

## PUBLICATIONS

### Peer Reviewed Publications

1. Alessandri-Bonetti M, Egro FM, Persichetti P, **Coleman SR**, Rubin JP. The Role of Fat Grafting in Alleviating Neuropathic Pain: A Critical Review of the Literature. *Plast Reconstr Surg Glob Open*, accepted for publication.
2. Czerniak S, Gusenoff JA, MacIsaac ZM, Bram RP, Amar A, Seynnaeve C, Medich D, **Coleman SR**, Rubin, JP. Fat Grafting to the Abdominal Wall to Improve Ostomy Appliance Fit: An Unusual and Beneficial Application. *Journal of Wound Management and Prevention* accepted for publication.
3. Bourne DA, Billey J, Donnenberg AD, Donnenberg VS, Branstetter BF 4<sup>th</sup>, Hass GL, Radomsky E, Meyr EM, Pfeifer ME, Brown SA, Marra KG, **Coleman SR**, Rubin JP. Changing the Paradigm of Craniofacial Reconstruction: A Prospective Clinical Trial of Autologous Fat Transfer for Craniofacial Deformities. *Ann Surg*. 2019 Apr 9. [Epub ahead of print].
4. Kokai LE, Schilling BK, Chnari E, Huang YC, Imming EA, Karunamurth A, Khouri RK, D'Amico RA, **Coleman SR**, Marra KG, Rubin, JP. Injectable Allograft Adipose Matrix Supports Adipogenic Tissue Remodeling in the Nude Mouse and Human. *Plast Reconstr Surg*. 2019 Feb;143(2):299e-309e.
5. Bourne DA, Thomas RD, Bliley J, Haas G, Wyse A, Donnenberg A, Donnenberg VS, Chow I, Cooper R, **Coleman SR**, Marra KG, Pasquina PF, Rubin JP. Amputation Site Soft Tissue Restoration Using Adipose Stem Cell Therapy. *Plast Reconstr Surg*. 2018 Nov;142(5):1349-1352.
6. **Coleman SR**, Lam S, Cohen SR, Bohluli B, Nahai F. Atlas Oral Maxillofac Surg Clin North Am. 2018 Mar;26(1):81-84.
7. Rubin JP, D'Amico RA, Rodriguez R, **Coleman SR**, Cederna P, Glasberg S, Neumeister M, Song D, Butler C, Hume K. Regulatory Advocacy Update: ASPS Comments in Response to the FDA Draft Guidance Documents on Human Cell and Tissue Products. *Plast Reconstr Surg*. 2017 May;139(5):1259-1261.
8. James IB, **Coleman SR**, Rubin JP. Fat, Stem Cells, and Platelet-Rich Plasma. IN: *Clin Plast Surg*. 2016 Jul;43(3):473-88.
9. Yoshimura K, **Coleman SR**. Complications of Fat Grafting: How They Occur and How to Find, Avoid, and Treat Them. *Clin Plast Surg*. 2015 Jul;42(3):383-8.
10. Pu LL, Yoshimura K, **Coleman SR**. Fat Grafting: Current Concept, Clinical Application, and Regenerative Potential, Part 2. *Clin Plast Surg*. 2015 Jul;42(3):xiii-xiv.
11. Pu LL, Yoshimura K, **Coleman SR**. Fat Grafting: Current Concept, Clinical Application, and Regenerative Potential, Part 1. *Clin Plast Surg*. 2015 Apr;42(2):ix-x.
12. Pu LL, Yoshimura K, **Coleman SR**. Future Perspectives of Fat Grafting. *Clin Plast Surg*. 2015 Jul;42(3):389-94.
13. **Coleman SR**, Saboeiro AP. Primary Breast Augmentation with Fat Grafting. *Clin Plast Surg*. 2015 Jul;42(3):301-6.

