

# **CURRICULUM VITAE**

## **Ketan M. Patel, MD**

### **PERSONAL DATA**

#### **Hospital Address**

University of Southern California  
Division of Plastic Surgery  
1510 San Pablo St. Suite 415  
Los Angeles, CA 90033

#### **Home Address**

4030 Batris Ct.  
Calabasas, CA 91302  
Phone: +1-323-574-7833  
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**Marital Status:** Married; Ashley E. Turek, MD; Board-certified Pediatrician

#### **University Appointments**

2014-present: Assistant Professor of Surgery, University of Southern California  
2018-present: Associate Professor of Surgery, University of Southern California  
2018-present: Director, Center for Advanced Lymphedema Treatment and Surgery

#### **Hospital Appointments**

2016-present: Los Robles Regional Medical Center. Thousand Oaks, CA  
2014-present: USC/Keck University Hospital. Los Angeles, CA  
2014-present: USC+LAC Hospital, Los Angeles, CA  
2014-present: USC/Verdugo Hills Hospital, La Canada-Flintridge, CA  
2014-present: Children's Hospital of LA, Los Angeles, CA

### **CERTIFICATION**

#### **Medical Licenses**

2012-District of Columbia-Active  
2014-California-Active

#### **Medical Boards**

2013-American Board of Plastic Surgery (written exam) Pass  
2014-American Board of Plastic Surgery (oral exam)-Pass

### **EDUCATION AND TRAINING**

### **Degrees**

- 2003: Bachelors of Science, Biology and Economics; University of Miami
- 2007: Doctor of Medicine; Indiana University School of Medicine

### **Undergraduate Education**

- 1999-03: University of Miami; Miami, FL

### **Graduate Education**

- 2003-07: Indiana University School of Medicine; Indianapolis, IN

### **Postdoctoral Training**

- 2007-08: Intern in Surgery, Georgetown University Hospital, Washington, DC
- 2008-12: Resident in Plastic Surgery, Georgetown University Hospital, Washington, DC
- 2012-13: Chief Resident in Plastic Surgery, Georgetown University Hospital, Washington, DC
- 2013-14: Fellow in Reconstructive Microsurgery, Chang Gung Memorial Hospital, Taipei, Taiwan

### **Undergraduate and Graduate Activities**

- 2000-01: Part-time Research Assistant; Miami Project to Cure Paralysis, University of Miami Medical Center, Miami, FL. Advisor: Martin Oudega, Ph.D
- 2001-02: Genetics Laboratory Assistant; University of Miami, Department of Biology, Miami, FL. Advisor: Colin Hughes, Ph.D
- 5/2002-8/02: Clinical Research Assistant; Northwestern Feinberg School of Medicine, Chicago, IL. Advisor: Michael Jones, MD
- 5/2004-8/04: Research Internship; Indiana University School of Medicine, Indianapolis, IN. Advisor: Daniel Meldrum, MD
- 2006-07: Part-time Research Assistant; Indiana University School of Medicine, Indianapolis, IN. Advisor: Daniel Meldrum, MD

### **Additional Activities**

- 2012-current: Reviewer- Plastic and Reconstructive Surgery Journal
- 2013-2014: Curriculum Development Committee: Plastic Surgery Education Network (PSEN)
- July 2014: Visiting Scholars Program: Asan Medical Center, Seoul, Korea. Advisor: JP Hong, MD, MBA
- 2014-current: Reviewer-Journal of Reconstructive Microsurgery
- 2015-current: Editorial Board- Gland Surgery Journal
- 2015-current: Associate Editor; Reconstructive & Oncoplastic Surgery Section- Journal Surgical Oncology

## **ORGANIZATIONAL ACTIVITIES**

### **Professional Societies**

2013-current: American Society of Reconstructive Microsurgery- member

2014-current: American Society of Plastic Surgeons- member

### **Educational Symposiums/Meeting**

June 2018: 1<sup>st</sup> Annual Multidisciplinary Approach to Lymphedema and Related Disorders-**Course Director**

## **RECOGNITION**

### **Awards and Honors**

09/2016: Best Paper Presentation; Annual Meeting of American Society of Plastic Surgeons

2012-13: 1<sup>st</sup> Annual Distinguished Resident in Microsurgery Award; Georgetown Plastic Surgery Residency

2012-13: "Best Breast Paper" Award-ASPS Senior Residents Conference, Chicago, IL

2012-13: Administrative Chief Resident; Georgetown Plastic Surgery Residency

08/2011: Lifecell Corp. Travelling Grant Recipient

2009-10: 2<sup>nd</sup> Annual Distinguished Resident in Wound/Extremity Plastic Surgery Service Award; Georgetown Plastic Surgery Residency

