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Naturally Scientific Approach to the Treatment of Patients

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Abstract

The present article points to weaknesses of the modern model of healthcare based on pharmacology, which has been unable to resist the influenza virus COVID-19 that led to a planetary economic crisis. The proposed way out of the crisis is to change priorities, namely, the departure from pharmacology and focus on modern science-based natural approaches in the treatment of patients. The three most powerful approaches are described in some detail: water with a high negative redox potential (this is provided by hydrides dissolved in water), information therapy and low-intensity laser therapy. These methods have no side effects and even cure patients with a rejuvenating effect. Undoubtedly, they must be adopted by the healthcare system.

Keywords: Healthcare; Pharmacology; Hydride; Information therapy; Laser therapy.

1. Introduction

In modern medicine based on pharmaceuticals a person is considered as an experimental animal, or a prisoner of a concentration camp, who is deprived of any rights. The individual is a sack into which everything can be thrown, injected and pumped, and these chemicals can remain in the body for a long time, leading to a deterioration in the functioning of various systems (for example, antibiotics leave the body only after 2-2.5 years). The body can be irradiated with rays of powerful energy such as X-rays, which disable the functioning of several systems and further leads to a disorder of the whole organism. In fact, nowadays, a computed tomography scan, along with blood tests are considered the most important information tool for assessing the patient. But computed tomography contributes a significant portion of the total collective dose delivered to the public from medical procedures involving ionizing radiation [1]. Nevertheless, the American Association of Physicists in Medicine of the American Institute of Physics [2] emphasizes that their main activity is the development of powerful accelerators of various particles (protons, electrons, positrons), which bombard certain diseased systems of organism, as well as methods of obtaining images of these bombarded areas of the body.

Thus, although we can hear about human rights everywhere, the actions of modern medicine suggest otherwise. And then all hope is placed on the body itself – whether it will be able to get out of serious damage caused by destructive pills and/or radiation. Such pharmacological approach is very aggressive, it requires full vaccination of people against all existing infectious diseases. Pharmacological medicine is very offensive; a year ago German health insurers, following the similar move by Britain's National Health Service and a French campaign, urged to end homeopathy refunds because of an insufficient scientific evidence for the efficacy of homeopathic procedures [3].

However, this year a virus infection caused by CovSars-2 showed that the pharmacological medical approach has also failed. We must face it – the modern model of healthcare based on pharmacology has come to a complete collapse all around the world resulting into a severe global crisis. So, what lessons should we learn from this?

First of all, let us come back to the beginning of the 20th century. Starting from 1913 in the following decade allopaths, or pharmacists, won the battle against empiricists (who used natural methods when treating patients) (see, e.g. [4]; pharmacists won not owing to the success of their methods used to treat patients, but only thanks to large investments, since the sale of pharmaceuticals should bring additional income to investors (especially the Rockefeller family).

Today looking at the bad situation with the healthcare all around the world we must recognize that the rejection of empirical approaches in the treatment of patients was very premature. Empirical approaches have to be considered seriously again. In such a case, what could medicine look like in a developed society of the 21st century? It should for instance easily overcome the difficulties associated with the emergence of new infectious diseases, including viral diseases, and particularly, the ***coronaviruses***. It must also successfully cure the latest epidemics such as

dementia, cancer, diabetes, cardiovascular disease, etc., for which the pharmacological approach seems to have no or only a limited answer.

When the old dies, the new is born. A a new natural medicine approach is already here with us! However, people don't seem to be ready to make a transition in their minds and they are found in the situation known as Psychology of Trauma. Moreover, the emergence of a new healthy natural medicine is opposed by politicians and administrators, in particular medical administrators and academic medical authorities who have studied nothing but pharmacology at their universities, with a prevailing consumerist attitude to Nature – they have never considered Nature as their main teacher. Modern 21st-century people seem to have become far removed from Nature and do not pay attention to the Nature and Space according to the laws on which life is built.

2. Natural Scientific Principles to Support Health Care

2.1. Features of the Organism

So, which methods of treatment can be named natural? Perhaps they are folk medicine, which includes herb, honey, propolis and some minerals; Yogic therapy [5], in particular breathing exercises, which allow one to easily cope with main lung infectious diseases; various water-based procedures in particularly against severe pneumonia (see, e.g. [6, 7], which were well-known in the past but completely ignored by modern official medicine; the science of fasting against a number of diseases [8]; acupuncture and reflexology [9]; a bioresonance treatment using different devices with tuned frequencies that are able to paralyze microorganisms or stimulate organs at some specific electromagnetic frequencies (devices after Royal Rife and Dr. Albert Abrams); devices that generate an electrical signal exactly the same as that produced by the brain (like the Mioritm device invented by Soviet researchers in the mid-1960), etc.