14. **Coleman SR**, Katzel EB. Fat Grafting for Facial Filling and Regeneration. *Clin Plast Surg*. 2015 Jul;42(3):289-300.
15. Strong AL, Cederna PS, Rubin JP, **Coleman SR**, Levi B. The Current State of Fat Grafting: A Review of Harvesting, Processing, and Injection Techniques. *Plast Reconstr Surg*. 2015 Oct;136(4):897-912.
16. Rubin JP, **Coleman SR**, Brown S, Hale R, Martin B, Valerio IL. Indications and Applications of Fat Grafting for Post-Traumatic Craniofacial Deformities: What Have We Learned and Where Do We Go? *Journal of Plast, Reconstr & Aesthet Surg*. 2014 Oct;67(10):1460-1461.
17. **Coleman SR**, Pu LL. The Inaugural Congress of the International Society of Plastic Regenerative Surgery. *Plast Reconstr Surg*. 2013 Jul;132(1):184e-188e.
18. Allen RJ, Canizares O, Scharf C, Nguyen PD, Thanik V, Saadeh PB, **Coleman SR**, Hazel A. Grading Lipoaspirate: Is There an Optimal Density for Fat Grafting? *Plast Reconstr Surg*. 2013 Jan;131(1):38-45.
19. Butala P, Hazen A, Szpalski C, Sultan SM, **Coleman SR**, Warren SM. Endogenous Stem Cell Therapy Enhances Fat Graft Survival. *Plast Reconstr Surg*. 2012 Aug;130(2):293-306.
20. Sultan SM, Barr JS, Butala P, Davidson EH, Weinstein AL, Knobel D, Saadeh PB, Warren SM, **Coleman SR**, Hazen A. Fat Grafting Revascularisation and Decreases Fibrosis Following Thermal Injury. *Journal of Plastic, Reconstructive & Aesthetic Surgery*. 2012 Feb;65(2):219-27.
21. Sultan SM, Stern CS, Allen RJ, Jr., Thanik VD, Chang CC, Nguyen PD, Canizares O, Szpalski C, Saadeh PB, Warren SM, **Coleman SR**, Hazen A. Human Fat Grafting Alleviates Radiation Skin Damage in a Murine Model. *Plast Reconstr Surg*. 2011 Aug;128(2):363-72.
22. Thanik VD, Chang CC, Zoumalan RA, Lerman OZ, Robert J. Jr., Nguyen PD, Warren SM, **Coleman SR**, Hazen A. A Novel Mouse Model of Cutaneous Radiation Injury. *Plast Reconstr Surg*. 2011 Feb;127(2):560-568.
23. Pu LL, **Coleman SR**, Cui X, Ferguson RE, Jr., Vasconez HC. Cryopreservation of Autologous Fat Grafts Harvested with the Coleman Technique. *Annual Plastic Surgery*. 2010;64(3):333-337.
24. Thanik VD, Nguyen PD, Saadeh PB, Warren SM, Levine JP, **Coleman SR**, Hazen A, Chang CC, Allen RJ, Jr., Lerman OZ. A Murine Model for Studying Diffusely Injected Human Fat. *Plast Reconstr Surg*. 2009;124(1):74-81.
25. Gutowski KA, Baker SB, **Coleman SR**, Khoobehi K, Lorenz HP, Massey MF, Pusic A, Rubin JP. Current Applications and Safety of Autologous Fat Grafts: A Report of the ASPS Fat Graft Task Force. *Plast Reconstr Surg*. 124, no. 1 (2009):272-289.
26. **Coleman SR**, Sachdeva K, Egbert M, Preciado J, Allison J. Clinical Efficacy of Noninvasive Cryolipolysis and Effects on Peripheral Nerves. *Aesth Plast Surg*. 2009 Jul;33(4):482-488.
27. **Coleman SR**, Saboeiro A, Sengelmann R. A Comparison of Lipoatrophy and Aging: Volume Deficits in the Face. *Aesth Plast Surg*. 2009 Jan;33(1):14-21
28. Robert J, Jr., Nguyen A, Phuong D, Varjabedian L, Schachar JS, Thanik BS, Vishal D, Saadeh PB, **Coleman SR**, Hazen A. Fat Grafting for the Treatment of Murine Radiation Skin Damage. *Wound Repair & Regeneration*. 2009 Mar;17(2):A18.

