

RAFAEL A. COUTO, M.D.

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Phone (787) 422-0004
E-Mail info@coutoplasticsurgery.com
Languages English, Spanish
Interests Sports, research, art appreciation, salsa dancing, BBQ

Education

2008-2013	M.D., Medicine (Magna Cum Laude)	University of Puerto Rico Medical School, San Juan, PR
2003-2007	B.A., Biology (Cum Laude)	Boston University, Boston, MA

Residency & Fellowships

2019-2020	Fellow - Aesthetic Surgery: Face, Nose, Breast & Body	University of Texas Southwestern Medical Center, Dallas, TX
2018-2019	Chief Resident - Plastic & Reconstructive Surgery	Cleveland Clinic Foundation, Cleveland, OH
2013-2019	Residency - Plastic & Reconstructive Surgery	Cleveland Clinic Foundation, Cleveland, OH
2010-2011	Fellow - Research: Vascular Anomalies & Lymphedema	Children's Hospital / Harvard Medical School, Boston, MA

Work Experience

2020-Present	Plastic Surgeon/ Medical Director	Couto Plastic Surgery, San Juan, PR
2017-2019	Moonlighting - LTAC	Select Fairhill Hospital, Cleveland, OH
2017-2018	Moonlighting - Urgent Care	Sequent Walk-In Urgent Care, Lorain, OH

Research Grants

2015	Pacira Pharmaceutical Clinical Trial: Examining the efficacy of Liposomal Bupivacaine (Exparel®) for Postoperative Analgesia in Breast reconstruction Patients. Principal Investigator: Raymond Isakov, M.D.
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2020 Aesthetic Surgery Education & Research Foundation (ASERF)
Quantitative and Qualitative analysis of Bacterial Load Contamination in
Breast Implant Surfaces and Capsular Tissue
Principal Investigator: William P. Adams, M.D.

Honors & Awards

Chief Plastic Surgery Resident, Cleveland Clinic Foundation	2019
ASERF Travel Scholarship	2019
Second Place: Surgical Investigation, CCF Alumni Day	2018
Cleveland Clinic Innovator Award	2017
Research Medical Student Award, Univ. of PR Medical School	2013
Dr. Francisco Rafucci Surgical Rotation Award	2013
Academic Excellence Award, Univ. of PR Medical School	2013
Alpha Omega Alpha (AOA) Society Award, Univ. of PR Medical School	2012
First Place: Surgical Investigation, 32 nd Univ. of PR Medical School Forum	2012
Honor Scholarship Award, Univ. of PR Medical School	2009-2013
College of Liberal Arts and Sciences Dean's List, Boston University	2003-2007

Professional Societies

The Aesthetic Society- Candidate Member	2021-Present
Puerto Rico Plastic Surgery Society- Active Member	2021-Present
American Society of Plastic Surgery (ASPS)- Candidate Member	2020-Present
International Society of Plastic Surgery (ISAPS)-Candidate Member	2020- Present
Puerto Rico College of Physicians and Surgeons- Candidate Member	2019-Present
American Society of Maxillofacial Surgeons- Candidate Member	2016-Present
Plastic Surgery Research Council- Candidate Member	2016-Present
Alpha Omega Alpha (AOA) Medical Honor Society- Junior Year Member	2012-Present
American Cleft Palate-Craniofacial Association- Candidate Member	2012-2013
American College of Surgeons- Medical Student Member	2012-2013
American College of Physicians- Medical Student Member	2010-2013
American Medical Association- Medical Student Member	2010-2013
Association of Medical Students of Puerto Rico- Medical Student Member	2010-2013