Natural treatments aim to keep the immune system working properly, namely, the immune system must regularly remove destroyed cells (affected by viruses, other microorganisms, damaged by ionizing radiation or mechanical causes) from the ordered cells of the body into the lymphatic ducts. Different chemicals produced by the immune system, i.e. lymphocytes (hydrogen peroxide H_2O_2, hydroxide ion OH^-, hydronium H_3O^+ and interferons, which are a group of signaling proteins) allow the body to protect itself from viruses and other infectious agents. Therefore, from a logical point of view, it seems that our goal should be to use non-destructive methods of influencing the body. We must find the best ways to help our immune system to do its proper job.

First of all there are the correct electrochemical parameters, namely, pH, resistance or current and the redox potential, which assist the immune system significantly in its work because any pathogen or virus can exist only in a narrow range of electrochemical values (but modern pharmacological medicine does not take the electrochemical parameters of the liquid environment in which its medicines generally work into account). Moreover, we can locally affect the body with a low intensive mass flow, which is a very new trend initiated by submicroscopic fundamental physics (the mass and mass carriers, *inertons*, are my personal fields of studies in fundamental physics, Krasnoholovets [10].

Thus we can change both the electrochemistry and mass properties in the body. For example, if a virus "A" can easily exist and multiply in the environment having a redox potential from +200 to –200 mV, "A" cannot exist when the redox potential of the liquid substance in question become +600 mV or –600 mV. A similar story with mass – its carriers, inertons, can gently be introduced into the liquid substance in question and this will stop an opportunity for virus "A" to develop and exist and also this quickly stops the acute inflammatory process in Krasnoholovets [10], there is a description of the case of elimination of a sharp pain and inflammation of the appendix after a gently influence by inertons.

Another great feature of the body is the ability to photosynthesise.

In the mid-1960s Peter Mitchell's [11] chemiosmotic theory showed that the formation of ATP is related to electron flow in the membranes of both chloroplasts and mitochondria, which requires a proton concentration gradient and an electric field across intact lamellae and mitochondrion. The energy of the proton concentration gradient and the electric field drives the conversion of adenosine diphosphate (ADP) and inorganic phosphate P to adenosine triphosphate (ATP) and water.

However, further studies revealed that a mitochondrion, the organelle of a cell, which is responsible for ATP formation during cellular respiration, can absorb light (see, e.g. [12]). This is the extra light in photosynthesis, which goes into the formation of ATP by a cyclic photophosphorylation pathway when the excited electron returns to the reaction centre. Because photon energy launches the reaction ADT + P → ATP in the chloroplasts, the production of ATP during photosynthesis is associated with photophosphorylation, as opposed to oxidative phosphorylation in the electron-transport chain in the mitochondrion. The same photocycle, which substitutes for the electron-transport chain in the chloroplasts and plant mitochondria, is also observed in animal mitochondria including the human body, which occurs in particular under a laser light [13]. Thus a laser beam is potentially able to renovate cells.

2.2. Natural Power Treatment Methods

Let us consider three very interesting natural scientific approaches in which I have been involved.

2.2.1. Hydrid Fortis

HydridFortis [14] could be called a remake product of Patrick Flanagan's microhydrin. HydridFortis is a mineral powder, namely, zeolite whose pores are filled with hydrides. The powder is partly diluted in water and becomes a powerful therapeutic remedy because it induces in water a very large negative redox potential, -700 mV.

Thus, water with diluted hydrides becomes a powerful source of protons and electrons needed for the body's cells and in particular, mitochondria. Mitochondria start to produce an additional number of ATP bringing energy to the body. It is a very powerful antioxidant that prevents oxidative stress in the body and also improves blood, urine, saliva, lymph scores, and strongly opposes infectious diseases, including viral ones. Besides, the base, i.e. zeolite, is a good sorbent of heavy metals and various chemical toxins. Due to such powerful effect on all the bodily systems, HydridFortis can treat many diseases while simultaneously rejuvenating the body; in particular, mice that drank water with hydrogen showed brain rejuvenation of up to 27% [15].

2.2.2. Information Therapy

This is an extremely powerful method of treatment of various problems of people of old age related to the weakening of the mind, cardiovascular diseases, sick kidneys, genital problems, diseased liver, sick lungs, digestive problems, cancer, etc.

All began with Reinhold Voll's method (see, e.g. [16]); Ukrainian researchers [17-19] further studied the possibility to induce a response to the body, such that it could correct a particular organ.

