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# A Short Remark on Multipurpose Laser Therapy “Helios” in Ukraine and its Potential Application for Treatment of Neurology Disorders

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**Received:** April 26, 2020; **Published:** June 30, 2020

### Abstract

Low-level laser therapy or sometimes called biophotomodulation has been known for long time for medicine applications. However, a truly multipurpose laser therapy method is very rarely available. Here we introduce a multipurpose laser therapy device in Ukraine, which is capable to take care a multitude of diseases. It is called “*Helios*”, by one of us (VK). We also give a case where a patient who suffered from Covid-19 has been treated successfully until he is recovered to healthy condition. In the last section we also discuss potential future application of *Helios* for other fields, i.e. neurology disorders.

**Keywords:** Low-Level Laser Therapy; *Helios*; Neurology Disorders

### Introduction

From time to time, it is often found useful to come up with a new approach in medicine technologies, in order to seek a new insight from where we can develop and take further steps.

Low-level laser therapy or sometimes called biophotomodulation has been known for long time for medicine applications. However, a truly multipurpose laser therapy method is very rarely available. Here we introduce a multipurpose laser therapy device in Ukraine, which is capable to take care a multitude of diseases. It is called “*Helios*”. We also give a case where a patient suffers from Covid-19 has been treated successfully until he is recovered to healthy condition.

We will start with a simplified description of *Helios* as multipurpose laser treatment device.

### Simplified description of *Helios* device

As one of us, Krasnoholovets told a physicist in New York, his laser treatment invention, “*Helios*”, can cure a huge number of illnesses. This apparatus is absolutely unique especially owing to its productivity - up to 500 people per 24 hours.

The following is a message by VK, the inventor of *Helios*, as his own words: “In a last couple of days I sent off about 70 messages to different clinics here in Ukraine - nobody replied. I called the director of the Institute of Epidemiology and Infectious Diseases and then sent a message. The director said that he printed my materials and gave to his colleagues, they would consider. But when? -- In my

**Citation:** Dr. Victor Christianto., et al. “A Short Remark on Multipurpose Laser Therapy “*Helios*” in Ukraine and its Potential Application for Treatment of Neurology Disorders”. EC Neurology SI.02 (2020): 20-25.

country all is doing slowly and usually people do not have interest to any new ideas, methods etc. Western Europe also gradually is approaching to a similar tendency. Here is a good example. My partner from Brussels (we have tried to develop different technologies) had a talk at the European Parliament about 15 years ago. He told that Europe should start a program to support small companies that wish to work in the energy sector (grants, cheap credits, developments of new technologies, etc.). Up to now no one company like those were created. 4 years ago my partner was invited to the USA - Florida and 4 other nearest states carried out a conference. At the conference he leaned that in these 5 states during last 10 years there were founded 40 thousands new companies that work in the energy sector.

These bad tendencies gradually touch the USA as well. The world changed dramatically after the collapse of the USSR and the appearance of the internet and mobile connection. People stopped to believe and trust because of the internet and its ocean of free information, spam and rogues. Besides, these new rules like the FDA and similar - they allow the prosperity of only big rich companies that can wait 2 - 4 years before they come to the market.

So, it seems here in Kyiv our team that has two *Helios* lasers, will not be allowed to patients who are infected with the coronaviruses.... The point is that this natural approach is able to very positively influence not only medicine but the whole people community. People have to look at themselves from the natural analytical point of view (not digital!) - all things are mutually connected.

There are a lot of different viruses and one should not concentrate only on the COVID-19. The *Helios* laser does not kill microorganism/virus at all. Our body is able to do this because its cleaners T-cells are universal. But when the body is attacked with infection, the body may not produce the needed value of T-cells owing to a number of reasons. The *Helios* laser helps the body to produce these T-cells (T-lymphocytes) and the T-cells being in a quantity several tens of times large than in the normal state will clean all the cells of the body like a vacuum cleaner. Additional positive functions of the *Helios*: red cells of the blood are also beginning to build up, and also the blood is saturated with oxygen (even in the unfunctional lungs) and the blood acquires properties of superfluidity.

