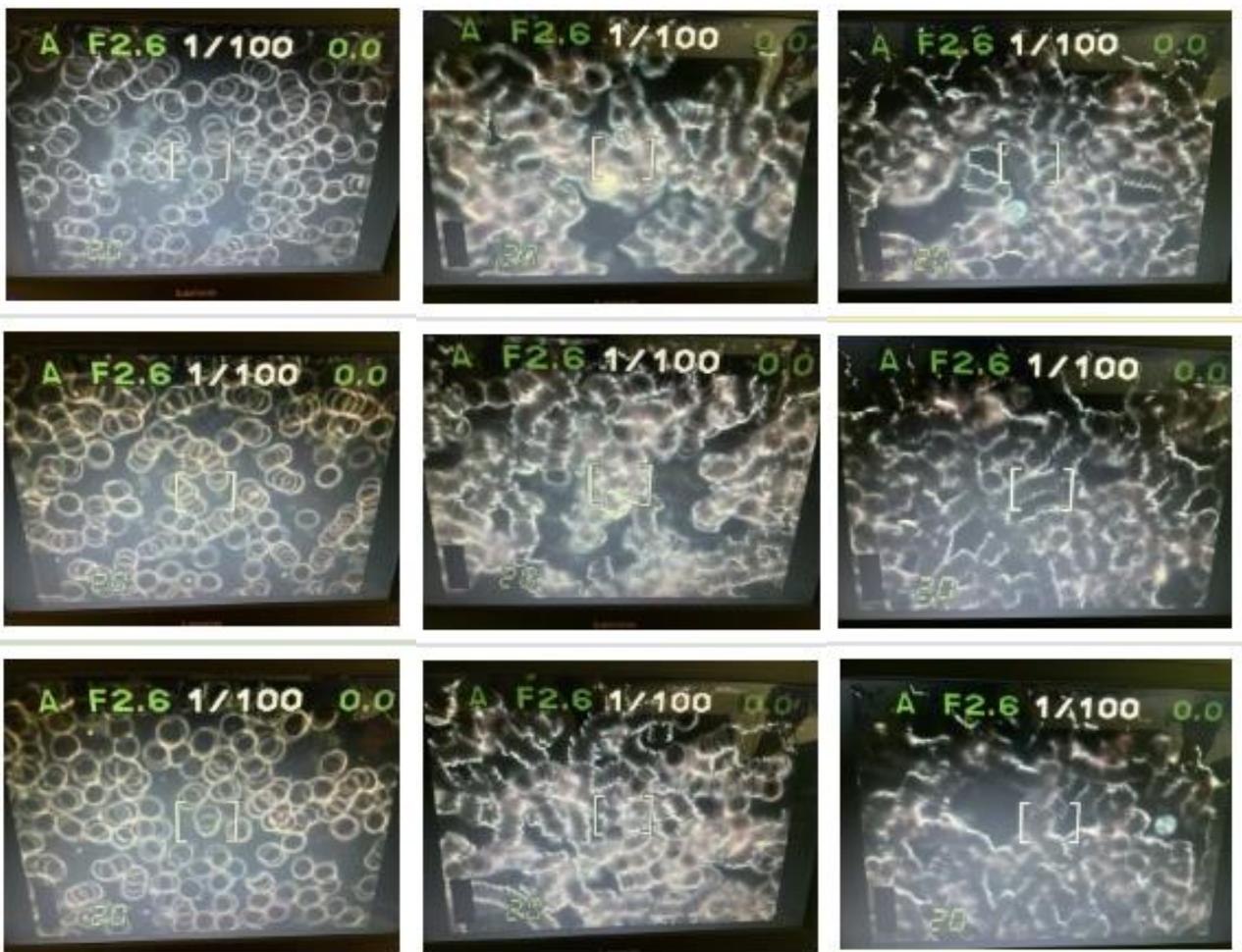
For the purpose of this Press Release only, here are a couple of representative examples of general results obtained so far:

1) Blood analyses on darkfield microscopy:

3 subjects with the **fake** 5GbioShield USB key, measured at various phases as described here above:

A) PLACEBO KEY (without the nano-layer):

Patient 1: RD, Female, 61 years old

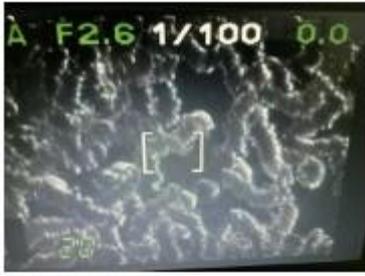


Phase 1

Phase 2

Phase 3

Patient 2: JS, Male, 43 years old



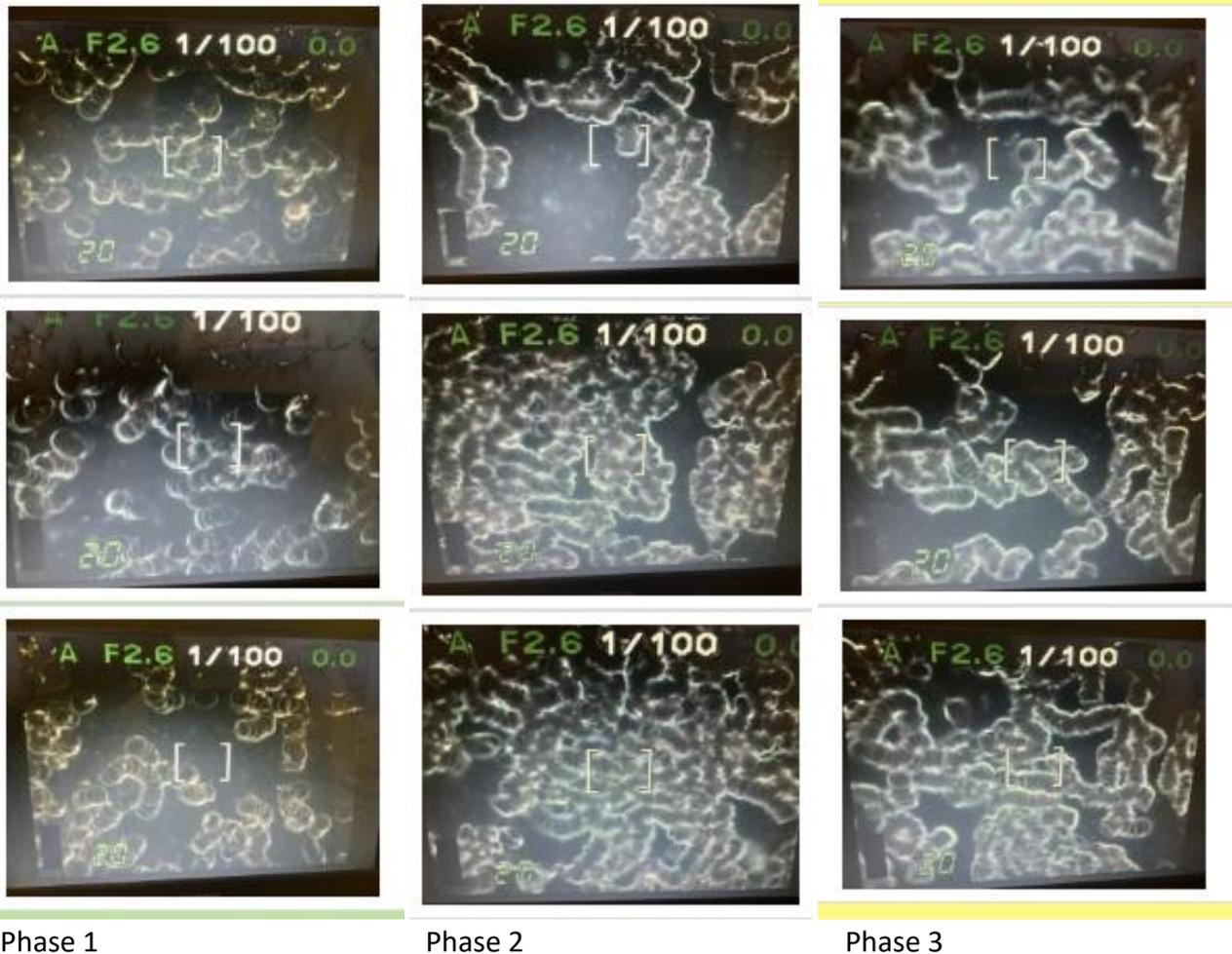
Phase 1

Phase 2

Phase 3



Patient 3: DF, Male, 45 years old

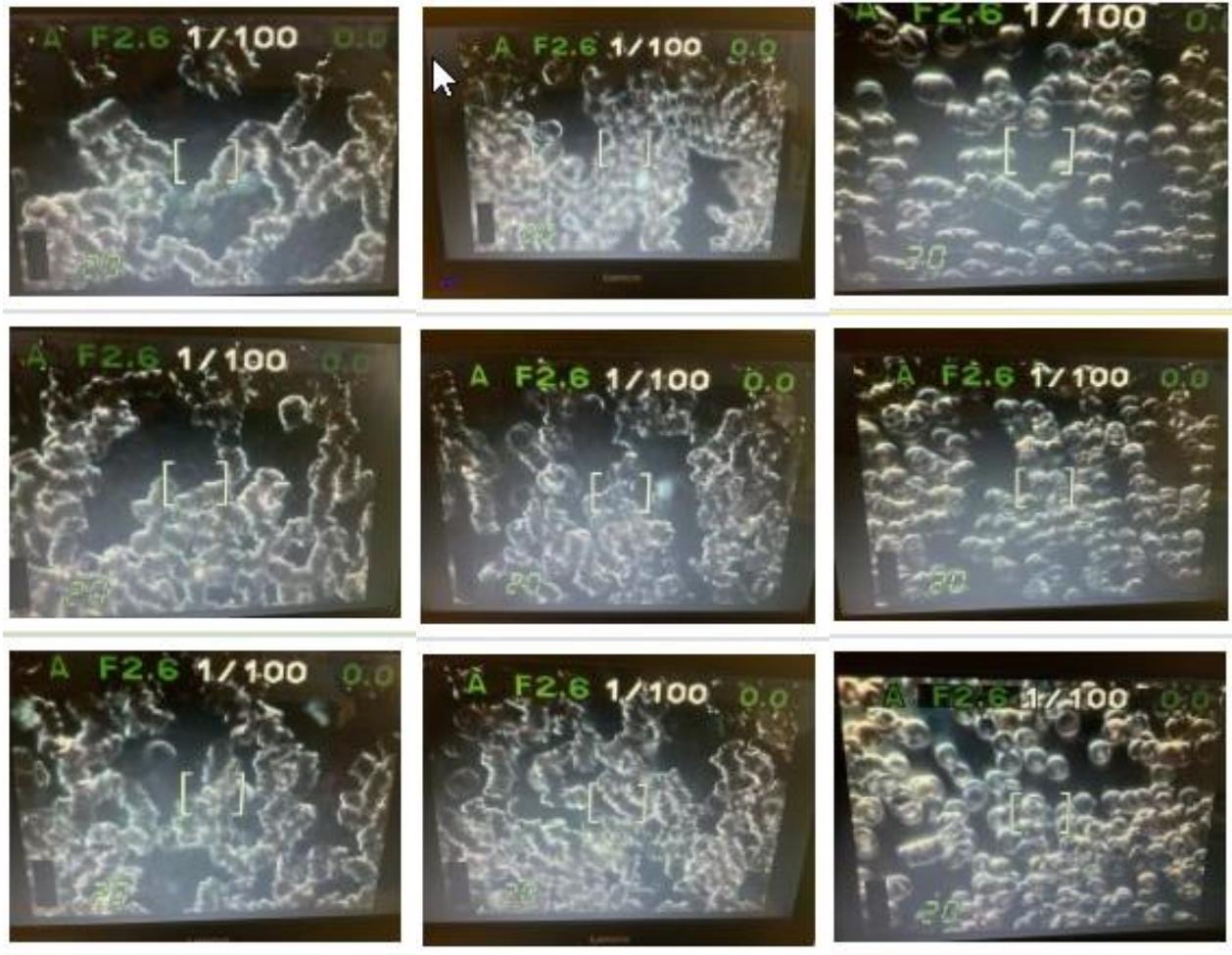


One can easily notice that between the 3 pictures of phase 1 (without call with mobile phone) and the 3 pictures of phase 2 (after 1/4 hour of call with mobile phone), the red blood cells become more agglutinated, forming compact chains thus showing an aggravated situation from the point of view of oxygenation, among others. Higher risk of clots. This configuration continues in the 3 pictures of phase 3, after the subjects have worn the USB key for 1 hour at least.