Committees

Aesthetic Surgery Education & Research Foundation (ASERF)- Director	2022-Present
P.R. Plastic Surgery Society-Secretary	2021-Present
ASAPS IDE Committee	2020-2022
ASAPS Young Plastic Surgeon Committee	2018-Present
ASPS Clinical Trial Network Committee	2016-2019
Plastic Surgery Education Network (PSEN) Editorial Subcommittee	2016-2019
ASPS Curriculum Development Subcommittee	2015-2019
Plastic Surgery Education Network (PSEN) Curriculum Subcommittee	2015-2019
ASPS Annual Meeting Program and Instructional Course Committee	2015-2016
ASPS Research Development Committee	2014-2015

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ASPS Research Education Committee 2014-2015
ASPS Scientific Committee 2014-2015

Scholar Activity

Faculty: ASPS Facelift cadaver dissection & lecture course 2018, 2019
Aesthetic Surgery Journal Article Highlight Video 2017
Cosmetic Surgery Times 2017
Ad-hoc Reviewer, *Aesthetic Surgery Journal* 2016-Present
Ad-hoc Reviewer, *Aesthetic and Plastic Surgery Journal* 2016-2019
ASPS Meeting Scientific Abstract Evaluator 2016
Head/Neck Plastic Surgery Education Network 2015-2018
ASPS Research Industry Summit 2015
Resident Gateway Collection, *Journal of Plastic & Reconstructive Surgery* 2015

Research Experience

2009-2011 **Children's Hospital / Harvard Medical School**, Boston, MA
1. Vascular Anomalies
2. Cranioplasty
3. Lymphedema
2007-2008 **Brigham & Women's/Harvard Medical School**, Boston, MA
BFL-1 depletion in B-cells during EBV growth

Surgical Mission Trip

2018, 2019 **San Jorge Children's Hospital**, San Juan, PR
Robert Walton, M.D. – Northwestern Hospital
2018 **Rotary Club International**, Iquique, Chile
James A. Lehman, M.D. – Akron Children's Hospital
Niyant Patel, M.D. – Akron Children's Hospital
2016 **Rotary Club International**, Cañete, Chile
James A. Lehman, M.D. – Akron Children's Hospital
Daniel A. Medalie, M.D. – MetroHealth Hospital

Medical Licensures

State of Texas - R9739
State of Ohio - 35.131784
State of Florida- ME 143596
Commonwealth of Puerto Rico- 21271

Certification Exams

American Board of Plastic Surgery- Certified
USMLE Step 3 - Approved 2014
USMLE Step 2 - Approved 2012
USMLE Step 1 - Approved 2010
Advance Cardiac Life Support (ACLS) Certified - 2013, 2016, 2018

MEDICAL PUBLICATIONS

PEER-REVIEWED ARTICLES

1. Sinclair NR, **Couto RA**, Kochuba A, Matarasso A, Zins JE. Facelift Practice Patterns: An American Society of Plastic Surgeons (ASPS) Member Survey, 2000 and 2020. How Much Have We Changed? *Plastic & Reconstructive Surgery Journal*. 2022. Epub ahead of print.
2. **Couto RA**, Wiener TC, Adams WP. Evaluating Postoperative Outcomes of Patients Undergoing Elective Procedures in an Ambulatory Surgery Center During the COVID-19 Pandemic. *Aesthetic Surgery Journal*. 2021; 41(2):250-257.
3. Hashem AM, **Couto RA**, Surek C, Swanson M, Zins JE. Facelift Part II: Surgical Techniques and Complications. *Aesthetic Surgery Journal*. 2021.41(10):276-294.
4. **Couto RA**, Charafeddine AH, Sinclair NR, Nayak LM, Zins JE. Local Infiltration of Tranexamic Acid with Local Anesthetic Reduces Intraoperative Facelift Bleeding: A Preliminary Report. *Aesthetic Surgery Journal*.2020; 40(6): 587-593.
5. Lukavsky R, **Couto RA**, Adams Jr WP. Is Breast Implant-Associated Anaplastic Large Cell Lymphoma Better Classified as a Lymphoproliferative Disorder and How Surgeons Reduce Risk? *Clinics in Plastic Surgery*. 48(1):71-77.
6. Kurlander DE, Durand P, **Couto RA**, Lamaris GA, Kaza AG, Swanson M, Gatherwright J, Kaufman BR. The muscle-sparing descending branch latissimus dorsi free flap for lower extremity reconstruction. *Plastic & Reconstructive Surgery*. 2020;145(2): 412e-420e.
7. Charafeddine AH, **Couto RA**, Zins JE. Neck Rejuvenation: Anatomy and Technique. *Clinics in Plastic Surgery*. 2019; 46(5): 573-586.
8. **Couto RA**, Charafeddine AH, Zins JE. Facelift in Patients with Massive Weight Loss. *Clinics in Plastic Surgery*. 2019; 46(4): 559-571.

