How is BioPhotonic Therapy Performed?

BioPhotonic therapy is generally a quick, simple procedure. It is performed by drawing 40ccs of blood from the patient using a butterfly needle and syringe.

Saline and heparin are then combined with the blood. The blood is fed through an IV tube connected to the needle in the patient's arm, which runs past the UV light.

The blood re-enters the patient through the same butterfly needle used to draw it originally.

Contact Us

Our Address:
2595 Canyon Blvd STE 220
Boulder, CO 80302

Office Hours:
Mon: 9:00 am to 7:00 pm
Tues-Thurs: 9:00 am to 6:00 pm

Phone:
303-722-9000

Email:
contact@drmarylouder.com

Website:
www.drmarylouder.com

About Mary Louder, DO:

Mary Louder, DO practices a holistic approach to healing-oriented medicine that takes account of the whole person, including all aspects of lifestyle. She is board certified in both Family Medicine and Integrative Holistic Medicine.

cairn
Restoring the heart & soul in medicine

cairn
Restoring the heart & soul in medicine

Biophotonic Therapy

An Introduction

What is Biophotonic Therapy?

BioPhotonic therapy, also known as Ultraviolet Blood Irradiation, is a treatment in which a small amount of blood is drawn from the patient, combined with heparin and saline, exposed to UV light and allowed to flow back into the patient's body. BioPhotonic therapy has a number of benefits to the blood and immune system that can help treat a variety of conditions. It promotes healthy clotting, metabolism, and oxygen use in the blood. BioPhotonic therapy has minimal side effects, and is considered a very safe form of treatment.

Benefits of BioPhotonic Therapy

The benefits of BioPhotonic therapy are numerous. BioPhotonic therapy balances the immune system and makes it more effective, reduces inflammation, and causes positive changes in the blood that promote healthy circulation, use of oxygen by the cells of the body, and increased production of red blood cells.

What conditions can be treated with BioPhotonic therapy?

BioPhotonic Therapy has been effective at treating a variety of conditions, including bacterial infections, viral infections, fungal infections, and autoimmune diseases. It is also used to treat chronic fatigue, certain forms of cancer, and tissue transplant rejection conditions.

How long have we known the benefits of ultraviolet light?

Ultraviolet light has been used to treat skin disorders for over 100 years. It has been used to successfully treat infection since 1933.

Why is Ultraviolet Light Effective?

Exposing the blood to Ultraviolet light has several effects. It increases the number of white blood cells and other helpful components of the blood. It also causes clotting changes in the blood, and lowers the viscosity of the blood. It improves oxygen utilization, by promoting the release of oxygen from the blood into the cells. It causes the pH of the blood to rise, improves glucose tolerance, and reduces cholesterol levels. It also increases the volume of circulation. UVB light also helps the immune system, increasing the ability of the blood to kill bacteria and neutralize other pathogens, and modulates the immune system overall. Finally, UVB light therapy also helps to reduce inflammation.

How Safe is BioPhotonic Therapy?

Biophotonic Therapy is very safe—side effects, when they occur, are generally very mild. The most common side effect observed with BioPhotonic therapy is flushing of the skin as a result of increased blood flow. Another, less common side effect is known as a "Herxheimer Response" and consists of mild flu-like symptoms due to a large number of pathogens dying off. Other possible risks include Phlebitis, infection at the site of the treatment, blood clots, and minimal to no improvement after the therapy is performed.

What patients should not be treated with BioPhotonic therapy?

BioPhotonic therapy is not recommended for patients who have a history of photosensitivity or who are taking sulfa drugs.

Patients should be sure to drink water before and after treatment, to help flush toxins released by this therapy from the body.