In this approach the important action is the restoration of the correct values of microcurrent proper frequencies in different systems and organs of the body after which all bodily systems start to emit their own correct frequencies (in all the spectra – acoustic, inertonic and electromagnetic). Tens of thousands of ill and healthy people were tested and the appropriate signals of a few hundreds of systems of the body were recorded and catalogued, using a particular electronic matrix obtained through an invented device named "INTERA-DiaCor". The diagnosis of a patient with the help of the INTERA-DiaCor is shown in Fig. 1.

Figure-1. Information therapist examines the patient's information indicators.

An information therapist can examine the patient even contactless at a distance of hundreds of kilometres and can also send healthy signals to the patient from his cabinet using a card catalogue. The corrective codes are transmitted using an inerton field, which brings healthy frequencies to the ill systems and these systems begin to operate at the healthy physical parameters of the microcurrent, acoustic, electromagnetic and inertonic frequencies programmed by Nature.

Currently the method allows the therapist to examine the distant patient (removed even at hundreds of kilometres from the therapist) and after that the therapist can launch a set of needed codes for the patient, which will be transmitted to him via the inerton channel (i.e. wirelessly). Some more detail about the method see in the web site [20].

2.2.3. Laser Therapy

After the Chornobyl nuclear disaster of 1986 leading biophysicists and physicists of Ukraine designed a laser apparatus named “Helios”. It combines 3 different laser beams with different properties. The first version of Helios already recovered the health of over 300,000 people who had received a high/medium dose of ionisation radiation. Those people were supposed to die, but the Helios brought them back to full life. I do not know any other approach that will be able to do that real miracle.

It is interesting to note that the best effect of laser therapy was observed when laser was irradiating the body together with a stream of water in the shower. A special laser device was designed for this purpose, Hydrolaser therapeutic device “Tonus”. It is intended for physiotherapeutic and prophylactic treatment procedures for local, rectal, vaginal and urethral effects on organs and foci of pathology. In fact, solid research conducted by Pollack and collaborators [21] demonstrated that a layer of water with a thickness of several hundred micrometers adjacent to hydrophilic surfaces (interfacial water) is different from bulk liquid water. Such water layer named EZ water induces a negative charge near the surface. This means that a laser shower regenerates the organs because of both laser influence and the induced local negative redox potential.

For example, in 1990, in the city of Kharkiv (Ukraine), at the beginning of the autumn school year, 20,000 students were subjected to preventive laser treatment using the Helios apparatus (only one session of 10 min.). As a result, in the autumn-spring period, among this large group of students, patients with respiratory diseases were 10 times less than the average in Ukrainian cities. Fig. 2 exhibits the Helios apparatus; Fig. 3 shows a session of laser therapy.

During 33 years, a huge number of applications of the Helios have been examined. All the results exceeded even the most optimistic expectations. The Helios laser therapy can be considered as a monotherapy, i.e. it can treat patients without using supplementary medical preparations. In particular, laser therapy has also been tested to treat infectious diseases [22, 23]; see also recent paper [24] on light as a potential treatment against COVID-19.

2.2.4. The Mechanism of Action of Laser Light

It is obvious that the mechanism is launched by photosynthesis, as mentioned above. However, this is only a **primary mechanism**, because deeper studies [23] also point to a **secondary mechanism**, which turns out to be the most important. Namely, Moskvin [23] argues that light absorption leads to the appearance of a local temperature gradient (about 1 °C), which activates the release of Ca^{2+} from intracellular depots followed by the propagation of waves of increased concentration of Ca^{2+}. This causes Ca^{2+}-dependent processes, including metabolic, then the release of reactive oxygen species (H_2O_2 and O_2^-) and after that launching the antioxidant enzyme system.

Figure-2. Modern design of the Helios laser apparatus; The Helios can provide services to 8 patients at the same time as it has 8 cables with different nozzles, which can be applied to patients in other rooms; all procedures are programmed in the computer.

Figure-3. Prof. Dr. Yuri Zabulonov, physicist, inventor of the Helios, is at the console next to the patient. The laser beam automatically scans the back of the patient

Active forms of oxygen appear in the process of various biochemical reactions of the respiratory chains of NADP-NADP·H, the more active these processes, the more products of these reactions and, as a result of this, an increase in the activity of catalase and superoxide dismutase. So, laser light activates a Ca^{2+}-dependent activity of the energy centres of a living cell. Increasing the concentration of Ca^{2+} causes the formation and activation of the active form of oxygen O_2^- in general, and not vice versa!

The production of the active form of oxygen O_2^- from neutrophils is beneficial for the body, since they are involved in autoimmune regulation. Recall that neutrophils are one of the types of leukocytes with granules inside the cytoplasm. Neutrophils are involved in the protective reactions of humans and vertebrates in infectious diseases.

The production of the active form of oxygen and the opsonic activity of blood serum are interconnected, which indicates the presence of a compensation mechanism to maintain homeostasis of the autoimmune system.

