## Efficacy of Low-Level Laser Therapy for Body Contouring

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Citation Report

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Noninvasive Body Contouring with Radiofrequency, Ultrasound, Cryolipolysis, andÂLow-Level<br>LaserÂTherapy. Clinics in Plastic Surgery, 2011, 38, 503-520.                | 0.7 | 105       |
| 2  | Noninvasive Body Sculpting Technologies with an Emphasis on High-Intensity Focused Ultrasound.<br>Aesthetic Plastic Surgery, 2011, 35, 901-912.                           | 0.5 | 76        |
| 3  | Laser Acupuncture Reduces Body Fat in Obese Female Undergraduate Students. International Journal of Photoenergy, 2012, 2012, 1-4.   | 1.4 | 6         |
| 4  | Getting to the Bare Bones: A Comprehensive Update of Non-Invasive Treatments for Body Sculpting.<br>Current Dermatology Reports, 2013, 2, 144-149.                        | 1.1 | 8         |
| 5  | Low-level laser therapy (LLLT) combined with swimming training improved the lipid profile in rats fed with high-fat diet. Lasers in Medical Science, 2013, 28, 1271-1280. | 1.0 | 34        |
| 6  | Lowâ€level laser therapy for fat layer reduction: A comprehensive review. Lasers in Surgery and Medicine, 2013, 45, 349-357.  | 1.1 | 95        |
| 7  | Participatory Medicine: A Home Score for Streptococcal Pharyngitis. Annals of Internal Medicine, 2014, 160, 289.  | 2.0 | 1         |
| 8  | Low-level light therapy (LLLT) for cosmetics and dermatology. , 2014, , .   |     | 4         |
| 9  | Participatory Medicine: A Home Score for Streptococcal Pharyngitis. Annals of Internal Medicine, 2014, 160, 289.  | 2.0 | 0         |
| 10 | Treating metabolic syndrome's metaflammation with low level light therapy: preliminary results.<br>Proceedings of SPIE, 2014, , .   | 0.8 | 1         |
| 11 | Use of Transcutaneous Ultrasound for Lipolysis and Skin Tightening: A Review. Aesthetic Plastic<br>Surgery, 2014, 38, 429-441.  | 0.5 | 21        |
| 13 | Pituitary Adenoma as an Incidental Finding in Dental Radiology: A Case Report. Annals of Internal<br>Medicine, 2014, 160, 290-291.  | 2.0 | 3         |
| 14 | Low-Level Laser Liposuction and Hypertriglyceridemia. Annals of Internal Medicine, 2014, 160, 289-290.  | 2.0 | 0         |
| 17 | Effect of laser acupuncture on obesity: study protocol for a randomized controlled trial. Trials, 2015, 16, 217.  | 0.7 | 5         |
| 18 | Nonâ€invasive subcutaneous fat reduction: a review. Journal of the European Academy of Dermatology<br>and Venereology, 2015, 29, 1679-1688.                               | 1.3 | 100       |
| 19 | The Evidence Behind Noninvasive Body Contouring Devices. Aesthetic Surgery Journal, 2015, 35, 279-293.  | 0.9 | 38        |
| 20 | A Review of the Aesthetic Treatment of Abdominal Subcutaneous Adipose Tissue. Dermatologic<br>Surgery, 2015, 41, 18-34.   | 0.4 | 44        |
| 21 | Improved methods for selective cryolipolysis results in subcutaneous fat layer reduction in a porcine model. Skin Research and Technology, 2015, 21, 192-200.             | 0.8 | 15        |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 22 | Effect of Laser Acupuncture on Anthropometric Measurements and Appetite Sensations in Obese Subjects. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-8.  | 0.5 | 14        |
| 23 | Review of the Mechanisms and Effects of Noninvasive Body Contouring Devices on Cellulite and Subcutaneous Fat. International Journal of Endocrinology and Metabolism, 2016, 14, e36727.  | 0.3 | 78        |
| 24 | Cryolipolysis versus laser lipolysis on adolescent abdominal adiposity. Lasers in Surgery and Medicine, 2016, 48, 365-370.   | 1.1 | 20        |
