

Younger Looking Skin & Improved Complexion Can Be Yours with Red Light Therapy

What causes aging? The aging of human skin is affected by numerous factors. As a result of internal and external factors, the skin changes constantly from infancy to adulthood. Structural and functional changes occur within the dermis layer. The dermis layer is the supporting layer and the epidermis is the outer visible layer of skin. The skin's metabolism and natural functions start declining from the age of 25. Aging means that the cells of our skin are unable to replenish themselves properly and over time the skin's natural protective external barrier to defend against bacteria is weakened. This results in dry complexion, wrinkles, sensitive skin and loss of skin elasticity. After the age of 45, the skin will start to become thinner – making it more vulnerable to damage caused by environmental factors. Research studies, many experts and dermatologists indicate that red light emitted by collagen lamps stimulates and activates the production of collagen and elastin. These are the main proteins that contribute to our skin's elasticity, texture, and tone.

What can I expect from the use of collagen fluorescent lamps? Based on research, collagen lamps may improve skin tone and texture, control pigmentation spots, help reduce pore size, encourage vibrant looking skin, and reduce the appearance of wrinkles. The red light also stimulates blood circulation and repairs elastin fibers within the tissue to help keep the skin firm.

Is red light safe? Using red light emitted from collagen lamps is one of the few methodologies that gently and harmlessly reduces the signs of aging. Red lamps are free from ultraviolet light and are considered pain free – no healing or downtime is involved. Invasive anti-aging procedures such as microdermabrasion, dermal fillers and other injections, chemical peels or laser resurfacing can have serious side effects. When using collagen fluorescent lamps, a physician should be consulted if light sensitive medication is prescribed or if the consumer suffers from increased sensitivity to light. Some people may also experience brief warmth (“glow”) following use of collagen lamps. Finally, as with all other technologies, collagen red light cannot be used indiscriminately with other products that may themselves cause side effects.

Are there any research studies regarding the use of collagen fluorescent lamps?

Yes. Please check our website www.collagen-lamps.com and read about Dr. Fiorenzo Angern's (Piano Hospital Biel, Switzerland) observational study.

Are there any precautions needed when using red light emitted from collagen lamps?

Special protective eyewear (Solar Eclipse Opaque Lenses) must be worn during red light therapy sessions in order to completely block the red light from entering your eyes. NOTE: Regular tanning bed goggles are not strong enough to block red light. The Solar Eclipse Opaque Lenses must be worn during each session in order to completely block the red light and prevent damage to your eyes.

People with the following conditions should avoid exposure to collagen red light devices:

- if you are photo-allergic or take medication or use cosmetics that may cause light sensitivity
- if you suffer from porphyria
- if you suffer from epilepsy
- if you take cortisone or steroid injections

Is IPL (Intense Pulsed Light) or Laser used in the same way as collagen lamps?

No. All of these technologies use "light" as the energy source, but the applications are highly different. IPL and Laser radiation therapies are considered as invasive treatments. Patients may suffer from swelling, bruising or long-term skin damage.

Does red light treat cellulite? No, there are no studies that suggest collagen fluorescent lamps treat cellulite.

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