Therefore, laser light triggers a cascade of reactions in the blood and cells of the whole body, which results in the activation of all the processes that lead to the purification of the cells and recovery of the body.

Nevertheless, of course the increase of temperature by 1 °C cannot so significantly intensify all physicochemical processes at the molecular level. This can be done only by an intermediate between the first and second mechanism, or simply **intermediate mechanism**. My study [10] revealed the existence of a new physical field, an inerton field, which is a substructure of the quantum mechanical particle's wave ψ-function. Namely, the quantum mechanical particle's wave ψ-function is mapped to submicroscopic physics constructed in the real space as the particle surrounded with its inerton cloud. A portion of inertons, which carry fragments of mass, can release from the particle's inerton cloud at some fast non-adiabatic processes. This was confirmed by a number of experiments described in book [10]; in particular, the surface of a crystal irradiated by a laser beam emitted free inertons [25] and a 1% aqueous solution of plasma extracted from the blood of a patient reacted to a low intensive inerton field [26]. Moreover, emitted inertons significantly intensify the reaction of transesterification of free fatty acids [27]. This is because the excess mass brought by inertons promotes clustering of particles/molecules in the initially homogeneous liquid [10].

Thus, the above allows us to reasonably state that the **intermediate mechanism** of the influence of laser light on the living cells becomes the main mechanism in starting all reactions described in book [23]. Indeed the receptors of laser light, such as protein metal complexes located in membranes, subjected to periodic laser beam strikes, which knock out some inertons from the inerton clouds of metal ions (Fe^{2+}, Mg^{2+}, Cu^{2+}, Zn^{2+}, ...). Then these metal ions gradually return to the initial equilibrium state, absorbing inertons from the environment.

The synchronous impacts of photons on the named ions with a frequency of ~10^{14} Hz makes the appearance of collective oscillations between these ions being in the excited state owing to the overlapping of their inerton clouds, which can spread up to about 500 μm possible. The collective vibrational state of the excited ions gradually relaxes because the ions emit photons in the visible spectral range. But the relaxation of collective ion vibrations means pumping inertons into the immediate environment; in this area the aqueous solution changes its viscosity. Thus, an additional concentration of inertons appears locally, which violates the equilibrium in the medium in the direction of triggering the chemical reactions detected during laser irradiation of living matter [23]. All this is completely new and requires further detailed studies.

Hence the volume around the protein complex becomes saturated with inertons, which changes the strength of chemical bonds and this allows certain molecules to leave their partners and enter into new reactions typical of such molecules in other circumstances. Hence, not a gradient of 1 degree of temperature triggers a cascade of reactions caused by the movement of calcium ions, but the presence in this area of excess mass brought by inertons.

Incoherent light does not combine ions into a collective vibration mode and therefore there is no second mechanism, i.e. the cascade of successive chemical reactions described in reference [23].

Let us come back to laser therapy using the Helios. If the patient's blood artery is irradiated through the skin for 30 minutes, the lymphocyte concentration increases very remarkably. When the irradiation is conducted intravenously, the concentration of lymphocytes increases up to 200 times! First of all these are T-lymphocytes (T-killers, or T-cells). It is known that T-killers are the purifiers of the body of damaged and infected cells. After the laser irradiation, the blood is very actively saturated with oxygen in the lungs (even the sick lungs) and acquires a superfluid property. Red blood cells begin to be actively created. Blood stem cells (hematopoietic stem cells) are briskly being created in the peripheral blood and the bone marrow too. Lymphocytes produce hydrogen peroxide that kills viruses and bacteria, and also lymphocytes produce interferon. The larger the number of lymphocytes, the more agents they produce that kill the infection. All these processes trigger immune self-regulation of all the systems and the body begins to automatically return to a healthy life state on its own in a short time.

It is recommended for patients to use antioxidants during the time of laser therapy sessions to prevent the negative effects of the active form of oxygen, i.e. an oxidative stress, and the best antioxidant is HydridFortis described above or Flanagan's microhydrin.

One such Helios apparatus can serve at least about 10,000 people and a quarantine due to the coronavirus can therefore be avoided all around the world. One unit is able to serve 8 persons simultaneously. 10-20 minutes are enough per one session. A carrying capacity of the Helios is up to 500 patients per 24 hours. Typically a few sessions are enough to cure the patient, though probably pneumonia, tuberculosis, hepatitis, Ebola and similar prolonged infectious diseases will require a longer time to cure, but all will be done in the shortest term. Laser therapy using the Helios can treat: central and peripheral nervous system; circulatory system; respiratory system; digestive genitourinary system; musculoskeletal surgical pathology; ENT organs; dentistry; weaknesses of the mind associated with old age; dependencies; dermatology; cosmetology, etc.

