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&
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Pre-diabetes management in obese patients using 635 nm of Laser light to modify/correct the anticipated outcomes

Cold lasers have been used in weight management and body contouring for a many years, but as a modality, is often overlooked and misunderstood. Drawing on clinical evidence gathered over many years, it is possible to see how 635 nm laser can be used for the good of the patient and benefit or change their quality of life. A review and follow-up of 140 patients in a randomized double blind study investigating the efficacy of 635 nm lasers in the management of pre-diabetes patients, shows that 635 nm of light can reverse the anticipated clinical outcomes in 90% of patients reverse the anticipated clinical outcomes. The study presented here includes obese patients with pre-diabetes, aged between 40 and 65 year old. 50% of the patients received dietary advice and true laser and 50% received LED and dietary advice. This study represents a breakthrough in the treatment of pre-diabetes patients, using a modality usually used in the cosmetic industry. We have demonstrated in this study that laser can be an effective adjunct to conventional treatments in the obese pre-diabetes patient. 10% of the sham study patients as opposed to 90% of patients in the true laser group reduced their weight considerably over 10 weeks and 20 laser treatments and were no longer a diabetes risk (monitoring was advised).

Biography

Robert Sullivan is a progressive Podiatrist and Surgeon. He has demonstrated an ability to think outside the box when it comes to client care, which has led him to greatly expand his scope of practice through education and research. He is a widely published and sought after Guest Lecturer and Speaker around Europe and the US. His special interests include, Pain Management, Obesity and Diabetes Control using Laser Intervention, Biomechanics and Mycology. He has been at the forefront of research in cold lasers for nearly six years and his research includes, Onychomycosis, Diabetic Peripheral Neuropathy, and Obesity Management. He is currently researching the human papilloma virus and complex regional pain syndrome.

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