9. **Couto RA**, Sinclair NR, Lamarinis G, Durand P, Knackstedt R, Aliotta R, Gastman BR. Challenges in Microsurgical Reconstruction for Craniofacial Osteomyelitis with Resultant Osteonecrosis. *Journal of Craniofacial Surgery*. 2019; 30(7): 1960-1965.
10. Knackstedt R, **Couto RA**, Ko J, Cakmakoglu C, Wu D, Gastman BR. Indocyanine Green Fluorescence Imaging with Lymphoscintigraphy for Sentinel Node Biopsy in Melanoma: Increasing the Sentinel Node-Positive Rate. *Annals of Surgical Oncology*. 2019; 26(11): 3550-3560.
11. Waltzman J, Zins JE. **Couto RA**. Face and Neck Lifting After Weight Loss Population. *Clinics in Plastic Surgery*. 2019; 46(1):105-114.
12. Kwiecien GJ, Rueda S, **Couto RA**, Hashem A, Nagel, Schwarz GS, Zins JE, Gastman BR. Long-term Outcomes of Cranioplasty: Titanium Mesh is Not a Long-term Solution in High-Risk Patients. *Annals of Plastic Surgery*. 2018;81(4):416-422.
13. Knackstedt T, Knackstedt RW, **Couto RA**, Gastman BR. Malignant Melanoma: Diagnostic and Management Update. *Plastic & Reconstructive Surgery*. 2018; 142(2): 202e-216e.
14. **Couto RA**, Lamarinis GA, Knackstedt R, Alleyne B, Durand P, Rueda S, Gastman BR. Determining the False Negative Rate Using Fluorescence Image Assisted Sentinel Lymph Node Biopsy in Cutaneous Melanoma. *Annals of Plastic Surgery*. 2018.80(1): 54-58.
15. Knackstedt RW, **Couto RA**, Gastman, BR. Indocyanine green fluorescence imaging with lymphoscintigraphy for sentinel node biopsy in head and neck melanoma. *Journal of Surgical Research*. 2018; 228: 77-83.
16. Frautschi RS, Duraes EF, Tadisina KK, **Couto RA**, Zins JE. Apparent Age is a Reliable Assessment Tool in 20 Facelift Patients. *Aesthetic Surgery Journal*. 2018; 38(4): 347-356.
17. **Couto RA**, Lamarinis GA, Baker TA, Hashem AM, Tadisina K, Durand P, Rueda S, Orra S, Zins JE. Age as a Risk Factor for Abdominoplasty. *Aesthetic Surgery Journal*. 2017; 37(5): 550-556.
18. Trosman SJ, Haffey TM, **Couto RA**, Fritz MA. Large Orbital Defect Reconstruction in the Setting of Globe-Sparing Maxillectomy: the Titanium Hammock and Layered Fibula Technique. *Microsurgery Journal*. 2018;38 (4): 354-361.
19. Lamarinis GA, Knackstedt R, **Couto RA**, Abedi N, Durand P, Gastman BR. The Anterolateral Thigh Flap as the Flap of Choice for Scalp Reconstruction. *Journal of Craniofacial Surgery*. 2017; 28(2): 472-476.
20. Hashem AM, **Couto RA**, Waltzman JT, Drake RL, Zins JE. Evidence Based Medicine: A Graded Approach to Lower Lid Blepharoplasty. *Plastic & Reconstructive Surgery Journal*. 2017; 139(1): 139e-150e.