Figs. 4 5 6 below**:** 2019, in Kyiv, we treated British businessman Peter A. Woolsey (78 years old). He was barely alive, came to us after a serious illness with Guillain-Barré syndrome (viral acute flaccid paralysis of all muscles of the body, which is one of the highest emergencies in neurology): "Peter Woolsey, from Binfield Heath, was paralysed in his legs and body in December last year and was diagnosed with Guillain-Barre Syndrome, or GBS. This is a rare but serious disorder in which the immune system attacks healthy nerve cells, leading to tiredness, weakness, numbness and, eventually, permanent paralysis" [28].

Figure-4. Session of laser therapy of Mr. Peter A. Woolsey

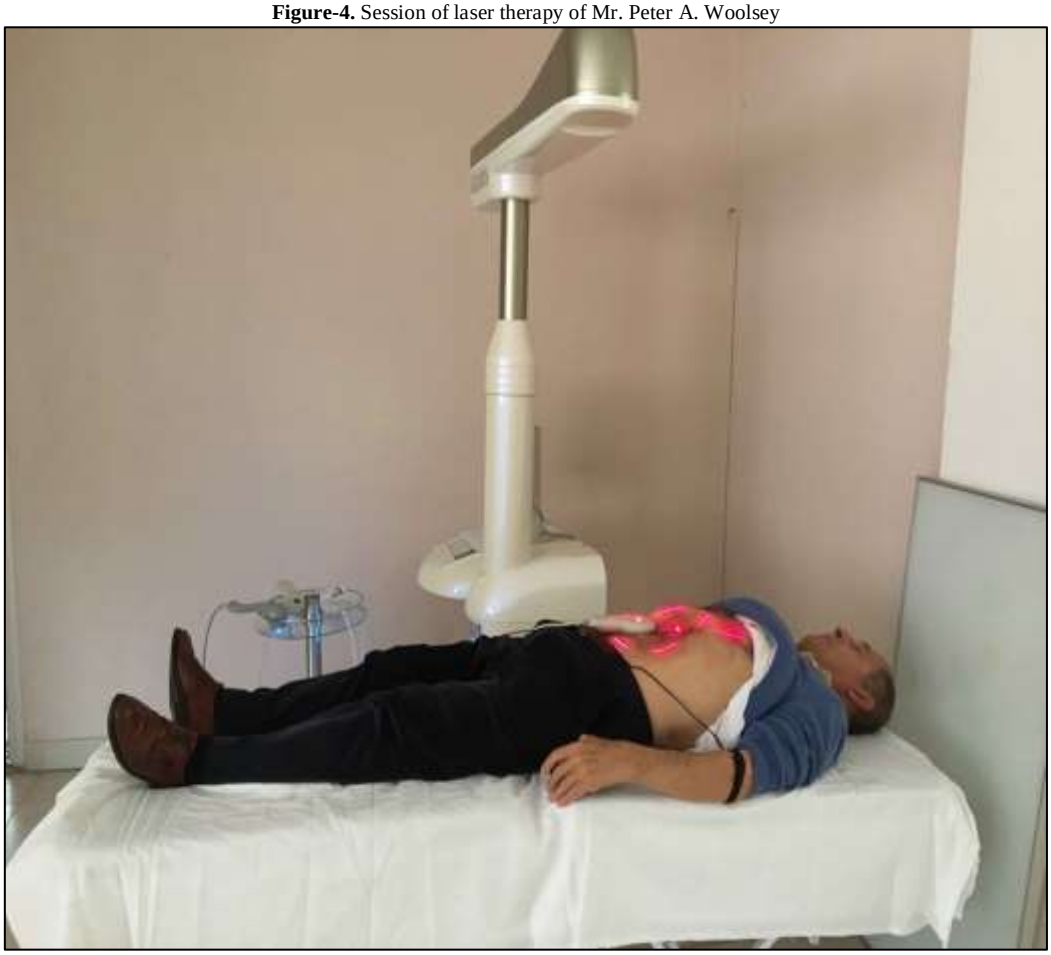

Figure-5. Session of laser therapy of Mr. P. A. Woolsey; some details

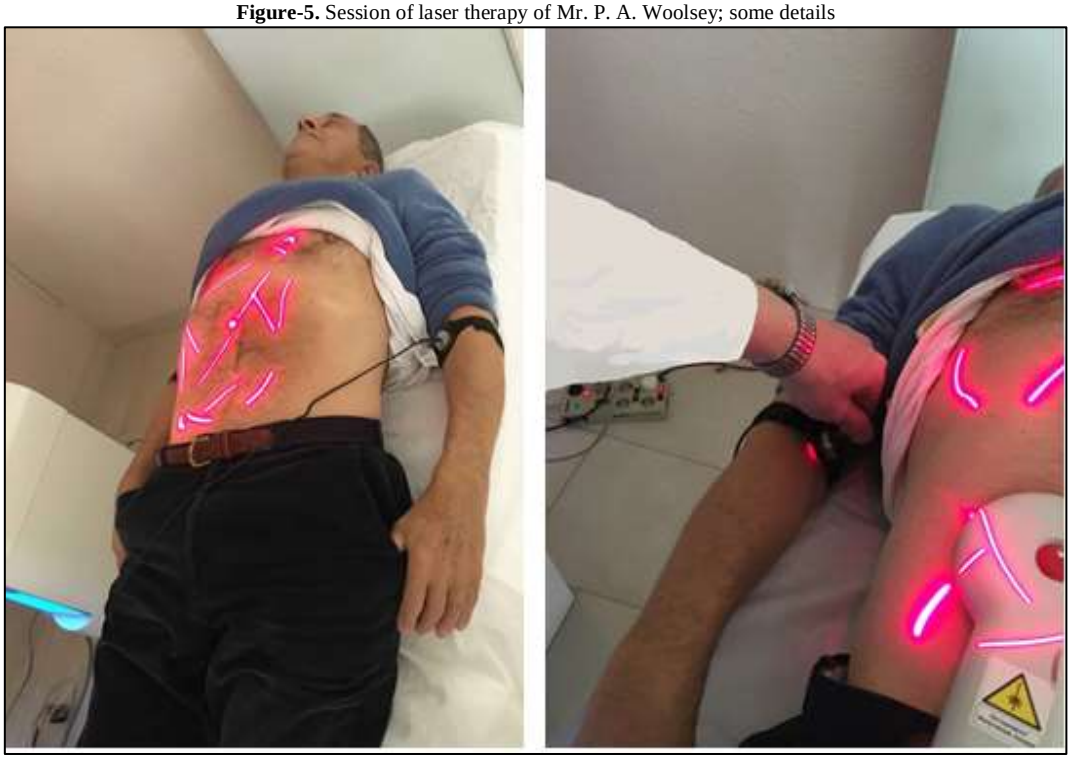

Figure-6. One month after our sessions, Peter A. Woolsey is water skiing

2.2.5. Some Opinions About the Helios Laser Therapy (from test reports, i.e. case studies)

I. S. Samosyuk (2006), Head, Professor, Cathedra of Medical Rehabilitation, P. L. Shupyk Physiotherapy and Balneology, National Medical Academy of Postgraduate Education, Ministry of Health of Ukraine: «Multifunctional laser therapeutic apparatus has proven to be a remedy for the reduction of pain in lumbargia and the phenomenon of myofascial pain, is reliable in operation and effective.»

N. I. Moiseeva (2005), Head of Physiotherapy, Clinical Hospital «Pheophania» The State Public Administration: «1496 patients were treated by the Multifunctional Laser Therapy Equipment. Particularly clear results of treatment are noted at: bladder inflammation; trophic ulcers; cold sores; acute toothache; periodontitis and angiopathy.»

