

List of Clinical Papers and Abstracts

PROOF OF CONCEPT / ANIMAL

- **Selective Cryolysis: A Novel Method of Non-Invasive Fat Removal**
Manstein D, Laubach H, Watanabe K, Farinelli W, Zurakowski D, Anderson RR.
Lasers in Surgery and Medicine. 2008; 40(9):595-604.
- **Cryolipolysis for Noninvasive Fat Cell Destruction: Initial Results from a Pig Model**
Zelickson B, Egbert BM, Preciado J, Allison J, Springer K, Manstein D.
Dermatologic Surgery. 2009; 35(10):1462-1470.

CRYOLIPOLYSIS SAFETY

- **Non-Invasive Cryolipolysis for Subcutaneous Fat Reduction Does Not Affect Serum Lipid Levels or Liver Function Tests**
Klein K, Zelickson B, Riopelle JG, Okamoto E, Bachelor EP, Harry RS, Preciado JA.
Lasers in Surgery and Medicine. 2009; 41(10):785-790.
- **Clinical Efficacy of Noninvasive Cryolipolysis and Its Effects on Peripheral Nerves**
Coleman SR, Sachdeva K, Egbert BM, Preciado J, Allison J.
Aesthetic Plastic Surgery. 2009; 33(4):482-488.

THE BUSINESS OF COOLSCULPTING

- **Broad Overview of a Clinical and Commercial Experience with CoolSculpting**
Stevens WG, Pietrzak LK, Spring MA.
Aesthetic Surgery Journal. 2013; 33(6):835-846.
Open Access: <http://aes.sagepub.com/content/33/6/835.full.pdf+html>

DEMONSTRATED EFFICACY AND PATIENT SATISFACTION

- **Safety, Tolerance, and Patient Satisfaction With Noninvasive Cryolipolysis**
Dierickx CC, Mazer JM, Sand M, Koenig S, Arigon V.
Dermatologic Surgery. 2013; 39(8):1209-16

- **Noninvasive Selective Cryolipolysis and Reperfusion Recovery for Localized Natural Fat Reduction and Contouring**
Sasaki GH, Abelev N, Tevez-Ortiz A.
Aesthetic Surgery Journal. 2014; 34(3):420-431.
Open Access: <http://aes.sagepub.com/content/34/3/420.full.pdf+html>
- **Three-Dimensional Volumetric Quantification of Fat Loss Following Cryolipolysis**
Garibyan L, Sipprell WH 3rd, Jalian HR, Sakamoto FH, Avram M, Anderson RR.
Lasers in Surgery and Medicine. 2014; 46(2):75-80.
Open Access: <http://onlinelibrary.wiley.com/doi/10.1002/lsm.22207/pdf>

LONG TERM RESULTS

- **Longitudinal Evaluation of Cryolipolysis Efficacy: Two Case Studies**
Bernstein EF.
Journal of Cosmetic Dermatology. 2013; 12(2):149-152.

TREATMENT STRATEGIES

- **Cryolipolysis for Safe and Effective Inner Thigh Fat Reduction**
Zelickson BD, Burns AJ, Kilmer SL.
Lasers in Surgery and Medicine. 2015 Jan 13.
Open Access: <http://onlinelibrary.wiley.com/doi/10.1002/lsm.22320/pdf>
- **Cryolipolysis Conformable Surface Applicator for Non-Surgical Fat Reduction in Lateral Thighs**
Stevens WG, Bachelor EP.
Aesthetic Surgery Journal. 2015 Jan; 35(1):66-71.
Open Access: <http://asj.oxfordjournals.org/content/asj/35/1/66.full.pdf>
- **Non-Invasive Fat Reduction of the Flanks Using a New Cryolipolysis Applicator and Overlapping, Two-Cycle Treatments**
Bernstein EF, Bloom JD, Basilavecchio LD, Plugis JM.
Lasers in Surgery and Medicine. 2014 Dec; 46(10):731-5.
Open Access: <http://onlinelibrary.wiley.com/doi/10.1002/lsm.22302/pdf>
- **Fat Reduction in the Inner Thigh Using a Prototype Cryolipolysis Applicator**
Boey GE, Wasilenchuk JL.
Dermatologic Surgery. 2014 Sep; 40(9):1004-1009.

