

Influence of mobile phone to people and protective effect of quantum resonance technology

Abstract

Goals and objectives of the study: The goal of this paper was to study the influence of mobile phone radiation to people and possible protective effect of the Quantum Resonance Technology mobile application.

Study design: An open, randomized, placebo - controlled trials during two weeks. People was measured initially, randomly divided to two groups and measured after two weeks after listening to Quantum Resonance app, Yippi Wave 3.0 Yippi. Participants of the control group listened to classical music twice a day.

Subjects: 40 apparently healthy adults, age 22 – 56 years, 13 men and 27 women, randomly divided into two groups of 20 people. Randomization was based on the random numbers principle. The study protocol was approved by the Institutional Review Board (IRB) of the Federal State Budget Institution “Saint-Petersburg Scientific-Research Institute for Physical Culture”, Russia. All participants signed an informed consent form, where a written and oral explanation of the research protocol was provided.

Interventions: Participants in control group for two weeks, twice a day was listening to classical music; participants in an experimental group for two weeks, twice a day was listening to Quantum Resonance Technology apps Yippi Wave 3.0 audio programs via their mobile phone.

Outcome measures: Measurement of stress and energy coefficients with bio-well technology.

Results: The results of this study show that people react differently to the radiation from the mobile phone: for some people, turning the phone on in ringing mode does not cause any reaction, while for others it increases the level of stress. After using Quantum Resonance Technology apps Yippi Wave 3.0 via the mobile phone for two weeks all participants of the experimental group did not respond to the radiation of the mobile phone, while for the participants of the control group reactions was the same.

Conclusions: Quantum Resonance Technology apps Yippi Wave 3.0 applications have energized and protective effects on humans. This study should be considered a pilot study and the results are preliminary.

Keywords: phone radiation, psychophysiology, electrophotonic imaging, bio-well

Volume 7 Issue 2 - 2020

Konstantin G Korotkov

Federal State Budget Institution “Saint-Petersburg Scientific-Research Institute for Physical Culture”, Russia

Correspondence: Konstantin G Korotkov, Federal State Budget Institution “Saint-Petersburg Scientific-Research Institute for Physical Culture”, St. Petersburg, Ligovski 65, Russia, Email korotko2000@gmail.com

Received: February 17, 2020 | **Published:** March 13, 2020

Abbreviations: EPI, electrophotonic imaging; GDV, gas discharge visualization; CCD, charge-coupled device

Introduction

The use of cellular and cordless telephones is widespread and increasing in the society. The appearance and evolution of cellular phones have been one of the fastest in the history of innovation, yet the current science is not definitive about what type of health risks the use of mobile phones cause. The potential health risks of radiofrequency electromagnetic fields emitted by mobile phones are of considerable public interest.¹⁻⁷ There is public concern that using mobile phones with a latency period of more than 10 years could increase the risk of brain tumours⁸ and this issue which was first raised in the Scandinavian countries.⁹⁻¹³ There is some evidence to suggest that exposure to mobile phones can affect neuronal activity particularly in response to auditory stimuli.^{14,15} Another study showed slow response time in subjects performing specific cognitive tasks.¹⁶

Despite all this information some studies have also shown that mobile phones have no effect on cognitive function¹⁷ and no abnormal effects on human EEG activity.¹⁸

As can be seen from this data, response to mobile phone is different between people, and at the moment we did not find any data which allows to correlate the level of response to the particular psychophysiological features of a person. That is why research in this field is important for understanding the influence of the environment to people and developing protective means against artificial electromagnetic radiation.