T. I. Nikolaeva (2005), Doctor of the highest category, Head of the Physiotherapy Department, Clinical Hospital of the Main Department of Internal Affairs of Moscow: «503 patients were treated. Multifunctional laser therapeutic

equipment for the following diseases have shown high clinical efficacy: diseases of the musculoskeletal system; acute and chronic lung diseases; peptic ulcer of the stomach and duodenum; diseases of the peripheral nervous system; long wounds, which do not heal; diseases of the female genital area; exacerbation of chronic prostatitis and cystitis; cardiovascular diseases; astheno-neurotic conditions; chlamydial infections. The apparatus is of considerable interest especially for large medical clinics.»

A. A. Sukhonyuk (1998), doctor, The Central District Polyclinic of the Desnyanskiy District of Kyiv: «Laser radiation has an adaptive effect on connective tissue: improves hemodynamics; blood and lymph formation; changes the rheological properties of tissue fluids and thus significantly increases the intensity of metabolic processes; stimulates receptors that promote the production of biologically active substances, and therefore stimulates all levels of immunity at the cellular level; increases the elasticity of connective tissues, unblocks nerve fibres, stimulates repair and regenerative processes, and corrects disorders.»

I. P. Binko (1999), Head of Division, The Central District Polyclinic of the Desnyanskiy District of Kyiv: «The multifunctional laser therapeutic unit in operation has shown its high cost-effectiveness, high quality of medical services, ease of use and reliability.»

