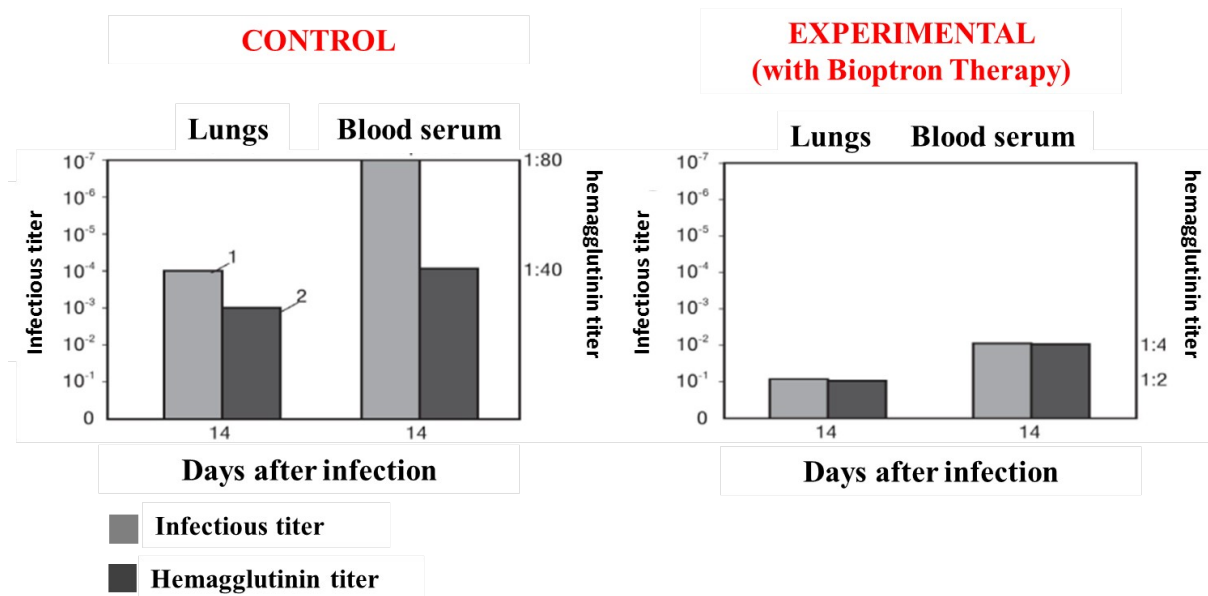


Biopton Hyperlight therapy reinforces the immune system, increases the capacity to fight against disease and accelerates recovery. This scientific study proves the beneficial use of Biopton devices to resist viral infections, and, more specifically, the influenza virus. The reinforcement of the immune system allows the organism to decrease the capacity of the virus to infect and spread into tissues, improving the survival rate and the recovery process.

Hemagglutinin and infectious titer in lungs and blood serum of animals infected by Influenza virus H1/N1



In an experimental setup, mice were infected with influenza virus H1N1 AP/R/8/34 (the flu virus) in different doses (lethal and sublethal) (ref. Anthology, 2002). Half of them were used as the control group (infected with the virus) and the other half was treated with Biopton twice a day for 11 days. The researchers measured the survival rate of the mice, the hemagglutinin levels (virus protein implicated in the fusion of viral particles with cells) and the infectious titer in the lungs and the blood serum of both groups of mice.

First conclusion of these studies is that 0% of the mice infected with the lethal dose of virus survived, but in the mice infected with the same dose and treated with Biopton the survival rate was 20%. The same effect was reported in the mice with sublethal dose: without Biopton, the survival was 50%, and with Biopton, the survival was 80%.

The scientists discovered that 14 days after infection, the lungs and the blood of the animals not treated with Biopton were very affected by the viral infection - with high levels of hemagglutinin and high infection rate, which indicate high viral propagation in mice tissues. On the contrary, the mice treated with Biopton showed four times less hemagglutinin levels in the lungs and blood, and the infection rate was reduced more than 20 times. The decreased levels of the virus show that its reproduction was suppressed under the influence of Biopton Hyperlight Therapy. This result shows an increase in the survival index of tested animals. Mice treated with Biopton were capable of fighting and controlling the influenza virus infection more effectively.

Conclusion. Treatment with Bioptron Hyperlight Therapy leads to the restoration of the protective activity of the blood. This impairs the reproduction of the virus and the viral infection of cells, thus increasing the survival of animals.

REFERENCE:

Divocha V.A., Mikelashvili M.T., Kosteva T.K. (2002) A study of the effects of polarized light generated by Bioptron device on lethal virus infection. Odessa State Medical University. Anthology of Light Therapy. Gulyar Sergiy. 2009