We conclude that **the placebo USB key did not modify the results** between pictures of phase 2 and pictures of phase 3.

B) REAL KEY (with the nano-layer inserted):

Patient 4: MG, Female, 24 years old



Phase 1

Phase 2

Phase 3

Patient 5: GK, Female, 46 years old



Phase 1

Phase 2

Phase 3

Based on the teaching of *Prof. Dr. G. Enderlein (1872-1968)*, known for his research and hypothesis on the pleomorphism of micro-organism, pleomorphism meaning the interaction of cells, viruses and bacteria with another and their transformation in different forms and discovery of the so called sickle cells (Pauling L, Itano HA, Singer SJ, Wells IC., Sickle cell anemia, a molecular disease. Science 110: 543 (1949), we call these small particles **endobionts** or **microzymas**, which are representative of a **healthy and revitalized blood**.

This is obviously what happened between phase 2 and phase 3 of the protocol.

Since all the above 6 measurements were carried out rigorously under the same conditions, we clearly see that the difference in blood structure between phases 3 with the Placebo key and phases 3 with the real key, **demonstrates an undeniable effectiveness of the 5gBioShield USB key in terms of protection and revitalization of the blood** against the marked effects of electric waves emitted by the mobile phone, and this after 1/4 hour already.

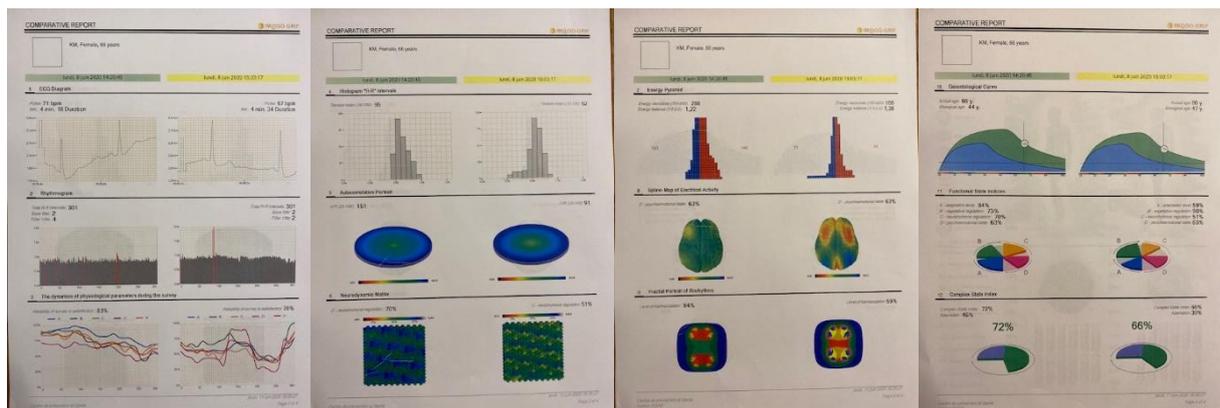
2) Heart Rate Variability Study

All measurement parameters enabled by the use of the Dynamika 72 device, are extensively described under the following reference: <https://5gbioshield.com/science-research/> under Case Study: 4) The effects on Biological Systems => standard reactions of a human organism to the 5GBioShield USB key.