| 25 | Chapter 51 Low-Level Laser Therapy for Body Contouring and Fat Reduction. , 2016, , 1049-1056.   |     | ο         |
| 26 | A randomized, open-label pilot of the combination of low-level laser therapy and lorcaserin for weight loss. BMC Obesity, 2016, 3, 42.   | 3.1 | 11        |
| 27 | Proposed Mechanisms of Photobiomodulation or Low-Level Light Therapy. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 348-364.   | 1.9 | 850       |
| 28 | Cascade regulation of PPARÎ <sup>3</sup> 2 and C/EBPα signaling pathways by celastrol impairs adipocyte<br>differentiation and stimulates lipolysis in 3T3-L1 adipocytes. Metabolism: Clinical and Experimental,<br>2016, 65, 646-654. | 1.5 | 52        |
| 29 | Low-level laser therapy (LLLT) does not reduce subcutaneous adipose tissue by local adipocyte injury<br>but rather by modulation of systemic lipid metabolism. Lasers in Medical Science, 2017, 32, 475-479.                           | 1.0 | 21        |
| 30 | Effects of phototherapy plus physical training on metabolic profile and quality of life in postmenopausal women. Journal of Cosmetic and Laser Therapy, 2017, 19, 364-372.   | 0.3 | 8         |
| 31 | Wavelength and dose-dependent effects of photobiomodulation therapy on wound healing in rat<br>model. Laser Physics, 2018, 28, 115602.   | 0.6 | 4         |
| 32 | Photodynamic Therapy and Photobiomodulation: Can All Diseases be Treated with Light?. , 2018, , 100-135.   |     | 3         |
| 33 | Effect of 405Ânm low intensity irradiation on the absorption spectrum of in-vitro hyperlipidemia<br>blood. Technology and Health Care, 2018, 26, 135-143.  | 0.5 | 6         |
| 34 | Liposuction. , 2019, , 363-377.  |     | 0         |
| 35 | Use of infrared-based devices in aesthetic medicine and for beauty and wellness treatments. Infrared Physics and Technology, 2019, 102, 102991.  | 1.3 | 6         |
| 36 | Applications of photobiomodulation in hearing research: from bench to clinic. Biomedical Engineering Letters, 2019, 9, 351-358.  | 2.1 | 10        |
| 37 | Low-level laser therapy affects dentinogenesis and angiogenesis of in vitro 3D cultures of dentin-pulp<br>complex. Lasers in Medical Science, 2019, 34, 1689-1698.   | 1.0 | 25        |
| 38 | Non-invasive Fat Reduction. , 2019, , 213-223.   |     | 0         |
| 39 | Efficacy and safety of long pulse 1064 and 2940 nm lasers in noninvasive lipolysis and skin tightening.<br>Journal of Biophotonics, 2019, 12, e201900083.  | 1.1 | 14        |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 40 | Quantitative proteomic analysis of dermal papilla from male androgenetic alopecia comparing before<br>and after treatment with lowâ€level laser therapy. Lasers in Surgery and Medicine, 2019, 51, 600-608.                                     | 1.1 | 18        |
| 41 | Insulin resistance is improved in highâ€fat fed mice by photobiomodulation therapy at 630 nm. Journal of<br>Biophotonics, 2020, 13, e201960140.   | 1.1 | 21        |
| 42 | Study protocol for the use of photobiomodulation with red or infrared LED on waist circumference reduction: a randomised, double-blind clinical trial. BMJ Open, 2020, 10, e036684.   | 0.8 | 3         |
| 43 | Effect of 808 nm Semiconductor Laser on the Stability of Orthodontic Micro-Implants: A Split-Mouth<br>Study. Materials, 2020, 13, 2265.   | 1.3 | 12        |
| 44 | Photobiomodulation—Underlying Mechanism and Clinical Applications. Journal of Clinical Medicine, 2020, 9, 1724.   | 1.0 | 240       |
| 45 | A Randomized, Controlled Trial on the Effectiveness of Photobiomodulation Therapy and Nonâ€Contact<br>Selectiveâ€Field Radiofrequency on Abdominal Adiposity in Adolescents With Obesity. Lasers in Surgery<br>and Medicine, 2020, 52, 873-881. | 1.1 | 3         |