29. Pu LL, **Coleman SR**, Cui X, Ferguson RE, Jr., Vasconez HC. Autologous Fat Grafts Harvested and Refined by the Coleman Technique: A Comparative Study. *Plast Reconstr Surg*. 2008;122(3):932-937.
30. **Coleman SR**, Saboeiro AP. Fat Grafting to the Breast Revisited: Safety and Efficacy. *Plast Reconstr Surg*. 2007 Mar;119(3):775-785.
31. **Coleman SR**. Structural Fat Grafting: More Than a Permanent Filler. *Plast Reconstr Surg*. 2006 Sept;118(3S):108S-120S.
32. **Coleman SR**. Facial Augmentation with Structural Fat Grafting. *Clinics in Plastic Surgery*. 2006 Oct;33(4):567-577.
33. **Coleman SR**, Grover R. The Anatomy of the Aging Face: Volume Loss and Changes in 3-Dimensional Topography. *Aesthetic Surgery Journal*. 2006 Jan;26(1):S4-S9.
34. Ascher B, **Coleman SR**, Alster T, Bauer U, Burgess C, Butterwick K, Donofrio L, Engelhard P, Goldman MP, Katz P, Vleggaar D. Full Scope of Effect of Facial Lipoatrophy: A Framework of Disease Understanding. *Dermatol Surg*. 2006 Aug;32(8):1058-1069.
35. **Coleman SR**, Plastic Surgery Educational Foundation DATA Committee. *Plast Reconstr Surg*. 2006 Feb;117(2):661-665.
36. Hurwitz D, **Coleman SR**, Katz A. Structural Fat Grafting of the Face: Lessons from a Teacher and His Student. *Key Issues in Plastic and Cosmetic Surgery*. 2001;17:14-38.

#### **Invited Articles**

1. **Coleman SR**. Facial Augmentation with Structural Fat Grafting. *Clinics in Plastic Surgery*. 2006 Oct;33(4):567-577.
2. **Coleman SR**. Avoidance of Arterial Occlusion from Injection of Soft Tissue Fillers. *Aesthet Surg J*. 2002 Nov;22(6):555-7.
3. **Coleman SR**. Hand Rejuvenation with Structural Fat Grafting. *Plast Reconstr Surg*. 2002 Dec;110(7):1745-1747.
4. **Coleman SR**. Injectable Silicone Returns to the United States. *Aesthetic Surgery Journal*. 2001 Nov;21(6):576-578.
5. **Coleman SR**. Structural Fat Grafts: The Ideal Filler. *Clin Plast Surg*. 2001;28(1):111-119.
6. **Coleman SR**. Structural Fat Grafting. *Aesthetic Surgery Journal*. 1998 Sept;18(5):386-388.
7. **Coleman SR**. Facial Recontouring with Lipostructure. *Clin Plast Surg*. 1997 Apr;24(2):347-367.
8. **Coleman SR**. Long-Term Survival of Fat Transplants: Controlled Demonstrations. *Aesthetic Plastic Surgery*. 1995 Sep-Oct;19(5):421-425.
9. **Coleman SR**. Lipoinfiltration of the Upper Lip White Roll. *Aesthetic Surgery Journal*. 1994;14(4).

10. **Coleman SR.** The Technique of Periorbital Lipoinfiltration. *Oper Tech Plast Reconstr Surg.* 1994 Jan;1:20-26.

### **Invited Discussions**

1. **Coleman SR.** Discussion: Lower Lid Deformity Secondary to Autogenous Fat Transfer: A Cautionary Tale. *Aesthetic Plastic Surgery.* 2008 May;32(3):415-417.
2. Barton FE, Carruthers J, **Coleman SR,** Graivier M. Discussion: The Role of Toxins and Fillers in Perioral Rejuvenation. *Aesthetic Surgery Journal.* 2007 Nov;27(6):632-640.
3. Terzis J, Rose EH, **Coleman SR,** Walton RL. Discussion: Aesthetic Considerations Following Facial Reanimation Procedures. *Aesthetic Surgery Journal.* 2006 Jan;26(1):57-68.
4. **Coleman SR.** Discussion: Treatment of Facial Fat Atrophy Related to Treatment with Protease Inhibitors by Autologous Fat Injection in Patients with Human Immunodeficiency Virus Infection. Discussion: *Plast Reconstr Surg.* 2004 Aug;114(2):556-558.
5. **Coleman SR,** Guerrerosantos J, Hobar CP, Terino EO. Discussion: Volumetric Considerations in Facial Augmentation. *Aesthetic Surgery Journal.* 2003 Jan;23(1):45-51.
6. **Coleman SR.** Discussion: Hand Rejuvenation with Structural Fat Grafting. *Plast Reconstr Surg.* 2002 Dec;110(7):1745-1747.
7. **Coleman SR.** Discussion: Lip Augmentation with Superficial Musculoaponeurotic System Grafts: Report of 103 Cases. *Plast Reconstr Surg.* 2002 Jan;109(1):327-328.
8. Carraway JH, **Coleman SR,** Kane MA, Patipa M. Discussion: Periorbital Rejuvenation. *Aesthetic Surgery Journal.* 2001 Jul;21(4):337-343.
9. **Coleman SR.** Discussion: Free Fat Transplantation for Facial Tissue Augmentation. *Journal of Oral and Maxillofacial Surgery.* 2000;58(2):169-170.

