

Defeating Diabetic Woes with Photizo

PHOTIZO
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LIGHT THERAPY



Defeating Diabetic Woes

If you suffer from diabetes, you will know that taking care of your wounds is of the utmost importance. In their 2016 global report, the World Health Organisation published figures which demonstrate that the number of adults with diabetes between 1980 and 2014 has almost quadrupled, going from 108 million in 1980 to 422 million in 2014. This significant increase is greatly due to increases in type 2 diabetes, also called adult-onset diabetes) and its associated risk factors, such as being overweight and obese.

The International Diabetes Federation (IDF) estimates that by 2040 there will be 642 million adults living with diabetes. Diabetic

patients can experience problems with poor circulation to the feet due to damage to the blood vessels. These problems increase the risk of ulcers, infections and amputations.

While some people with type 2 diabetes can control their blood sugar levels with lifestyle changes, some people may need to take medications or insulin therapy. Some medications cause serious side effects. Symptom management is required.

Which can Photizo Skincare help with?

Studies in the effects of red-light therapy show that it helps to increase blood flow in the area to which it is applied. This has profound implications when treating slow healing wounds such as diabetic ulcers which may affect approximately 15 percent of people with diabetes. Further studies in the field of the effect of infrared light therapy on chronic wound healing indicated that more than 70% of the wounds responded to the effect of infrared on the healing of wounds, especially diabetic ulcers.

In a paper which appeared in The Scientific World Journal, Volume 2014, Article ID 398412 – (<http://dx.doi.org/10.1155/2014/398412>), it was stated that “Phototherapy has been shown to be beneficial in treating diabetic ulcers which are unresponsive to conventional treatments”.

Photizo Skincare promotes the anti-inflammatory process, activates blood circulation, and realigns collagen fibres. It reduces scabbing and erythema, without promoting keloids.



How does Photizo Skincare work?

One of the beneficial characteristics of red and infrared light is that it has the ability to promote and enhance natural healing. The irradiation by red and infrared light triggers the natural repair mechanisms carried out by the body. Several of the mechanisms of action for red and infrared light therapy that work to alleviate pain and inflammation also play an important role in tissue healing.

Wound healing progresses through stages of inflammation, proliferation, remodelling and maturation. Light therapy has been demonstrated to impact each of these phases in beneficial ways. Light therapy can provide beneficial impacts in open surface wounds.