Herebelow **2 respective cases** of subjects measured **without** the real 5GBioShield key during this present double blind vs placebo efficacy study, and **with** the real 5GBioShield key:

1) Patient KM, Female, 66 years:

Phase 1 and Phase 2 (comparison):



We notice a strong sagging of all parameters measured, which are suggesting a strong effect of the electric waves of the mobile phone on the subject measured.

Although the psycho-emotional state remains the same (63%), we notice large red zones appearing on the image of the brain, suggesting an important cellular stress having occurred since the mobile phone call was effected.

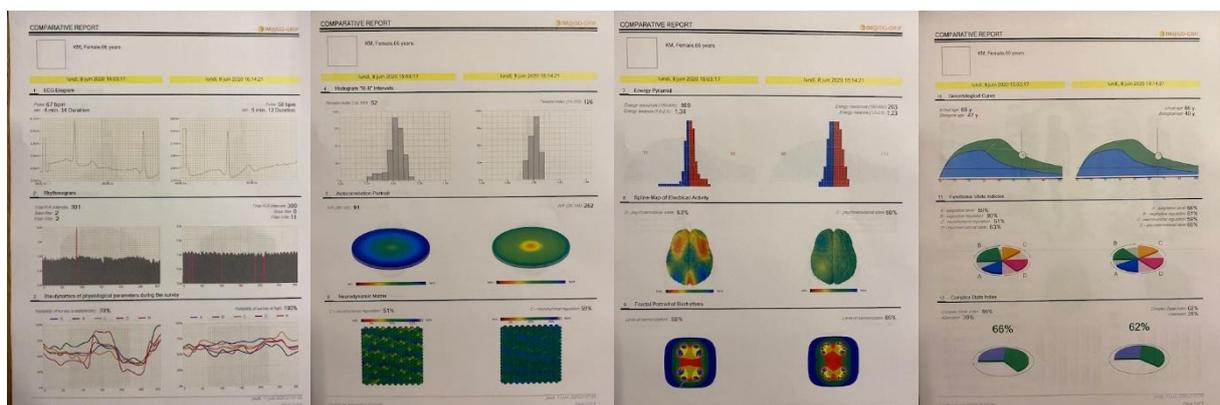
The energy parameters have also seriously decreased (266 => 169)

Neurodynamic matrix: 70% => 51%

The level of harmonization of the biorhythms has also significantly decreased: 84% => 59%

We notice that only the vegetative regulation index has augmented, which seems to indicate that the body tries to shift its available energy in order to optimally compensate the stress induced to the patient by the use of the mobile phone.

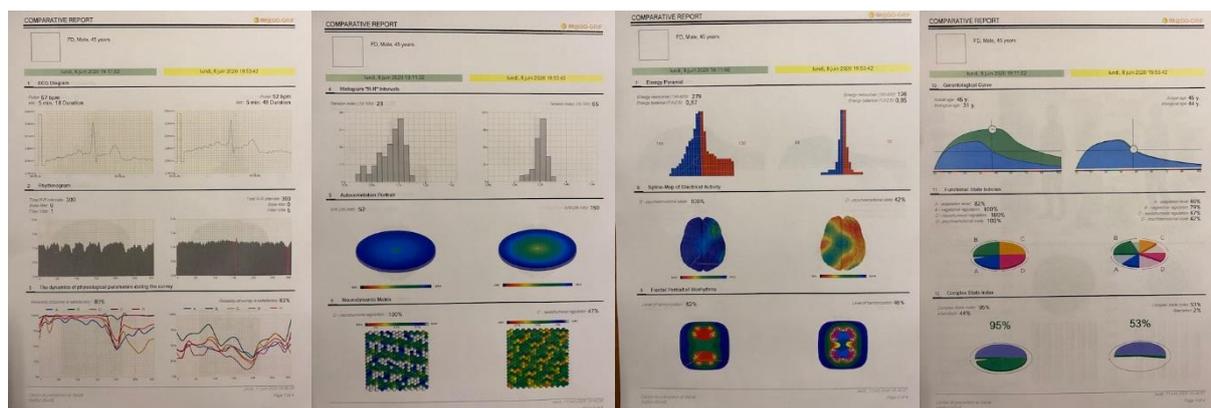
Phase 2 and Phase 3 (comparison):



