

Patho-physiological and energetic effects of Memon technology in a placebo-controlled, prospective double-blind crossover study

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Summary

In 2010, a large-scale, placebo-controlled, prospective, double-blind crossover study was undertaken into Memon technology (MT) and its function and operation [1]. This study was conducted by a reputable scientist and his institution in the USA. For contractual reasons, the name of the scientist and the institution may not be mentioned here.

The aim of the study was to find out if MT is able to neutralise the negative influences of high-frequency electromagnetic radiation (non-ionizing radiation) from mobile phones on humans (in vivo). This investigation was carried out on the basis of the so-called Bioenergetic Loop (BEL*).

The result shows most significantly that MT is active in all areas of the BEL, including the cell membrane, tissue, organs and organ systems, the organism and the supra-levels of the organism. It seems to possess 'antioxidant' properties which restore impaired intercellular communication. This protective effect is also effective in the long-term.

Keywords: in vivo, mobile phone, memonizerMOBILE, antioxidative, bio-energetic loop

Background

Mobile technology has spread like wildfire in the last 15-20 years. Today, there are nearly as many mobile phones on the planet as there are people. Not a day goes by without new studies being released discussing the negative health effects of this technology. There is evidence that the sustained use of mobile technology promotes oxidation processes in the human organism [2].

The purpose of the study was to test the hypothesis that MT is able to restore or correct intracellular communication at all levels of the biological system in persons where it has been disturbed or damaged by the influence of mobile communications. The bioenergetic loop (BEL*) model was used to represent the connection between cell and environment (cell-tissue-organ-organ system-organism-supraorganism).

Study Design

The study was conducted on 28 volunteer participants (14F / 14M) as a double blind crossover study. The subjects were aged between 16 and 50. At three times (at least 21 days apart) during the study, the

participants were examined in the laboratory and a memonizerMOBILE was installed on their mobile phones. Neither laboratory staff nor study participants were aware of whether an activated or non-activated memonizerMOBILE was on the mobile phone. Daily usage of the mobile phone was around 30 minutes, with around 900 minutes of total usage within a 21-day period. Both the laboratory values and the usage time of the mobile phones were recorded throughout the entire study. The data was evaluated after collection using statistical analysis software.

The following **investigation methods** – for the purpose of the BEL – were used.

1. Thio Barbiturate Reactive Species (TBARS) lipid peroxidation [3] in the cell and mitochondrial membrane
2. High-temperature TBARS for measuring the systemic oxidative stress level
3. Dehydroepiandrosterone (DHEA) for the detection of sympathetic stress caused by inflammation
4. Cortisol as a marker of the systemic stress response

5. Total antioxidant capacity as a marker of organ system function
6. Blood oxygen as a marker for tissue function
7. Heart rate variability (HRV) as a marker of organ function
8. Questionnaires (organ system)
9. Neuromotor balance tests (organism function)
10. Kinesiological tests (supra-organism)

Results

Based on the available results, it can be seen that MT has a profound effect in all areas of the BEL (see Figure 1).

BEK	Test-Methode	Positive Kontrolle Varianz	Positive Kontrolle Durchschnitt	Rx Basis Varianz	Rx Basis Durchschnitt	Rx Kontrolle Varianz	Rx Kontrolle Durchschnitt
Zelle	Lipid-peroxidation	☹	☹	☺	☺	☺	☺
Gewebe	Blutsauerstoff	☹	☺	☺	☺	☺	☺
Organ	Herzratenvariabilität (HRV)	☺	☺	☹	☹	☹	☺
Organ	Cortisol	☺	☹	☺	☹	☹	☹
Organ-system	DHEA	☹	☹	☹	☹	☹	☹
Organ-system	Totale antioxidative Kapazität	☹	☹	☹	☹	☹	☹
Organismus	Neuromotorische Balance	☹	☺	☹	☺	☹	☺
Organismus	Systemischer oxidativer Stress	☺	☺	☺	☹	☹	☺
Supra-organismus	Kinesiologischer Test	☹	☺	☹	☺	☹	☺

Fig. 1: Statistically significant differences for selected dependent variables (in part), determined by F-tests for the comparison of variances, and T-tests for the comparison of averages on the basis of the layers of the bioenergetic loop. Study population (N=28).

The outstanding, and so far unique, result in this area is the protective efficacy on the intracellular level. The MT has a significant antioxidant and regen

erative effect on interrupted cellular communication. The MT acts indirectly on the biological level and directly on the energetic level. The protective effect of the MT was further determined in an additional measurement cycle of about six weeks, which indicates the long-term effect of the MT.

A variety of chronic diseases such as cancer, arteriosclerosis, type II diabetes, Alzheimer's disease as well as the degradation and aging of the body are due to oxidation processes in the human body. Even in many acute illnesses, inflammations and stress states, free radicals are involved in the body [3]. Based on these results, it can be concluded that the MT represents a possibility of compensating for the electromagnetic field influences mentioned. This is especially appropriate where minimisation of field strengths or field sources is not possible for technical reasons.

*The bioenergetic loop is a biological parameter by which any internal or external stimulus is able to instantly cause an intracellular response, which in certain circumstances is defined by the characteristics of a person at a specific time. In short, this means that the BEL is the link between the cell and the environment. Cells that communicate with each other create a connective function that shapes the tissue. Cells and tissues communicate with each other to effect a connective function that shapes the organs. Organs communicate and work together to shape the organ system. Organ systems work together to define the organism, or in this case the person.

References

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