Methods

An open, randomized, placebo - controlled trials during two weeks. Group of apparently healthy people was measured initially, divided to two groups at random and measured after two weeks after listening to Quantum Resonance Technology Yippi Wave 3.0 mobile application or to classical music twice a day. Two weeks between measurements

made it possible to make sure that the possible change in stress levels was not due to psycho-emotional reactions, but to the effect of listening to audio files. The technique of Electrophotonic Imaging (EPI) with Bio-Well device (www.bio-well.com) have been used in the study. This approach allows the recording of electron and photon emission stimulated by an electromagnetic field in any subject, as well as the acquisition of these data by computer image processing. The short electric impulse (10 microsec) on the camera plate stimulates subjects and generates a response in the form of an excited gas plasma (that is why in physical terms this approach is known as Gas Discharge Visualization – GDV).^{19–22} This plasma emits light which is directly measured by a charge-coupled device (CCD), the state of the art in measuring low-level light that is used in astrophysics and other scientific endeavors. The CCD registers the pattern of photons detected over time. These digital data are transmitted directly into a computer for data processing, and each image from the light emitted is stored as a graphics file. These two-dimensional images of the light are then used to calculate the area, emission intensity, fractality, and other parameters. The EPI technique has been found to be effective in evaluating the state of individual human health,^{23–25} and in the monitoring of individual reactions to different kinds of training.^{26,27}

Measurements were taken from the ring fingers of the right and left hands of every participant three times initially (to see the level of background variation), and with mobile phone in calling mode kept in one hand. This measurement takes about 5 seconds and allows to calculate the Stress coefficient using special algorithm.^{20,25–27} Stress coefficient is calculated as a combination of a Standard Deviation coefficients of the areas of computer images of a human finger glow stimulated by an electromagnetic field as follows:

$$\text{Stress} = \text{StDR} + \text{StDL} + | \text{StDR} - \text{StDL} |$$

where StDR and StDL - are the Standard Deviation coefficients of the area of right and left ring fingers, correspondently. This normalized coefficient changes from zero to 10. From 25 years of research it was shown that Stress <2 is optimal, from 2 to 3 is characteristic of anxiety, and above 3 are different levels of stress.^{20,21}

Study design

Subjects: 50 apparently healthy adults, age 22–56 years, 17 men and 33 women. People of this age group in accordance with WHO classification are middle-aged. All participants have been tested for reactions to mobile phone radiation (background test). Measurements were taken with the Bio-Well device first when the phone was switched off and then when the phone was switched on in ringing mode. The values of stress without the phone and when the phone is switched on were compared. 20 participants showed no reaction to the radiation and 30 participants had increased stress levels when mobile phone was in the calling mode. People from both of these groups were randomly divided into two groups so that each group had the same proportion of people with a specific type of reaction.

Interventions: Participants in control group for two weeks, twice a day was listening to classical music; participants in an experimental group for two weeks, twice a day was listening to Quantum Resonance Technology apps Yippi Wave 3.0 audio programs via their mobile phone. All participants were measured with Bio-Well technology initially and after two weeks. The study protocol was approved by the Institutional Review Board (IRB) of the Federal State Budget Institution “Saint-Petersburg Scientific-Research Institute for Physical

Culture”, Russia. All participants signed an informed consent form, where a written and oral explanation of the research protocol was provided.

Results

In the background measurements 28 participants responded to the radiation of the mobile phone by increasing the level of stress, while 22 people demonstrated no response. These changes was not statistically significant.

After two weeks of listening to classical music by the participants of the control group 15 people responded to the radiation of the mobile phone by increasing the level of stress (Figure 1). After two weeks of listening to the Quantum Resonance technology apps Yippi Wave 3.0 audio program no participants of the experimental group had negative response to mobile phone radiation (Figure 1).

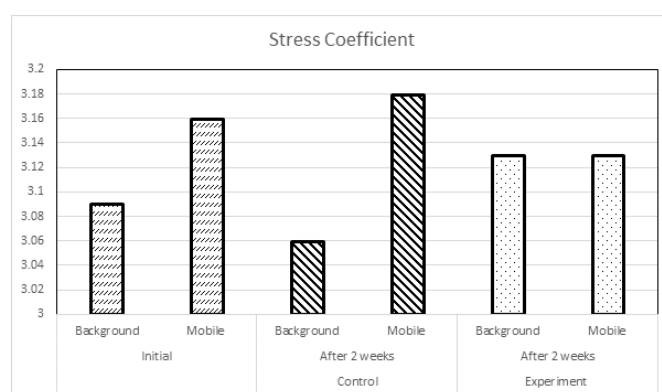


Figure 1 Stress coefficient in the background and under the influence of mobile phone radiation. Initial for all 50 participants and after 2 weeks for the control and experimental groups averaged on the group.