21. Durand PD, **Couto RA**, Isakov R, Gurunluoglu R, Bernard S. Adipofascial Flap in the Recipient Site for Coverage of Vascular Pedicle in Free Tissue Transfer. *Plastic & Reconstructive Surgery Journal*. 2016; 137(3): 1039-1041.
22. Durand PD, **Couto RA**, Isakov R, Yoo B, Azizzadeh B, Guyuron B, Zins JE. Botulinum Toxin and Muscle Atrophy: A Wanted and Unwanted Effect. *Aesthetic Surgery Journal*. 2016; 36(4): 482-487.
23. Lamaris GA, Carlisle MP, **Couto RA**, Durand P, Hendrickson MF. Maximizing the Reach of the Pedicled Gastrocnemius Muscle Flap: A Comparison of Two surgical Approaches. *Annals of Plastic Surgery*. 2016; 78(3): 342-346.
24. **Couto RA**, Waltzman JT, Tadisina KK, Rueda S, Richards BG, Schleicher WF, Marten E, Larson JD, Rotember SC, Zins JE. Objective Assessment of Facial Rejuvenation after Massive Weight Loss. *Aesthetic Plastic Surgery Journal*. 2015; 39 (6): 847-855.
25. Tadisina KK, Kwiecien G, **Couto RA**, Lamaris G, Zins JE, Matthew M. Who is Publishing in Hand Surgery? A Citation Analysis across Specialties Over Five Decades. *Plastic & Reconstructive Surgery*. 2015; 136(4): 24-25.
26. Gwanmesia I, **Couto RA**, Papay F. A Cadaveric Study Comparing the Efficacy of the Sheen spreader Graft Technique and the Fulcrum Spreader Graft Technique. *Plastic & Reconstructive Surgery*. 2015; 136(4): 669-676.
27. Maclellan RA, **Couto RA**, Sullivan JE, Grant FD, Slavin SA, Greene AK. Management of Primary and Secondary Lymphedema: Analysis of 225 Referrals Center. *Annals of Plastic Surgery*. 2015; 75(2): 197-200.
28. **Couto RA**, Zequeira JJ, Vicent HL. Recalcitrant Coloanal Strictures in Children Managed by Transanal Circular Stapled Reanastomosis. *Journal of Pediatric Surgery*. 2014; 49(11): 1686-1688.
29. **Couto RA**, Hassanein AH, Maclellan RA, Greene AK. Infantile Hemangioma in All Four Siblings: A Rare Non-Hereditary Occurrence. *Journal of Pediatric Dermatology*. 2013; 30(3): 14-15.
30. Hassanein AH, **Couto RA**, Kurek KC, Rogers GF, Greene AK. Experimental Comparison of Cranial Particulate Bone Graft, rhBMP-2, and Split Cranial Bone Graft for Inlay Cranioplasty. *Cleft Palate and Craniofacial Journal*. 2013; 50(3): 358-362.
31. **Couto RA**, Maclellan RA, Zurakowsky, D, Greene AK. Infantile Hemangioma: Clinical Assessment of the Involuting Phase and Implications for Management. *Plastic & Reconstructive Surgery*. 2012; 130(3): 619-624.
32. Hassanein AH, **Couto RA**, Mulliken JB, Rogers GF, Greene AK. Re-harvested Cranial Particulate Bone Graft Ossifies Calvarial Defects. *Journal of Craniofacial Surgery*. 2012; 23(5): 1499-1501.

