Hemealumen: Is This the Future of Chronic Illness Therapy? Transcript

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Introduction to Hemalumen

If you have chronic fatigue, persistent If you have chronic fatigue, persistent infections, long COVID, Lyme disease, or infections, long COVID, Lyme disease, or inflammation that just won't resolve, inflammation that just won't resolve, and you've tried medications, and you've tried medications, supplements, and even advanced therapies supplements, and even advanced therapies with only partial results, there's a with only partial results, there's a reason. Most treatments focus on one reason. Most treatments focus on one pathway at a time in a body that's pathway at a time in a body that's struggling at a systems level. Today, I struggling at a systems level. Today, I want to show you how one advanced want to show you how one advanced therapy combines ozone, light, therapy combines ozone, light, frequency, and mitochondrial activation frequency, and mitochondrial activation into one single platform, and why this into one single platform, and why this approach may matter when nothing else approach may matter when nothing else has fully worked. If we haven't met yet, has fully worked. If we haven't met yet, my name is Dr. Fred Bloom. I'm a my name is Dr. Fred Bloom. I'm a holistic, integrative, and regenerative holistic, integrative, and regenerative physician, and I work with patients who physician, and I work with patients who are dealing with complex chronic are dealing with complex chronic conditions, often after they've tried conditions, often after they've tried many other approaches without lasting many other approaches without lasting results. On this channel, I break down results. On this channel, I break down advanced therapies like this one in a advanced therapies like this one in a clear, grounded way, so you can clear, grounded way, so you can understand why they're used, how they understand why they're used, how they work, and who they may actually be right work, and who they may actually be right for. If that sounds helpful, please like for. If that sounds helpful, please like this video, subscribe to the channel, this video, subscribe to the channel, and turn on notifications so you don't and turn on notifications so you don't miss future episodes. And if you'd like miss future episodes. And if you'd like deeper explanations, case discussions, deeper explanations, case discussions, and updates on new therapies, you can and updates on new therapies, you can also subscribe to my newsletter. The also subscribe to my newsletter. The link is below. Now, let's get into the link is below.

How Hemalumen Combines Three Therapies

Now, let's get into the details. The therapy I'm talking about details. The therapy I'm talking about today is called Hemalumen. The easiest today is called Hemalumen. The easiest way to understand Hemalumen is this.

way to understand Hemalumen is this. It's like having three powerful It's like having three powerful therapies in one system, working therapies in one system, working together at the same time. First, it together at the same time. First, it delivers six high-energy light sources, delivers six high-energy light sources, each with known biological effects.

each with known biological effects. Second, it uses targeted pulse Second, it uses targeted pulse frequencies selected based on tissues, frequencies selected based on tissues, organs, pathogens, and treatment goals.

organs, pathogens, and treatment goals. And third, it includes external red and And third, it includes external red and infrared light pads, which further infrared light pads, which further support circulation, mitochondrial support circulation, mitochondrial function, and nervous system regulation.

function, and nervous system regulation. Instead of using ozone alone, you're Instead of using ozone alone, you're layering multiple biological signals layering multiple biological signals together. During a session, an IV line together. During a session, an IV line is placed, and a portion of your blood, is placed, and a portion of your blood, typically 5% or less, depending on the typically 5% or less, depending on the ozone method, is passed through a ozone method, is passed through a specialized cartridge called the Trivet.

specialized cartridge called the Trivet. The Trivet is a triple quartz tube The Trivet is a triple quartz tube design that increases blood exposure design that increases blood exposure time by roughly 600% time by roughly 600%

compared to older light-based devices.

compared to older light-based devices. As blood flows through the Trivet, it's As blood flows through the Trivet, it's exposed to six independently controlled exposed to six independently controlled light sources. Those wavelengths are light sources. Those wavelengths are ultraviolet A, ultraviolet C, red, ultraviolet A, ultraviolet C, red, infrared, violet, and green. After that, infrared, violet, and green. After that, specific pulse frequencies are selected, specific pulse frequencies are selected, and red and infrared light pads are and red and infrared light pads are placed on the body, often on the wrists placed on the body, often on the wrists and abdomen. Treatment length depends on and abdomen. Treatment length depends on the ozone method. About 30 to 60 minutes the ozone method.