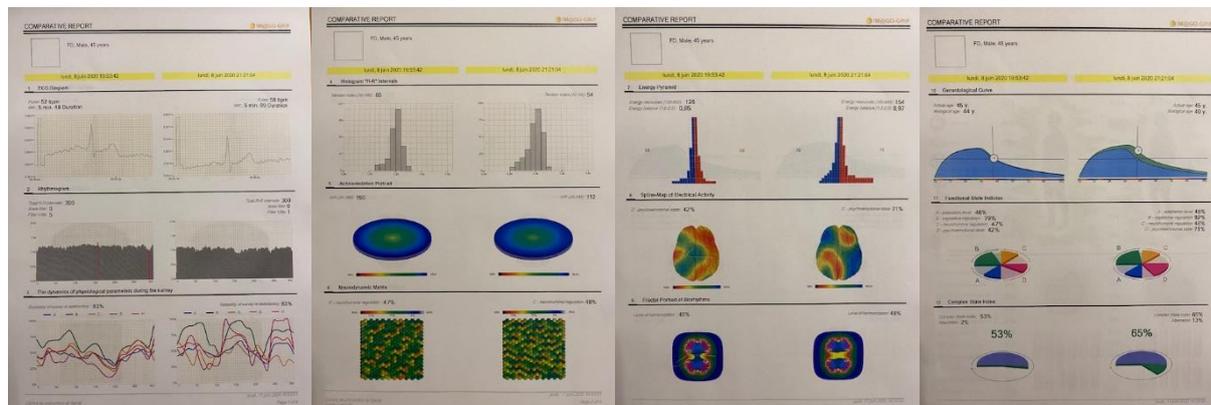
Although some stabilization occurred, we notice that the general health parameters have dropped down from 72% to 62%, as well as a significant reduction of count of heart intervals, which let us conclude that the USB key used is a fake one.

2) Patient DF, Male, 45 years:

Phase 1 and Phase 2 (comparison):



Phase 2 and Phase 3 (comparison):



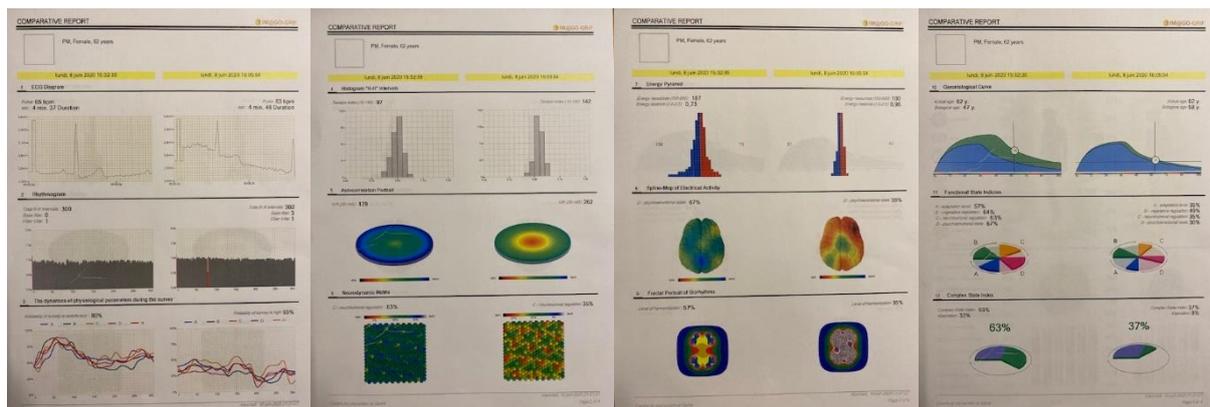
All parameters measured are showing a sharp drop in the data measured from phase 1 to phase 3, with however a slight rise in phase 3, mainly due to the fact that the patient rested for almost an hour, in a horizontal position, which allowed his organism to regenerate somewhat.