- **Effect of Post-Treatment Manual Massage on Efficacy Following a Cryolipolysis Procedure**
Boey GE, Wasilenchuk JL.
Lasers in Surgery and Medicine. 2014; 46(1):20–26.
Open Access: <http://onlinelibrary.wiley.com/doi/10.1002/lsm.22209/pdf>
- **Can Second Treatment Enhance Clinical Results in Cryolipolysis?**
Brightman L, Geronemus R.
Cosmetic Dermatology. 2011; 24(2):85-88.

DANGERS OF COUNTERFEIT DEVICES

- **Physician Alert: Beware of Counterfeit Medical Devices**
Biesman BS, Patel N.
Lasers in Surgery and Medicine. 2014; Epub released ahead of print article.
Open Access: <http://onlinelibrary.wiley.com/doi/10.1002/lsm.22275/pdf>
- **Counterfeit Medical Devices: The Money You Save Up Front Will Cost You Big in the End**
Stevens WG, Spring MA, Macias LH.
Aesthetic Surgery Journal. 2014; 34(5) 786-788.

REVIEW ARTICLES

- **Cryolipolysis in Aesthetic Plastic Surgery**
Chopra K, Tadisina KK, Stevens WG.
Eplasty. 2014 Aug 22; 14: ic29. [Review article]
Open Access: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4145676/>
- **Cryolipolysis for Noninvasive Body Contouring: Clinical Efficacy and Patient Satisfaction**
Krueger N, Mai SV, Luebberding S, and Sadick NS.
Clinical, Cosmetic and Investigational Dermatology. 2014; 7: 201-205. [Review article]
Open Access: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4079633/pdf/ccid-7-201.pdf>
- **Cryolipolysis: Historical Perspective and Current Clinical Practice**
Jalian HR, Avram MM.
Seminars in Cutaneous Medicine and Surgery. 2013; 32(1):31-34. [Review article]

- **Body Contouring: The Skinny on Noninvasive Fat Removal**
Jalian HR, Avram MM.
Seminars in Cutaneous Medicine and Surgery. 2012; 31(2):121-125. [Review article]
- **Cryolipolysis for Subcutaneous Fat Layer Reduction**
Avram M, Harry R.
Lasers in Surgery and Medicine. 2009; 41(10):703-708. [Review article]
- **Cryolipolysis for Reduction of Excess Adipose Tissue**
Nelson AA, Wasserman D, Avram MM.
Seminars in Cutaneous Medicine and Surgery. 2009; 28(4):244-249. [Review article]

ADDITIONAL STUDIES

- **Non-Invasive Cryolipolysis for Body Contouring in Chinese — A First Commercial Experience**
Shek SY, Chan NPY, Chan HL.
Lasers in Surgery and Medicine. 2012; 44(2):125-130.
- **Paradoxical Adipose Hyperplasia after Cryolipolysis**
Jalian HR, Avram MM, Garibyan L, Mihm MC, Anderson RR.
JAMA Dermatology. 2014; 150(3):317-319.

PUBLISHED ABSTRACTS

- **Three Dimensional Volumetric Quantification of Fat Loss following Cryolipolysis**
Garibyan L, Sipprell W, Jalian HR, Sakamoto F, Avram M, Anderson RR.
Lasers in Surgery and Medicine. 2014; 46(S25):31.
- **Cryolipolysis Using the Treatment to Transformation Approach: One Year Follow-Up**
Burns AJ, Saltz R, Stevens G, Kilmer S.
Lasers in Surgery and Medicine. 2014; 46(S25):18.
- **Feasibility Study of a Cryolipolysis Surface Applicator for Non-Invasive Fat Reduction in the Outer Thigh**
Stevens WG, Bachelor EP.
Lasers in Surgery and Medicine. 2014; 45(4):367.