What the Light Wavelengths Do

About 30 to 60 minutes for standard IV ozone major for standard IV ozone major autohemotherapy, around 60 to 120 autohemotherapy, around 60 to 120 minutes for multipass ozone, and 60 minutes for multipass ozone, and 60 minutes for EBOO. Now, let's talk about minutes for EBOO. Now, let's talk about what these wavelengths actually do, what these wavelengths actually do, because this is where the biology because this is where the biology matters. Each wavelength interacts with matters. Each wavelength interacts with the body differently. This is not one the body differently. This is not one light doing everything. Red light, light doing everything. Red light, around 625 to 650 nanometers, supports around 625 to 650 nanometers, supports DNA signaling and activates antioxidant DNA signaling and activates antioxidant enzymes like superoxide dismutase and enzymes like superoxide dismutase and catalase. It improves mitochondrial catalase. It improves mitochondrial energy production, enhances blood flow, energy production, enhances blood flow, reduces inflammation, and activates reduces inflammation, and activates immune cells such as T cells and immune cells such as T cells and macrophages. It also helps reduce macrophages. It also helps reduce excessive platelet aggregation. Infrared excessive platelet aggregation. Infrared light, around 810 nanometers, acts light, around 810 nanometers, acts deeply at the mitochondrial level. It deeply at the mitochondrial level. It stimulates nitric oxide release from stimulates nitric oxide release from cytochrome C oxidase, leading to cytochrome C oxidase, leading to vasodilation, better oxygen delivery, vasodilation, better oxygen delivery, and increased ATP production. This is and increased ATP production. This is especially helpful when fatigue and low especially helpful when fatigue and low energy dominate. Green light, around 525 energy dominate. Green light, around 525 nanometers, has strong anti-inflammatory nanometers, has strong anti-inflammatory effects. It improves circulation by effects. It improves circulation by increasing blood cell flexibility, increasing blood cell flexibility, reducing viscosity and clumping, and reducing viscosity and clumping, and improving oxygen uptake. It also improving oxygen uptake. It also supports ATP production. Violet light, supports ATP production. Violet light, around 430 nanometers, is strongly around 430 nanometers, is strongly absorbed by hemoglobin. It helps dilate absorbed by hemoglobin. It helps dilate blood vessels, reduce inflammation, and blood vessels, reduce inflammation, and improve oxygen and nutrient delivery to improve oxygen and nutrient delivery to tissues. Ultraviolet A, typically 340 to tissues. Ultraviolet A, typically 340 to 365 nanometers, supports oxygen 365 nanometers, supports oxygen absorption into tissues, improves absorption into tissues, improves circulation, reduces platelet circulation, reduces platelet aggregation, supports detoxification aggregation, supports detoxification pathways, and stimulates NADH and NAD+ pathways, and stimulates NADH and NAD+ production. These molecules are production. These molecules are fundamental to energy metabolism and fundamental to energy metabolism and immune function. Ultraviolet C, at 253.7 immune function. Ultraviolet C, at 253.7 nanometers, is broadly germicidal. It nanometers, is broadly germicidal. It inactivates bacteria, viruses, and fungi inactivates bacteria, viruses, and fungi by disrupting their DNA and RNA. When by disrupting their DNA and RNA. When used extracorporeally in controlled used extracorporeally in controlled systems, this can occur without damaging systems, this can occur without damaging host blood cells. UVC also stimulates host blood cells.