However, the changes observed are not sufficient to believe that he did not choose a fake USB key, devoid of the nano-layer, which was confirmed at the end of the study.

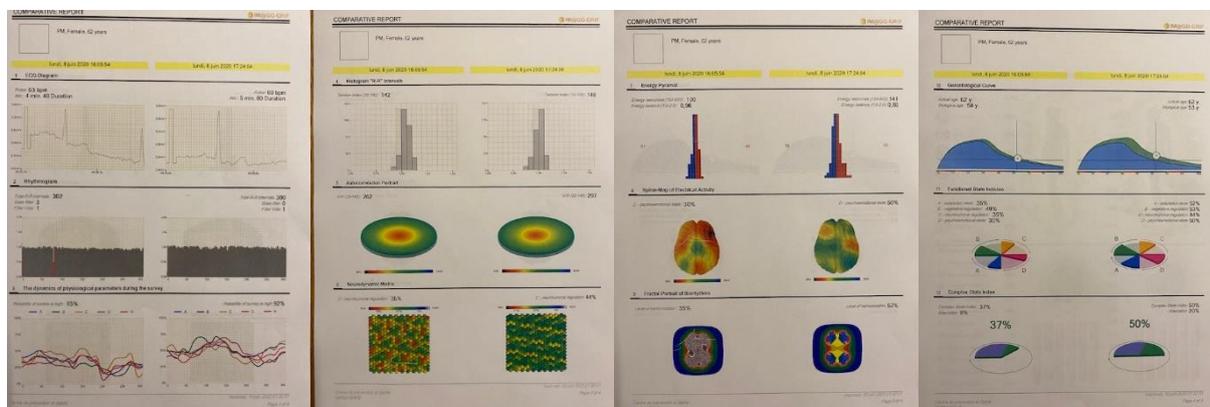
Note that this patient very strongly felt the contact with a real key after the end of the measurements, and assured that he felt a considerable difference between the two models, at an energetic level. He spoke of the evolutionary and adaptive effect of the key provided with the nano-layer.

Patient PM, Female, 62 years:

Phase 1 and Phase 2 (comparison):



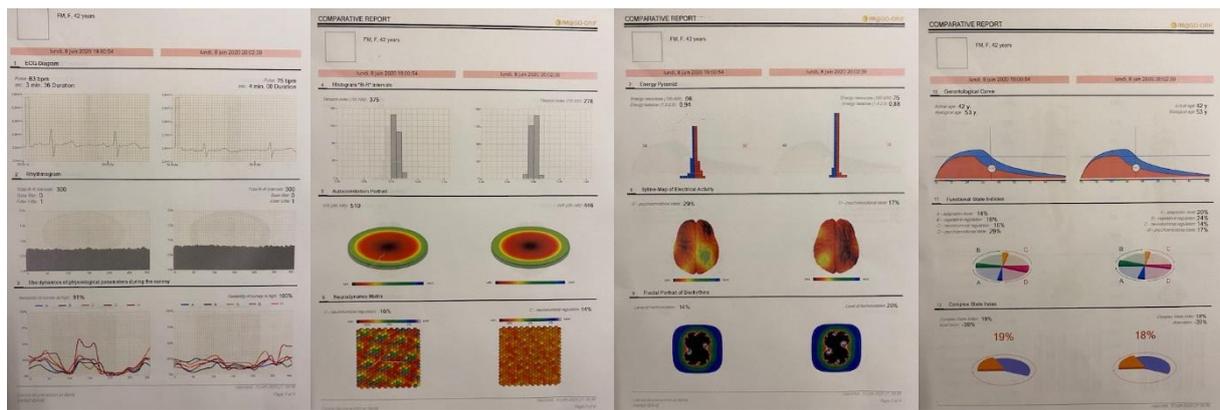
Phase 2 and Phase 3 (comparison):