- **Cryolipolysis Treatment of a Lipoma: A Case Study**
Loss L.
Lasers in Surgery and Medicine. 2014; 45(4):364.
- **Cryolipolysis – Beyond Abs and Flanks**
Carruthers J, Carruthers A, Humphrey S.
Lasers in Surgery and Medicine. 2014; 45(4):354-355.
- **A New Improved-Fit Cryolipolysis Applicator for Reduction of Flank Fat Bulges**
Bernstein E, Bloom J, Basilavecchio L, Plugis J.
Lasers in Surgery and Medicine. 2014; 45(4):354.
- **Safety and Efficacy of Cryolipolysis for Inner Thigh Fat Reduction**
Zelickson B, Wallander I.
Lasers in Surgery and Medicine. 2013; 45(4):282.
- **Non-Invasive Fat Reduction of the Inner Thighs Using a Prototype Cryolipolysis Applicator**
Boey G, Wasilenchuk J.
Lasers in Surgery and Medicine. 2013; 45(S25):20.
- **Cryolipolysis Treatment for Subcutaneous Fat Layer Reduction**
Macedo O, Corradini C, Matayoshi L.
Journal of the American Academy of Dermatology. 2012; 66(4):Suppl. 1: AB25.
- **Effect of Multiple Cryolipolysis Treatments on the Abdomen**
Mayoral F, Kaminer M, Kilmer S, Weiss R, Zelickson B.
Lasers in Surgery and Medicine. 2012; 44(S24):15.
- **Tolerance of Non-Invasive Cryolipolysis**
Dierickx C, Mazer JM, Koenig S, Sand M, Arigon V.
Lasers in Surgery and Medicine. 2012; 44(S24):15.
- **Effect of Post-Treatment Manual Massage on Efficacy following a Cryolipolysis Procedure**
Boey G, Wasilenchuk J, Preciado J.
Lasers in Surgery and Medicine. 2012; 44(S24):15.
- **Multiple Treatment, Non-Invasive Cryolipolysis for Body Contouring in Chinese Patients**
Shek SY, Chan NPY, Chan HHL.
Lasers in Surgery and Medicine. 2011; 43(S23):20.

- **Side Effects and Risks Associated with Cryolipolysis**
Saedi N, Dover J, Kaminer M, Zachary C.
Lasers in Surgery and Medicine. 2011; 43(S23):928.
- **Patient Satisfaction at 2 and 6 Months after a Single Non-Invasive Cryolipolysis Treatment for Subcutaneous Fat Layer Reduction**
Dover J, Kaminer M, Teahan M, Barrett L.
Lasers in Surgery and Medicine. 2011; 43(S23):968.
- **Clinical Evaluation of a Non-Invasive Cryolipolysis for the Treatment of Subcutaneous Fat Removal in Korean Patients**
Kim H, Suh D, Park J, Rhue J, Lee S, Song K, Shin M, Ok C.
Lasers in Surgery and Medicine. 2011; 43(S23):973.
- **Correlation of Fat Layer Thickness and Circumference Reduction: A Geometric Model**
Zachary C, Allison J, Saedi N.
Lasers in Surgery and Medicine. 2010; 42(S22):20.
- **Analysis of Side Effects of Non-Invasive Cryolipolysis for Subcutaneous Fat Layer Reduction – Interim Report from Controlled Clinical Trials**
Burns JA, Allison J, Bachelor E, Dover J, Coleman S, Fitzpatrick R, Garden J, Geronemus R, Goldberg D, Kilmer S, Kramer S, Levinson M, Mayoral F, Okamoto E, Tanzi E, Riopelle J, Weiss R, Zelickson B.
Lasers in Surgery and Medicine. 2010; 42(S22):21.
- **A Prospective Clinical Study of Noninvasive Cryolipolysis for Subcutaneous Fat Layer Reduction – Interim Report of Available Subject Data***
Dover J, Burns J, Coleman S, Fitzpatrick R, Garden J, Goldberg D, Geronemus R, Kilmer S, Mayoral F, Tanzi E, Weiss R, Zelickson B.
Lasers in Surgery and Medicine. 2009; 41(S21):43.
- **Lipid and Liver Function Effects of the Cryolipolysis™ Procedure in a Study of Male Love Handle Reduction**
Riopelle J, Tsai M, Kovach B.
Lasers in Surgery and Medicine. 2009; 41(S21):82.
- **A Novel Cryotherapy Method of Non-Invasive, Selective Lipolysis**
Manstein M, Laubach H, Watanabe K, Anderson RR.
Lasers in Surgery and Medicine. 2008; 40(S20):104.

- **The Effect of Cold Exposure on Adipocytes: Examining a Novel Method for the Noninvasive Removal of Fat**
Preciado J, Allison J.
Cryobiology. 2008; 57(3):327.
- **Visible Cosmetic Improvement with Cryolipolysis: Photographic Evidence**
Kaminer M, Weiss R, Newman J, Allison J.
Presented at the *Annual Meeting of the American Society for Dermatologic Surgery*, 2009, Phoenix, AZ.