| 47 | In vitro anti-tumor effect of high-fluence low-power laser light on apoptosis of human colorectal cancer cells. Lasers in Medical Science, 2021, 36, 513-520.   | 1.0 | 7         |
| 48 | Alterted Adipogenesis of Human Mesenchymal Stem Cells by Photobiomodulation Using 1064 nm Laser<br>Light. Lasers in Surgery and Medicine, 2021, 53, 263-274.  | 1.1 | 6         |
| 49 | Light emitting diodes technology-based photobiomodulation therapy (PBMT) for dermatology and<br>aesthetics: Recent applications, challenges, and perspectives. Optics and Laser Technology, 2021, 135,<br>106698.                               | 2.2 | 12        |
| 50 | Effect of one session of aerobic exercise associated with abdominal laser therapy in lipolytic activity,<br>lipid profile, and inflammatory markers. Journal of Cosmetic Dermatology, 2021, 20, 1714-1723.                                      | 0.8 | 3         |
| 51 | Comparison of different energy response for lipolysis using a 1,060â€nm laser: An animal study of three pigs. Skin Research and Technology, 2021, 27, 5-14.   | 0.8 | 3         |
| 52 | Photobiomodulation: The Clinical Applications of Low-Level Light Therapy. Aesthetic Surgery Journal, 2021, 41, 723-738.   | 0.9 | 51        |
| 53 | A Midwest COVID-19 Cohort for the Evaluation of Multimorbidity and Adverse Outcomes from COVID-19. Journal of Primary Care and Community Health, 2021, 12, 215013272110109.   | 1.0 | 5         |
| 54 | Deletion of adipocytes induced by a novel device simultaneously delivering synchronized<br>radiofrequency and hifem: Human histological study. Journal of Cosmetic Dermatology, 2021, 20,<br>1104-1109.   | 0.8 | 21        |
| 55 | The Signalling Effects of Photobiomodulation on Osteoblast Proliferation, Maturation and Differentiation: A Review. Stem Cell Reviews and Reports, 2021, 17, 1570-1589.   | 1.7 | 9         |
| 56 | Efficacy and safety of a novel combined 1060-nm and 635-nm laser device for non-invasive reduction of abdominal and submental fat. Lasers in Medical Science, 2021, , 1.  | 1.0 | 6         |
| 57 | Effects of microwave technology on the subcutaneous abdominal fat and anthropometric indices of overweight adults: A clinical trial. Journal of Cosmetic Dermatology, 2022, 21, 1482-1488.  | 0.8 | 7         |
| 58 | The review of the light parameters and mechanisms of Photobiomodulation on melanoma cells.<br>Photodermatology Photoimmunology and Photomedicine, 2022, 38, 3-11.   | 0.7 | 16        |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 59 | The Effect of Laser Therapy Along With Mediterranean Diet Versus Mediterranean Diet Only on Older<br>Adults With Non-alcoholic Fatty Liver Disease: A Randomized Clinical Trial. Journal of Lasers in<br>Medical Sciences, 2021, 12, e39-e39. | 0.4 | 2         |
| 60 | Quantification of noninvasive fat reduction: A systematic review. Lasers in Surgery and Medicine, 2018, 50, 96-110.   | 1.1 | 11        |
| 61 | Monitoring of temperature-mediated phase transitions of adipose tissue by combined optical coherence tomography and Abbe refractometry. Journal of Biomedical Optics, 2018, 23, 1.  | 1.4 | 10        |
| 62 | Measurement of tissue optical properties in the context of tissue optical clearing. Journal of<br>Biomedical Optics, 2018, 23, 1.   | 1.4 | 90        |
| 63 | Medical diagnosis using NIR and THz tissue imaging and machine learning methods. , 2019, , .  |     | 3         |
| 64 | Noninvasive Body Contouring: Literature Review and Summary of Objective Data. SKIN the Journal of<br>Cutaneous Medicine, 2017, 1, 18-31.  | 0.1 | 2         |
| 65 | The Effectiveness of 448-kHz Capacitive Resistive Monopolar Radiofrequency for Subcutaneous Fat<br>Reduction in a Porcine Model. Medical Lasers, 2019, 8, 64-73.  | 0.2 | 2         |