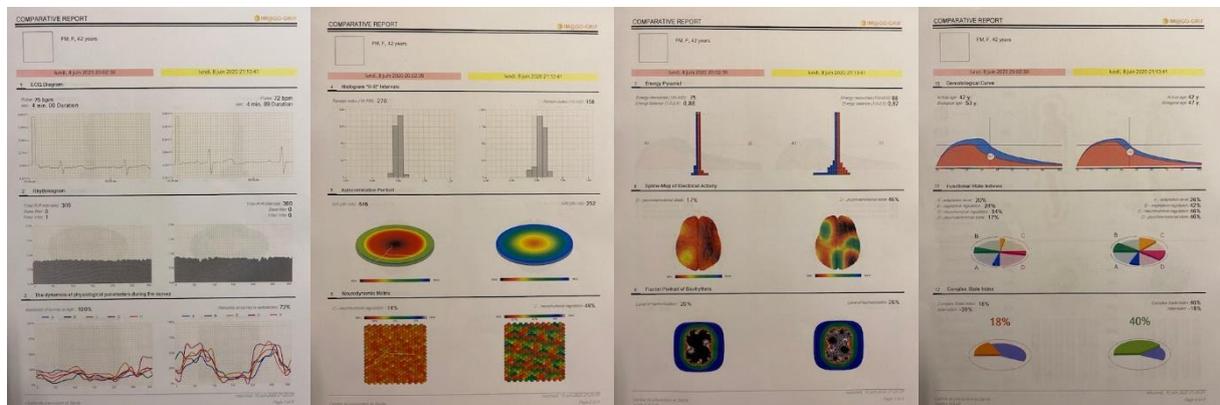
In this case, a significant drop of the general health parameters occurred between phase 1 and phase 2, associated with a raise of the biological age (from 47 to 58 years), has been observed, but firmly compensated (which gave rise to a significant increase in the elements measured in phase 3). This suggests that the patient benefited from a USB key fitted with the nanolayer, which was confirmed when the sealed envelope was opened.

3) Patient MF, Female, 42 years:

Phase 1 and Phase 2 (comparison):



Phase 2 and Phase 3 (comparison):



We can see from this particularly revealing example that the patient was in an advanced state of exhaustion when she presented herself for the phase 1 measurement. This is the reason why only a little difference was noted during the phase 2 measurement (eg 19% general health index compared to 18% during the second measurement).

On the other hand, it is clear that there is a very marked increase in all of the parameters measured during phase 3 (18% to 40% of the general health index for example). Psycho-emotional stress also decreased considerably, since the psycho-emotional index jumped from 17 to 46%; neuro-hormonal regulation has increased from 14% to 46% as well.

These observations are corroborated by the fact that spontaneously this patient declared feeling warmth and an intense feeling of well-being shortly after receiving her key in the envelope, and declared that she was in a state of relaxation that she had never known before.

We opened the envelope at the end of the study and found that the USB key that had been given to him was indeed equipped with the nano-layer, which means that **the key was real**.

CONCLUSION:

Both the tests carried out on blood observed under dark field microscopy and the measurements made from the patient's cardiac variability, some of which have been presented in this report, lead to the conclusion that the USB 5GBioShield key proposed by the Professor Lakicevic, produces remarkable measurable effects very different from those obtained with the dummy key, which seem to corroborate all the previous results as well as the very numerous testimonies favorable to this key, which we have also been told.

We intend to broaden the scope of our studies as well as the number of subjects that will be included, with the aim of forthcoming publications in recognized scientific journals.

In view of the objective results obtained on all of the patients tested, we can only confirm that the **5GBioShield USB key has a remarkable protective and enhance effect** on subjects suffering from fatigue or electromagnetic sensitivity.

We invite in the meantime everyone concerned to undertake their own research protocols on this unusual item.

Colombier, June 11th, 2020



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