33. Hassanein AH, Arany PR, **Couto RA**, Clune JE, Glowacki J, Rogers GF, Mulliken JB, Greene AK. Cranial Particulate Bone Graft Ossifies Calvarial Defects by Osteogenesis. *Plastic & Reconstructive Surgery*. 2012; 129(5): 796e-802e.
34. **Couto RA**, Mulliken JB, Padwa BJ, Hassanein AH, Greene AK. Facial Infiltrating Lipomatosis: Expression of Angiogenic and Vasculogenic Factors. *Journal of Craniofacial Surgery*. 2011; 22(6): 2405-2408.
35. **Couto RA**, Kulungowski AM, Fishman SJ, Greene AK. Expression of Angiogenic and Vasculogenic Factors in Human Lymphedematous Tissue. *Lymphatic Research and Biology*. 2011; 9(3): 143-149.
36. Hassanein AH, **Couto RA**, Nedder A, Zielins E, Greene AK. Critical Size Defect Ossification: Effect of Leporid Age in a Cranioplasty Model. *Journal of Craniofacial Surgery*. 2011; 22(6): 2341-2346.
37. Greene AK, **Couto RA**. Oral Prednisolone for Infantile Hemangioma: Efficacy and Safety Using a Standardized Treatment Protocol. *Plastic and Reconstructive Surgery*. 2011; 128(3): 743-752.

EDITORIALS & COMMENTARIES

1. **Couto RA**. Commentary: The Combined Effect of Intravenous and Topical Tranexamic Acid in Liposuction: A Randomized Double-Blinded Controlled Trial. *Aesthetic Surgery Journal Open Forum*. 2021. 3(1): 37-39.
2. **Couto RA**, Kenkel JM. Commentary: Ultrasound to improve the safety and efficacy of lipofilling of the temple. *Aesthetic Surgery Journal*. 2021. 41(5):613-615.
3. Zins JE, **Couto RA**. Commentary: Longitudinal Assessment of Aesthetic Plastic Surgery Training in the United States: The Effect of Increased ACGME Case Log Minimum Requirements. *Aesthetic Surgery Journal*. 2018; 36(4): 83-84.
4. **Couto RA**, Gurunluoglu R. Discussion: An Argument for Salvage in Severe Lower Extremity Trauma with Posterior Tibial Nerve Injury: The Ganga Hospital Experience. *Plastic & Reconstructive Surgery*. 2015; 136(6): 353-355.
5. Greene AK, **Couto RA**. Reply: Oral Prednisolone for Infantile Hemangioma: Efficacy and Safety using Standardized Treatment Protocol. *Plastic and Reconstructive Surgery*. 2012; 129(5): 841.

BOOK CHAPTERS

1. **Couto RA**, Sieber D, Adams WP, Jr. “Chapter 58: Breast Augmentation.” In: Rohrich RJ, Sinno S, Afroz PN Editors. Dallas Cosmetic Surgery: Finesse and Consistency-A Video Guide. 1st ed. Thieme Medical Publishers. New York, NY. 278-288.
2. **Couto RA**, Adams WP, Jr. “Chapter 67: Tuberos/Constricted Breast.” In: Rohrich RJ, Sinno S, Afroz PN Editors. Dallas Cosmetic Surgery: Finesse and Consistency-A Video Guide. 1st ed. Thieme Medical Publishers. New York, NY. 315-325.
3. Hashem AM, **Couto RA**, Cakmakoglu C, Duraes EF, Zins JE. “Face and Neck Rejuvenation.” In: Mast B Editor. Plastic Surgery: A Practical Guide to Patient Care. Thieme Medical Publishers. New York, NY *In press*.
4. Waltzman J, **Couto RA**, Zins JE. “Chapter 12: Neck Rejuvenation.” In: Neligan P, Rubin P, Editors. Plastic Surgery: Aesthetic. 4th ed. Elsevier. Oxford, UK. 2017:230-244.
5. **Couto RA**, Greene AK. “Chapter 7: Arteriovenous Malformations: Extracranial.” In Rahbar R, Galindo-Rodriguez C, Meara J, Smith E Editors. “Pediatric Head and Neck Tumors: A-Z Guide to Presentation and Multimodality Management,” Springer Science. Berlin, GER. 2014: 55-62.
6. **Couto RA**, Greene AK. “Chapter 9: Capillary Malformations.” In Rahbar R, Galindo-Rodriguez C, Meara J, Smith E Editors. “Pediatric Head and Neck Tumors: A-Z Guide to Presentation and Multimodality Management,” Springer Science Berlin, GER. 2014:73-80.
7. **Couto RA**, Greene AK. “Chapter 24: Hemangioma and Vascular Tumors.” In Rahbar R, Galindo-Rodriguez C, Meara J, Smith E Editors. “Pediatric Head and Neck Tumors: A-Z Guide to Presentation and Multimodality Management,” Springer Science. Berlin, GER. 2014:183-192.
8. **Couto RA**, Greene AK. “Chapter 45: Venous Malformations.” In Rahbar R, Galindo-Rodriguez C, Meara J, Smith E Editors. “Pediatric Head and Neck Tumors: A-Z Guide to Presentation and Multimodality Management,” Springer Science. Berlin, GER. 2014: 379-386.