Regarding the so called “Case Studies”. Of course we have them in a quantity of about 150. Without such studies it was impossible to obtain a certificate that allows the apparatus to be used in medical practice. The *Helios* was certified in Ukraine, Belarus and Russia. I have here in my computer some copies of certificates and can send them to you (they in Ukrainian, but I can type the translation if the interest will be met from somebody with medical orientation”).

An example of *Helios* treatment for Guillain-Barre syndrome

One of his client was from Brussels and he was going home from a clinic last month - he was diagnosed with COVID-19 and had a 4 days a pneumonia and they used for 4 days the apparatus of artificial breathing. After several days of treatment with *Helios* laser method, he returned home fully recovered.

See the following figure 1-5. In Kyiv, VK treated an English businessman, Peter A. Wollsey (78 y.o.), who was barely alive when he arrived in Kyiv because he had just suffered from Guillain-Barré syndrome (a muscle paralysis of a viral or immune origin).



Figure 1: *Helios* apparatus.



**Figure 2:** A patient was being treated with Helios. Professor Yuri Zabulonov, physicist, the inventor of Helios, was sitting at the Helios computer.



**Figure 3:** A patient under laser treatment.



**Figure 4:** A patient is being treated.



**Figure 5:** A side view of Helios treating a patient.

Figure 6 shows a month later after a few sessions of the *Helios* laser therapy Peter A. Woolsey is water skiing.



**Figure 6:** The patient from Belgium has been fully recovered, and he is able to skiing on water.

### Prospect of *Helios* application for neurology disorder treatment

Now, having discussed a bit on two case examples: patients with Covid-19 and Guillain Barre syndrome, in this section we will discuss potential future application in treatment of neurology disorders.

What is photobiomodulation (PBM)?

Photobiomodulation (PBM) is an innovative way to stimulate neuronal activity and improve neurological and psychological conditions. This term describes the use of Red and Near Infrared light to relieve inflammation and pain and tissue death. The neural tissues are exposed to Low Flow Light (LFL) with wavelengths that range from 60 to 100 nanometers (nm), depending on the method of treatment to be used [1].

A pilot study on the use of Photobiomodulation has been reported in [2] and also [3-5].

In reference [2], the authors report which can be paraphrased as follows: “the apparent upgrades in regular day to day existence. 29 Italian patients experienced NIR incitement treatment for 1-month and were tried when this incitement period so as to survey whether there will be a distinction in their impression of subjective disappointments that happen in regular daily existence dependent on the Cognitive Self-Assessment Questionnaire. In spite of the fact that the example is little, the information gathered show that there is an improvement in the apparent personal satisfaction in each neurotic gathering considered”.

In reference [3], the authors report deep tissue laser therapy treatment which can be paraphrased as follows: “The impacts of profound tissue laser treatment (DTLT) were surveyed in a randomized, twofold veiled, trick controlled, interventional preliminary. Forty members were randomized (1:1) to get either DTLT or hoax laser treatment (SLT). Notwithstanding the standard-of-care treatment, members got either DTLT or SLT twice week by week for 4weeks and afterward once week by week for 8weeks (a 12-week mediation period). The two medicines were indistinguishable, then again, actually laser discharge was handicapped during SLT. Appraisals for torment, usefulness, serum levels of fiery biomarkers, and personal satisfaction (QOL) were performed at gauge and after the 12-week intercession period. The outcomes from the two medicines were looked at utilizing ANOVA in a pre-test-post-test structure”.

And so on....

All in all, these results seem to suggest that there is bright future for potential treatment of various neurologic disorder using laser therapy. See also [6,7].

## Concluding Remark

Despite a kind of theoretical work is quite in lacking, what we describe above is hopefully quite stimulating for future investigation. We also discuss some results which seem to suggest that there is bright future for potential treatment of various neurologic disorder using laser therapy.

Version 1.1: 14 april 2020, pk. 6:12

VK, VC, FS, RV, THL.

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