Discussion

As we see from the above data, only some of the tested people responded to the radiation of mobile phone by increasing stress. This correlates with the results of different publications dedicated to this topic. At the same time from the results of the experimental group we may conclude that using Quantum Resonance technology apps Yippi Wave 3.0 every day for two weeks had protective effect against the mobile phone radiation. As was shown by the next level of our experiments the experimental group was characterized by reliable positive dynamics of indicators of heart rate variability and a decrease in centralization of the heart rhythm, reflecting the growth of parasympathetic regulation, reserve capacity of the body, as well as the general level of health. We are preparing description of these results for further publications. This might explain protective effect of the Quantum Resonance technology apps and may be based on physical principles of its functioning. According to the software developers (<https://yippiweb.com/what-is-wave>), their device uses the principle of subtle energy. Subtle energy is a term that refers to any type of energy that has some empirical scientific support for its existence but nonetheless lies outside of the four forces accepted by mainstream science: the strong and weak nuclear forces, electromagnetism and gravity.^{28,29} We believe that this impact was the cause of the increased resistance stress of the experimental group. Without going into a discussion about the nature of this phenomenon, we realize that it is possible to modulate the radiation of the phone in a certain way

using the application on the phone. When the audio file was turned on, the electromagnetic field in the environment was modulated, which influenced water,³⁰ gas-discharge sensor,³¹ and physiological state of a person, especially the autonomic nervous system.

Conclusion

The results of this study show that people react differently to the radiation from the mobile phone: for some people, turning the phone on in ringing mode does not cause any reaction, while for others it increases the level of stress. Given the widespread use of mobile phones, this seems logical, otherwise we would have seen statistically significant deterioration in health across countries over the past 30 years, which is not the case. Regular listening to Quantum Resonance technology apps Yippi Wave 3.0 audio had positive protective effect against mobile phone radiation for all the participants. This study should be considered a pilot study and the results are preliminary. Using only one method with registration of one parameter imposes serious limitations on the conclusions made. At the same time, the topic of the influence of electromagnetic fields and especially of mobile phones seems to be significant and causes wide public interest. Therefore, even limited research is worthy of attention. We plan to continue this direction of research with inclusion of a wide group of methods.

Acknowledgments

None.

Conflicts of interest

The authors declare there are no conflicts of interest.

Funding

None.