3. Discussion and Conclusion

The approaches to treat patients described in this article represent natural scientific medical approaches of the future; the approaches taken together represent the most powerful healing ability. But the problem is how to launch such medicine widely instead of outdated pharmacological insanity? In fact, the present healthcare model failed to set a reliable barrier to stop the coronavirus, and as the result we arrived at a severe global crisis. Moreover, in the framework of the present healthcare model, we expect a further increase in the number of patients with diseases such as dementia, Alzheimer's, cancer, diabetes and others without significant hopes for a possible cure. There are predictions with regard to the development of the epidemic of Alzheimer's disease in populations and also economic models related to the treatment and care of those afflicted by the disease. The estimated costs of long-term care for Alzheimer's disease in the EU is €200-400 billion per year in the years up to 2080 [29] and in the USA up to $1,2 trillion in 2050 [30].

However, the natural scientific approaches of treatment considered here may make it possible to cure patients even with such diseases as dementia, Alzheimer's, cancer, diabetes, etc. including a number of infectious diseases too. In particular, within Information Therapy [20], a special programme entitled "The anti-gerontin informative therapeutic codes for the elderly with many typical symptoms that usually accompany older people" was developed about two years ago. 15 patients felt much better after a two-month course of treatment (one of them was even returned from a dying state to a full life).

The mentioned approaches have to be studied at medical colleges, such that graduated physicians and nurses understand the main physical, biophysical and biochemical processes, which occur at the use of Information Therapy [20], laser therapy and water with hydrides. They also should be aware of water procedures and breathing exercises because such methods are very helpful at complicated pneumonia, tuberculosis and similar infectious diseases. Here is the real fact that sounds like a tale [31]: During 1882–1905 the Muscovite revolutionary Nikolai Morozov was imprisoned and typically for those time when in prison he became ill on tuberculosis in open form. In the cell with him were simialar patients and many died directly in prison. He was coughing up blood. But he decided not to cough and began to hold /curb the cough. And he healed himself in prison (at bad conditions: a low temperature, high humidity, nasty food) and released healthy. He later studied mathematics on his own and published several books on differential equations. He is best known for having initiated the history revision – dates and events. Nikolai Morozov died at the age of 92.

If the natural approaches are used and laser apparatuses are extensively installed, then the money the population spends for pharmacological drugs today will be reduced perhaps 100 times. In particular, there will be no need to consume antibiotics that need up to 840 days to be eliminated from the body (meanwhile suppressing the work of the liver, intestines, lungs, brain and other organs), and once released into the environment they represent persistent organic pollutants. Besides, the need for extremely harmful vaccinations leading to severe immunological diseases, especially in children, can be eliminated.

In addition to the fact that doctors are still unaware of these natural scientific approaches, they are also unknown to politicians who shape medical policy in their countries. It seems these approaches directly point to the need for a profound reform of the medical sector and the healthcare system in general.

Who can help us start moving to the medicine of the future? Geographically restricted communities, which are run by wise leaders with sufficiently broad backgrounds and who understand the nature of things could afford to do this.

My colleagues and I will be glad to assist doctors, clinics, medical schools, community leaders, health ministers and governments, to start to cure patients using natural scientific methods briefly outlined in this article.

References

[1] Linton, O. W. and Mettler, J. F. A., 2003. "National conference on dose reduction in CT, with an emphasis on pediatric patients." *AJR Am. J. Roentgenol,* vol. 181, pp. 321–329.

[2] The top 5 ways medical physics has changed health care, 2008. "Eurekalert! Science news." Available: https://www.eurekalert.org/pub_releases/2008-02/aiop-ttf022808.php

[3] German health insurers urged to end homeopathy refunds DW, 2019. Available: https://www.dw.com/en/german-health-insurers-urged-to-end-homeopathy-refunds/a-49546319

[4] Apanasenko, G. A., 2020. "Laws of thermodynamics and the strategy of healthcare." *Advanced Nursing and Patient care International J.*, vol. 3, pp. 1–4.

[5] Sivananda, S., 1957. *Yogic therapy or Yogic Way to Cure Diseases*. B. Saraswati, Kamakhya.

[6] Kneipp, S., 1893. *My hydrotherapy: Means for curing diseases and maintaining health, P*. Barsky Publisher, Kyiv; Muscovite translation from German.

[7] Kaminsky, W. B., 1906. *Friend of Health: Encyclopedia of Hygiene, Physico-Dietary (Physiatric) Use, T. G*. Kyiv: in Muscovite: Meinander Publisher.

[8] Nikolaev, S. Y. and Nilov, E. I., 1973. *Fasting for health*. Moscow; in Muscovite: Sovietskaya Rossiya.

[9] Luvsan, G., 1986. *Traditional and modern aspects of oriental reflexology*. Nauka, Moscow; in Muscovite.

[10] Krasnoholovets, V., 2017. *Structure of space and the submicroscopic deterministic concept of physics*. Oakville, Canada; Waretown, USA: Apple Academic Press.