REGIONAL & NATIONAL MEETINGSS

POSTER PRESENTATIONS

1. Split Latissimus Dorsi Flap for Lower Extremity Reconstruction. 59th Ohio Valley Society of Plastic Surgeons. Dayton, Ohio: June 2016.
2. Safety of Abdominoplasty in the Elderly. 59th Ohio Valley Society of Plastic Surgeons. Dayton, OH: June 2016.
3. Objective Assessment of Facial Rejuvenation in the Massive Weight Loss Patients. 67th American Association of Plastic Surgery. Scottsdale, Arizona: March 2015.
4. Persistent Central Carpal Row Ossicle in a Sporadic Case of Holt Oram Syndrome. 67th American Association of Plastic Surgery. Scottsdale, Arizona: March 2015.
5. Free Tissue Reconstruction of Complex Osteoradionecrosis Wounds in the Mandible, Scalp, Lumbar Spine, and Orbital Rim. 58th Ohio Valley Society of Plastic Surgeons. Kentucky: March 2015.
6. Infantile Hemangioma: Clinical Assessment of the Involuting Phase and Implications for Management. 32nd Investigational Annual Forum of the UPR School of Medicine. San Juan, PR: March 28, 2012.
7. Critical Size Defect Ossification: Effect of Leporid Age in a Cranioplasty Model. Dr. M. Judah Folkman Research Day 2011. Boston, MA: May 11, 2011.
8. Facial Infiltrating Lipomatosis: Expression of Angiogenic and Vasculogenic Factors. Dr. M. Judah Folkman Research Day 2011. Boston, MA: May 11, 2011.
9. Cranial Particulate Bone Graft: Determination of the Mechanism for Ossification of Calvarial Defects. 7th Annual Symposium in Cellular, Molecular, and Clinical Research in Surgery. Boston, MA: November 30, 2010.
10. Oral Prednisolone for Infantile Hemangioma: Efficacy and Safety Using a Standardized Treatment Protocol. 10th Annual New England Science Symposium. Boston, MA: April 1, 2011.
11. Oral Prednisolone for Infantile Hemangioma: Efficacy and Safety Using a Standardized Treatment Protocol. 7th Annual Symposium in Cellular, Molecular, and Clinical Research in Surgery. Boston, MA: November 30, 2010.