Conditions Hemalumen May Support

UVC also stimulates NAD+ production, supporting immune NAD+ production, supporting immune resilience and energy. IV ozone therapy resilience and energy. IV ozone therapy already improves oxygen utilization, already improves oxygen utilization, immune signaling, and detoxification.

immune signaling, and detoxification. Hemalumen adds additional layers. It Hemalumen adds additional layers. It enhances antimicrobial and antiviral enhances antimicrobial and antiviral effects. It improves oxygen delivery by

effects. It improves oxygen delivery by activating the 2,3-DPG enzyme system, activating the 2,3-DPG enzyme system, helping oxygen release from hemoglobin.

helping oxygen release from hemoglobin. It boosts energy by supporting NAD+ and It boosts energy by supporting NAD+ and mitochondrial function. It stimulates mitochondrial function. It stimulates lymphatic flow and detoxification by lymphatic flow and detoxification by restoring healthy blood particle restoring healthy blood particle movement. It strengthens immune balance movement. It strengthens immune balance by activating natural killer cells, by activating natural killer cells, neutrophils, and macrophages while neutrophils, and macrophages while helping regulate cytokine production.

helping regulate cytokine production. There is also interest in its ability to There is also interest in its ability to dismantle nagalase, a protein produced dismantle nagalase, a protein produced by cancer cells, viruses, and some by cancer cells, viruses, and some bacteria that interferes with immune bacteria that interferes with immune activation.

activation. activation. Because of these combined mechanisms, Because of these combined mechanisms, Hemalumen is being explored for a wide Hemalumen is being explored for a wide range of conditions. Bacterial range of conditions. Bacterial infections such as Lyme disease, MRSA, infections such as Lyme disease, MRSA, pneumonia, tuberculosis, and chronic pneumonia, tuberculosis, and chronic sinusitis. Viral infections including sinusitis. Viral infections including COVID-19, Epstein-Barr virus, herpes COVID-19, Epstein-Barr virus, herpes viruses, shingles, hepatitis, and viruses, shingles, hepatitis, and chronic viral fatigue. Fungal and chronic viral fatigue. Fungal and mold-related illness. Parasitic mold-related illness. Parasitic infections. Autoimmune and inflammatory infections. Autoimmune and inflammatory conditions like rheumatoid arthritis, conditions like rheumatoid arthritis, multiple sclerosis, lupus, psoriasis, multiple sclerosis, lupus, psoriasis, and inflammatory bowel disease.

and inflammatory bowel disease. Neurological and cognitive conditions Neurological and cognitive conditions including migraines, neuropathy, and including migraines, neuropathy, and cognitive decline. Cardiovascular and cognitive decline. Cardiovascular and metabolic disorders. Chronic fatigue metabolic disorders. Chronic fatigue syndrome and mitochondrial dysfunction.

syndrome and mitochondrial dysfunction. And as supportive care in oncology, And as supportive care in oncology, especially alongside photodynamic especially alongside photodynamic therapy and post-chemotherapy recovery.

therapy and post-chemotherapy recovery. This is not a standalone cure. It's a This is not a standalone cure. It's a systems-level support tool for complex systems-level support tool for complex illness. Finally, the pulsed frequency illness.

Pulsed Frequencies and Closing Questions

Finally, the pulsed frequency component. Hemalumen allows the component. Hemalumen allows the practitioner to select specific pulse practitioner to select specific pulse frequencies conceptually similar to frequencies conceptually similar to rife-based systems. These frequencies rife-based systems. These frequencies are used to support immune activation, are used to support immune activation, detoxification, circulation, and healing detoxification, circulation, and healing speed. They are supportive and speed. They are supportive and modulatory, not magical. Before we wrap modulatory, not magical. Before we wrap up, I'd really like to hear from you.

up, I'd really like to hear from you. Had you heard of Hemalumen or Had you heard of Hemalumen or polychromatic blood light therapy before polychromatic blood light therapy before today? If you're dealing with chronic today? If you're dealing with chronic illness, does a systems-level approach illness, does a systems-level approach like this make sense to you? Which part like this make sense to you? Which part would you like me to explain next? The would you like me to explain next? The ozone component, the light biology, or ozone component, the light biology, or how this compares to EBOO? And finally, how this compares to EBOO? And finally, what condition are you most curious what condition are you most curious about when it comes to therapies like about when it comes to therapies like this? Leave your questions in the this? Leave your questions in the comments. I read them all. If this

video comments. I read them all. If this video helped clarify things, please like it, helped clarify things, please like it, subscribe to the channel, and share it subscribe to the channel, and share it with someone who's still searching for with someone who's still searching for