References

- Hardell L, Carlberg A. Pooled analysis of two case control studies on use of cellular and cordless telephones and the risk for malignant brain tumours diagnosed in 1997–2003. *Int J Oncol*. 2006;28(2):509–518.
- Colonna A. Cellular phones and cancer: current status. *Bull cancer*. 2005;92(7):637–643.
- Van Rongen E, Roubos EW, Van Aernsbergen, et al. Mobile phone and children: is precaution warranted? *Bioelectromagnetics*. 2004;25:142–144.
- Braune S, Riedel A, Schulte-Monting, et al. Influence of a radiofrequency electromagnetic field in cardiovascular and hormonal parameters of the autonomic nervous system in healthy individual. *Radiat Res*. 2002;158(3):352–356.
- Morissey J. State of the science: RF genetic toxicology. In: Carlo GL, editor. *Wireless phone and health State of the Science*. Norwell, Mass: Kluwer Academic publishers; 2007.
- Moulder JE, Erdreich LS, Malyapa RS, et al. Cell phones and cancer: what is the evidence for a connection? *Radiat Res*. 1999;151:513–531.
- Blettner M, Berg G. Are mobile phones harmful? *Acta Oncol*. 2000;39:927–930.
- Lahkola A, Tokola K, Auvinen A. Meta-analysis of mobile phone use and intracranial tumors. *Scand J Work Environ Health*. 2006;32(3):171–177.
- Lonn S, Ahlbom A, Hall P, et al. Mobile phone use and the risk of acoustic neurinoma. *Epidemiology*. 2004;15(6):653–659.
- Weinberger Z, Richter E. Cellular telephones and effects on the brain: the head as an antenna and brain tissue as a radio receiver. *Med Hypotheses*. 2002;59:703–705.
- Hansson MK, Hardell L, Kundi M, et al. Mobile telephones and cancer: is there really no evidence of an association? (review). *Int J Mol Med*. 2003;12:67–72.
- Repacholi M. Low level exposure to radio-frequency electromagnetic fields: health effects and research needs. *Bioelectromagnetics*. 1998;19:1–19.
- Hamblin DL, Croft RJ, Wood AW, et al. The sensitivity of human event-related potentials and reaction time to mobile phone emitted electromagnetic fields. *Bioelectromagnetics*. 2006;27(4):265–273.
- Curcio G, Ferrara M, Moroni F, et al. Is brain influenced by a phone call? An EEG study of wakefulness. *Neuroscience Res*. 2005;53(3):265–270.
- Eliyahu I, Luria R, Hareuveny R et al. Effects of radiofrequency radiation emitted by cellular telephones on the cognitive functions of humans. *Bioelectromagnetics*. 2006;27(2):119–126.
- Besset A, Espa F, Dauvilliers Y, et al. No effect on cognitive function from daily mobile phone use. *Bioelectromagnetics*. 2005;26(2):102–108.
- Hietanem M, Kovala T, Hamalainen AM. Human brain activity during exposure to radiofrequency fields emitted by cellular phones. *Scandinavian journal of work, environment and health*. 2000;26(2):87–92.
- Kramarenko AV, Tan U. Effects of high-frequency electromagnetic field on human EEG: a brain mapping study. *Int J Neurosci*. 2003;113(7):1007–1019.
- Korotkov KG, Orlov DV, Williams BO. Analysis Based on Gas Discharge Visualization (GDV) Technique in Medicine: A Systematic Review. *Journal of Alternative and Complementary Medicine*. 2010;16(1):13–25.
- Korotkov KG. *The Energy of Health*. Amazon.com publishing; 2017.
- Korotkov KG. Review of EPI papers on medicine and psychophysiology published in 2008–2018. *International Journal of Complementary and Alternative Medicine*. 2018;11(5):311–315.
- Muehsam D, Chevalier G, Barsotti T, et al. An Overview of Biofield Devices. *Global Advances in Health Medicine*. 2015;4:42–51.
- Korobka IE, Yakovleva TG, Korotkov KG, et al. Electrophotonic Imaging technology in the diagnosis of autonomic nervous system in patients with arterial hypertension. *Journal of Applied Biotechnology and Bioengineering*. 2018;5(1):112–118.
- Yakovleva EG, Buntseva OA, Belonovos SS, et al. Identifying Patients with Colon Neoplasias with Gas Discharge Visualization Technique. *Journal of Alternative and Complementary Medicine*. 2015;21:720–724.
- Shiva KK, Srinivasan TM, Nagendra HR, et al. Electrophotonic Imaging Based Analysis of Diabetes. *International Journal of Alternative and Complementary Medicine*. 2016;4(5):134–137.
- Kushwah KK, Nagendra HR, Srinivasan TM. Effect of Integrated Yoga Program on Energy Outcomes as a Measure of Preventive Health Care in Healthy People. *Central European Journal of Sport Sciences and Medicine*. 2015;12(4):1–71.
- Sushrutha S, Hegde M, Nagendra R, et al. Comparative study of Influence of Yajña and Yogāsana on stress level as Measured by Electron Photonic Imaging (EPI) Technique. *International Journal of Science and Research*. 2014;3(8):1402–1406.
- Tiller W. What is Subtle Energy? *Journal of Scientific Exploration*. 1993;7(3):293–304.
- Morley K. *Symbols and Subtle Energy*.

30. Korotkov K. Effect of music on structuration of water. *International Journal of Alternative and Complementary Medicine*. 2020;13(1):14–16.
31. Korotkov K. Remote detection of music influence with physical sensor. *Journal of Applied Biotechnology and Bioengineering*. 2020;7(1):7–10.