### **Text Book Editorial Projects**

1. Marra KG, Rubin JP. *Adipose-Derived Stem Cells, Preadipocytes, and Tissue Engineering.* In: Fat Injection: From Filling to Regeneration, edited by **Coleman SR** and Mazzola. St. Louis: Quality Medical Publishing, 2009.
2. Fat Injection: From Filling to Regeneration. Ed. By **Coleman SR,** Mazzola RF. St Louis: *Quality Medical Pub,* 2009.
3. **Coleman SR.** Structural Fat Grafting, 1<sup>st</sup> Edition. St. Louis, Mo.: Quality Medical Pub., 2004.

### **Book Chapters and Sections**

1. James IB, **Coleman SR,** Rubin JP. Fat Grafting for Scar Treatment. IN: Wolters Kluwer (2017), *The Scar Book: Formation, Mitigation, Rehabilitation, and Prevention.* Ed. Krakowski AC and Shumaker PR. 212-223.

2. **Coleman SR**, Saboeiro A. Fat Grafting to the Dorsal Hands. IN: Encyclopedia of Aesthetic Rejuvenation Through Volume Enhancement. Ed: Strauch B, Herman C. Thieme Medical Publishers, 2013.
3. **Coleman SR**, Saboeiro A. Long Term Results in Breast Augmentation with Adipose Tissue. IN: Encyclopedia of Aesthetic Rejuvenation Through Volume Enhancement. Ed: Strauch B, Herman C. Thieme Medical Publishers, 2013.
4. **Coleman SR**, Saboeiro A. Lipoaugmentation. In: Surgery of the Breast: Principles and Art. Ed. By Spear S. Philadelphia, PA: Lippincott Williams & Wilkins; 2011;(2):1366–73.
5. **Coleman SR**, Saboeiro A. Structural Fat Augmentation of the Face and Hands. IN: *Aesthetic Plastic Surgery*, 2009. Ed. By Aston S. Chapter 73, p. 861-864.
6. **Coleman SR**. Structural Fat Grafting: A Versatile Tool for Your Aesthetic Practice. IN: *Cosmetic Medicine & Aesthetic Surgery: Strategies for Success*. Ed. By Saltz R. St Louis, MO: Quality Medical Pub., 2009; p. 526.
7. **Coleman SR**, Saboeiro A. Augmentation of Facial Structures with Autologous Fat. IN: *Plastic Surgery Indications and Practice*. Ed. By Guyuron B. Oxford, UK: Saunders/Elsevier; 2009. p. 1555–15690.
8. **Coleman SR**, Saboeiro A. Facial Rejuvenation with Structural Fat Grafting. IN: *Techniques of Aesthetic Plastic Surgery Series*. Ed. By Codner M. Edinburgh, UK: Elsevier; 2009. p. 89-98.
9. **Coleman SR**. Structural Fat Grafting. IN: *Grabb and Smith's Plastic Surgery*. Ed. By Throne C, William C, Smith J. Philadelphia, PA: Wolters Kluwer Health/Lippincott Williams & Wilkins; 2007. p. 480-486.
10. **Coleman SR**. Structural Lipoaugmentation. IN: *Safe Liposuction and Fat Transfer*. Ed. By Narins R. New York, NY: Marcel Dekker; 2003. p. 409-423.