ORAL PRESENTATIONS

1. A Comparison of Liposomal Bupivacaine and Bupivacaine HCl: A Prospective Randomized Control Pilot Study on Implant-Based Breast Reconstruction Patients. 61st Ohio Valley Society of Plastic Surgeons, Cleveland, OH: June 1, 2018.
2. False Negative Rate: Spy-Elite assisted Sentinel Lymph Node Biopsy in Consecutive Cutaneous Melanoma Patients. 68th American Association of Plastic Surgeons. New York City, NY: May 22, 2016.
3. Abdominal Wall Reconstruction with Free Flaps: An Alternate Approach to an Increasingly Common Problem. 68th American Association of Plastic Surgeons. New York City, NY: May 22, 2016.
4. Safety of Abdominoplasty in the Elderly. The Aesthetic Meeting 2016. Las Vegas, NV: April 3, 2016.
5. Are We Losing Our Grip On Academic Hand Surgery? American Society of Plastic Surgery Meeting 2012. Boston, MA: October 18, 2015.
6. False Negative Rate: Spy-Elite Assisted Sentinel Lymph Node Biopsy in Consecutive Cutaneous Melanoma Patients. 58th Ohio Valley Society of Plastic Surgeons: March 23, 2015.
7. Are We Losing Our Grip On Academic Hand Surgery? 58th Ohio Valley Society of Plastic Surgeons, Dayton, OH: March 23, 2015.
8. Transanal Circular Stapled Reanastomosis: Alternative Management for Recalcitrant Coloanal Strictures in the Pediatric Population. Rafucci Surgical Symposium. San Juan, PR: February 16, 2013.
9. Lymphedema: Current Management and Research. Barnes-Jewish Hospital Washington University, Dept. of Plastic Surgery Grand Rounds. St. Louis, MO: November 13, 2012.
10. Capillary Malformation: Expression of Angiogenic and Vasculogenic Factors. American Society of Plastic Surgery Meeting 2012. New Orleans, LA: October 27, 2012.
11. Lymphedema: Current Management and Research. Yale New Haven Medical Center, Dept. of Plastic Surgery Grand Rounds. New Haven, CT: October 25, 2012.
12. Lymphedema: Current Management and Research. University of Pittsburgh Medical Center, Dept. of Plastic Surgery Grand Rounds. Pittsburgh, PA: August 29, 2012.
13. Infantile Hemangioma: Clinical Assesment of the Involuting Phase and Implications for Management. New England Society of Plastic and Reconstructive Surgeons 53rd Annual Meeting. Woodstock, VT: June 2, 2011.
14. Capillary Malformation: Expression of Angiogenic and Vasculogenic Factors. New England Society of Plastic and Reconstructive Surgeons 53rd Annual Meeting. Woodstock, VT: June 2, 2012.
15. Cranial Particulate Bone Graft Ossifies Calvarial Defects by Osteogenesis. 69th American Cleft Palate-Craniofacial Association Annual Meeting. San Jose, CA: April 20, 2012.

16. Experimental Comparison of Cranial Particulate Bone, Bone Morphogenetic Protein, and Split Cranial Bone for Inlay Cranioplasty. 69th American Cleft Palate- Craniofacial Association Annual Meeting. San Jose, CA: April 20, 2012.
17. Re-harvested Cranial Particulate Bone Graft Ossifies Inlay Calvarial Defects in an Animal Model. 69th American Cleft Palate- Craniofacial Association Annual Meeting. San Jose, CA: April 20, 2012.
18. Expression of Angiogenic and Vasculogenic Factors in Human Lymphedematous Tissue. 28th Northeastern Society of Plastic Surgeons. Amelia Island, FL: October 21, 2011.
19. Cranial Particulate Bone Graft Ossifies Calvarial Defects by Osteogenesis. 28th Northeastern Society of Plastic Surgeons. Amelia Island, FL: October 21, 2011.
20. Clinical and Research Fellowship Experience: Vascular Anomalies and Cranioplasty. Children's Hospital Boston Plastic Surgery Conference. Boston, MA: July 8, 2011.
21. Oral Prednisolone for Infantile Hemangioma: Efficacy and Safety Using a Standardized Treatment Protocol. New England Society of Plastic and Reconstructive Surgeons 52nd Annual Meeting. Brewster, MA. June 4, 2011.