| 66 | Body Composition Changes after Weight-Loss Interventions among Obese Females: A Comparison of<br>Three Protocols. Open Access Macedonian Journal of Medical Sciences, 2014, 2, 579-584.   | 0.1 | 1         |
| 67 | Clinical application of cryolipolysis in Asian patients for subcutaneous fat reduction and body contouring. Archives of Plastic Surgery, 2020, 47, 62-69.   | 0.4 | 14        |
| 68 | Effect of Transcutaneous Radial Artery Photobiomodulation on Continuous Measures of Interstitial<br>Glucose in a Single Subject: A Brief Report. Photobiomodulation, Photomedicine, and Laser Surgery,<br>2021, 39, 637-641.                  | 0.7 | 1         |
| 69 | Mesotherapy Solutions for Inducing Lipolysis and Treating Cellulite. , 2012, , 255-263.   |     | 0         |
| 70 | Devices for Weight Loss and Fatty Tissue. , 2014, , 375-385.  |     | 0         |
| 71 | Safety and efficacy of photobiomodulation therapy for weight loss: a review. , 2018, , .  |     | 0         |
| 72 | A German Prospective Study of the Safety and Efficacy of a Non-Invasive, High-intensity,<br>Electromagnetic Abdomen and Buttock Contouring Device. Journal of Clinical and Aesthetic<br>Dermatology, 2021, 14, 30-33.                         | 0.1 | 1         |
| 73 | Effects of low-level laser therapy on reducing pain, edema, and trismus after orthognathic surgery: a systematic review. Lasers in Medical Science, 2022, 37, 1471-1485.  | 1.0 | 9         |
| 74 | Reversal of Stem Cellâ€derived Hypertrophic Adipocytes Mediated by Photobiomodulation (1064 nm).<br>Translational Biophotonics, 0, , e202100006.  | 1.4 | 0         |
| 75 | Photobiomodulation with 655-nm Laser Light to Induce the Differentiation of PC12 Cells. , 2020, , .   |     | 1         |
| 76 | Photobiomodulation: a potential adjunctive obesity intervention a review. Advances in Obesity Weight Management & Control, 2021, 11, 135-139.   | 0.4 | 4         |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 77 | Non-invasive Alternatives for Liposuction. , 0, , .   |     | 3         |
| 78 | Perspectives on photobiomodulation and combined light-based therapies for rehabilitation of patients after COVID-19 recovery. Laser Physics Letters, 2022, 19, 045604.  | 0.6 | 1         |
| 79 | Photobiomodulation therapy increases collagen II after tendon experimental injury. Histology and Histopathology, 2021, 36, 663-674.   | 0.5 | 0         |
| 80 | Photobiomodulation therapy for osteoarthritis: Mechanisms of action. World Journal of<br>Translational Medicine, 2022, 10, 29-42.   | 3.5 | 0         |
| 81 | Efficacy of Adjunctive Photobiomodulation in the Management of Medication-Related Osteonecrosis<br>of the Jaw: A Systematic Review. Photobiomodulation, Photomedicine, and Laser Surgery, 2022, 40,<br>777-791. | 0.7 | 4         |
| 82 | Can the use of photobiomodulation for localized fat reduction induce changes in lipid profile? A critical integrative review. Lasers in Medical Science, 2023, 38, .  | 1.0 | 1         |
| 83 | Biphasic dose response in the anti-inflammation experiment of PBM. Lasers in Medical Science, 2023, 38, .   | 1.0 | 10        |
| 84 | Efficacy of Endolift laser for arm and under abdomen fat reduction. Journal of Cosmetic Dermatology, 2023, 22, 2018-2022.   | 0.8 | 5         |
| 85 | Effect of exercise training with laser phototherapy on homeostasis balance resistant to hypercoagulability in seniors with obesity: a randomized trial. Scientific Reports, 2023, 13, .                         | 1.6 | 2         |
| 86 | Application of Intratissue Laser Ablation in Facial Morphological Modification. Photobiomodulation,<br>Photomedicine, and Laser Surgery, 2023, 41, 182-188.   | 0.7 | 0         |