### **Scientific Projects and Abstracts**

1. Bourne DA, Minter D, Ergo FM, Wyse A, Donnenberg V, Haas GL, Cooper R, Marra KG, Kokai L, **Coleman SR**, Pasquina P, Rubin JP. Adipose Stem Cell Therapy for Amputation Site Soft Tissue Restoration: A Prospective Randomized Controlled Trial. American Society of Plastic Surgeons (ASPS). Plastic Surgery the Meeting. San Diego, CA. September 2019.
2. Ergo FM, Schusterman MA, Sivak WN, Grybowski D, Mahoney C, Minter D, Jacobs M, Chnari E, Brennan H, **Coleman SR**, Marra KG, Kokai LE, Rubin JP. Clinical Trial to Determine Safety of Allograft Adipose Matrix for Soft Tissue Reconstruction. Pitt Plastic Surgery Resident Research Day, Pittsburgh, PA, June 22, 2018.
3. Bourne D, Ergo FM, Bliley J, James IB, Donnenberg AD, Donnenberg V, Branstetter B, Haas GL, Meyer EM, Marra KG, **Coleman SR**, Rubin JP. Stem Cell Therapy Enriched Fat Grafting for the Reconstruction of Craniofacial Deficits. Pitt Plastic Surgery Resident Research Day, Pittsburgh, PA, June 22, 2018
4. Bykowski MR, Goldstein JA, James IB, Stofman GM, **Coleman SR**, Bartlett SP, Rubin JP, Losee JE. Fat Graft Hypertrophy in the Face: A Case Series. Pitt Plastic Surgery Resident Research Day, Pittsburgh, PA, June 22, 2018.

5. Bourne D, Egro FM, Bliley J, James I, Meyer EM, Donnenberg V, Donnenberg A, Branstetter B, Marra KG, **Coleman SR**, Rubin JP. Stem Cell Therapy Enriched Fat Grafting for the Reconstruction of Craniofacial Defects. 63rd Annual Meeting of the Plastic Surgery Research Council, Birmingham, Alabama, May 2018.
6. Bourne DA, Egro FM, Bliley J, James IB, Meyer EM, Donnenberg A, Donnenberg V, Branstetter B, Marra K, **Coleman SR**, Rubin JP. Stem cell therapy enriched fat grafting for reconstruction of craniofacial deficits. Robert H. Ivy Pennsylvania Plastic Surgery Society 64th Annual Scientific Meeting, Hershey, PA. April 21, 2018.
7. Bourne D, Bliley J, James IB, Haas G, Meyer EM, Pfeifer M, Donnenberg A, Donnenberg V, Branstetter B, Mitchell R, Brown SA, Marra KG, **Coleman SR**, Rubin JP. A Prospective Clinical Trial Assessing Autologous Fat Transfer for Reconstruction of Craniofacial Deformities. Pitt Plastic Surgery Resident Research Day, Pittsburgh, PA, June 24, 2016.
8. Bourne D, Bliley J, James I, Haas G, Donnenberg AD, Donnenberg V, Branstetter B, Mitchel RTM, Brown SA, Marra KG, **Coleman SR**, Rubin JP. Reconstructing Craniofacial Trauma with Fat Grafting: Predictors of Successful Outcomes. AAPS/PSRC Joint Meeting (American Society of Plastic Surgeons/Plastic Surgery Research Council) New York, NY, May 19 – 22, 2016.
9. Bliley JM, Bourne DA, James IB, Sivak WN, Wang S, Schroth R, **Coleman SR**, Donnenberg A, Donnenberg V, Marra KG, Rubin JP. Reconstruction Following Craniofacial Trauma with Stromal Vascular Fraction Enriched Fat Grafts: Correlating in vitro Findings with Clinical Outcomes. Annual Meeting of the International Federation for Adipose Therapeutics and Science (IFATS). New Orleans, LA, November 5-8, 2015.
10. Grahovac TL, Philips BJ, **Coleman SR**, Haas G, Donnenberg VS, Donnenberg AD, Branstetter B, Hale R, Baer D, Marra KG, Rubin, JP. Interim Analysis of a Prospective Clinical Trial: Correlation of Biologic Parameters with Clinical Outcome in Craniofacial Fat Grafting. Plastic Surgery Research Council, Ann Arbor, MI on June 2012.