[11] Mitchell, P., 1970. "Aspects of the chemiosmotic hypothesis." *Biochemical J.*, vol. 116, pp. 5–6.

[12] Bassham, J. A. and Lambers, H. *The process of photosynthesis: Carbon fixation and reduction*. Encyclopaedia Britannica.

[13] Farivar, S., Malekshahabi, T., and Shiari, R., 2014. "Biological effects of low level laser therapy." *J. Lasers Med. Sci.*, vol. 5, pp. 58–62.

[14] HydridFortis. "(in English) (in Ukrainian)." Available: http://hydridfortis-en.simdif.com http://hydridfortis.simdif.com

[15] Sato, Y., Kajiyama, S., Amano, A., Kondo, Y., Sasaki, T., Handa, S., Takahashi, R., Fukui, M., Hasegawa, G., *et al.*, 2008. "Hydrogen-rich pure water prevents superoxide formation in brain slices of vitamin C-depleted SMP30/GNL knockout mice." *Biochem Biophys Res. Commun*, vol. 375, pp. 346–350.

[16] Oliveira, A., 2016. "Electroacupuncture according to Voll: historical background and literature review." *J. Acupuncture and Oriental Medicine*, vol. 3, pp. 5–10. Available: https://www.researchgate.net/publication/290437736_Electroacupuncture_According_to_Voll_Historical_Background_and_Literature_Review

[17] Skrypnyuk, Z. D., 1994. *Information and negentropic therapy, Information and negentropic therapy*. Kyiv, in Muscovite: Ed.: Z. D. Skrypniuk. pp. 4-8.

[18] Skrypnyuk, Z. D., 1994. *Basic concepts of traditional Chinese medicine from the point of view of an informotherapist, Information and negentropic therapy*. Kyiv in Muscovite: Ed.: Z. D. Skripniuk. pp. 19–24.

[19] Fedorivskyi, V. M. and Skrypniuk, Z. D., 2014. "*Comparative characteristics of the action of the micro generator "BEST" and its electronic version*." In Information and Negentropic Therapy. Ed.: Z.D. Skrypniuk, Kyiv. pp. 115–139.

[20] Information Therapy. Available: https://inform-therapy.webnode.com.ua https://informterapia.webnode.com.ua

[21] Zheng, J. M. and Pollack, G. H., 2003. "Long range forces extending from polymer surfaces." *Phys. Rev. E.*, vol. 68, p. 031408.

[22] Zabulonov, Y., Vladimirov, A., Chukhraiev, N., Elmehsenavi, Y. A. S., and Zukow, W., 2016. *Multifunction laser systems in clinical and resort practice*. Shupyk National Medical Academy of Postgraduate Education and Ukrainian Society of Physical and Rehabilitation Medicine: Kyiv.

[23] Moskvin, S. V., 2014. *The effectiveness of laser therapy*. Moscow–Tver; in Muscovite: Triad Publishing House.

[24] Enwemeka, C. S., Bumah, V. V., and Santos, M.-M. D., 2020. "Light as a potential treatment for pandemic coronavirus infections: a perspective." *J. Photochem. Photobiol. B.*, vol. 207, p. 111891.

[25] Krasnoholovets, V., Kukhtarev, N., and Kukhtareva, T., 2006. "Heavy electrons: Electron droplets generated by photogalvanic and pyroelectric effects." *Int. J. Modern Phys. B.*, vol. 20, pp. 2323-2337.

[26] Andreev, E., Dovbeshko, G., and Krasnoholovets, V., 2007. "The study of influence of the Teslar technology on aqueous solution of some biomolecules." *Research Lett. in Phys. Chemistry*, vol. 2007, p. 1204.6062.

[27] Litinas, A., Geivanidis, S., Faliakis, A., Courouclis, Y., Samaras, Z., Keder, A., Krasnoholovets, V., Gandzha, I., Zabulonov, Y., *et al.*, 2020. "Biodiesel production from a high FFA feedstock with a chemical multifunctional process intensifier." *Biofuel Research J.*, vol. 7, pp. 1143–1177.

[28] I've monoskied at age 78, 2019. *Henley standard*, Available: https://www.henleystandard.co.uk/news/diary/144746/ive-monoskied-at-age-78.html

[29] Cimler, R., Maresova, P., Kuhnova, J., and Kuca, K., 2019. "Predictions of Alzheimer's disease treatment and care costs in European countries." *PLoS One*, vol. 14, p. e0210958.

[30] Khan, T. K., 2016. *Biomarkers in Alzheimer's disease*. Academic Press, p. 19.

[31] Morozov, N. Available: https://ru.wikipedia.org/wiki/Морозов,_Николай_Александрович_(1854)#cite_note-8