2003-07: Alpha Omega Alpha (*AΩA*) Medical Honors Society

2005-07: Honors Program in Surgery

2004-07: Research Program in Academic Medicine

1999-03: Graduate with Special Honors; Bachelors of Science Degree; University of Miami, FL

1999-03: Henry King Stanford Academic Scholarship; Univ. of Miami, FL

1999-03: Provost's Honors List; Univ. of Miami, FL

1999-03: Dean's Honors List; Univ. of Miami, FL

## **SCIENTIFIC PUBLICATIONS**

**ResearchGate Score: 38.06**

### **Journal Supplements (editor/co-editor)**

1. Reconstructive and Oncoplastic Surgery. Editors: *Patel KM*, Nahabedian MY  
Journal of Surgical Oncology. In Press 2016.

2. Innovations and Technology in Surgery. Editors: **Patel KM**, Sosin M. Annals of Translational Medicine. In Press 2016.

### **Manuscripts (Peer-Reviewed)**

- 1 Shauly O, Gould DJ, Siddiqi I, **Patel KM**. Emerging Non-Surgical and Surgical Techniques to Treat Erectile Dysfunction: A Systematic Review of Treatment Options and Published Outcomes. J Plast Reconstr Aesthet Surg 2019. In Press.
- 2 Shauly O, Gould DJ, Siddiqi I, **Patel KM**, Carey JN. The First Reported Case of Gluteal Implant-Associated Anaplastic Large Cell Lymphoma (ALCL). Aesthet Surg J. 2019 In Press.
- 3 Iker E, Mayfield CK, Gould DJ, **Patel KM**. Characterizing Lower Extremity Lymphedema and Lipedema with Cutaneous Ultrasonography and an Objective Computer-Assisted Measurement of Dermal Echogenicity. Lymph Res Biol. In Press 2019.
- 4 Azadgoli B, Gould DJ, Vartanian E, **Patel KM**. The Public's Perception on Breast and Nipple Reconstruction: A Crowdsourcing-Based Assessment. Aesthet Surg J. 2018 In Press.
- 5 Bowen CM, Landau MJ, Badash I, Gould DJ, **Patel KM**. Primary Tumors of the Hand: Functional and Restorative Management. J Surg Oncol. 2018 In Press.
- 6 Shauly O, Gould DJ, **Patel KM**. Microtexture and the Cell/Biomaterial Interface: A Systematic Review and Meta-Analysis of Capsular Contracture and Prosthetic Breast Implants. Aesthet Surg J. 2018 In Press.
- 7 **Patel KM**, Shauly O, Gould DJ. Introducing the Subdermal Free Flap: Preserving the ultra-thin Free Skin Flap Option in Morbidly Obese Patients. J Surg Oncol. 2018 In Press.
- 8 Gould D, Mehrara B, Neligan P, Cheng MH, **Patel KM**. Lymph Node Transplantation for the Treatment of Lymphedema. J Surg Oncol. 2018 In Press.
- 9 Howell A, Gould D, Samakar K, Hassani C, **Patel KM**. Anatomic Basis of the Gastroepiploic Vascularized Lymph Node Transfer: A Radiographic Evaluation Using Computed Tomography Angiography (CTA) Plast Recon Surg 2018. In Press.

- 10 Vartanian E, Gould DJ, Lee S, **Patel KM**. Pilonidal Disease: Classic and Contemporary Concepts for Surgical Management. *Ann Plast Surg*. 2018. *In Press*.
- 11 Pappalardo M, **Patel K**, Cheng MH. Vascularized Lymph Node Transfer for Treatment of Extremity Lymphedema: An Overview of Current Controversies Regarding Donor Sites, Recipient Sites, and Outcomes. *J Surg Oncol*. 2018 Mar 24.
- 12 Badash I, Gould DJ, **Patel KM**. Supermicrosurgery: History, Applications, Training and the Future. *Front Surg*. 2018; 21(5): 23-28.
- 13 Badash I, Burt KE, Leland HA, Gould DJ, Rounds AD, Azadgoli B, **Patel KM**, Carey JN. Outcomes of Soft Tissue Reconstruction for Traumatic Lower Extremity Fractures with Compromised Vascularity. *Am Surg*. 2017; Oct 1,83(10): 1161-1165.
- 14 Landau MJ, Badash I, Yin C, Alluri RK, **Patel KM**. Free Vascularized Fibula Grafting in the Operative Treatment of Malignant Bone Tumors of the Upper Extremity: A Systematic Review of Outcomes and Complications. *J Surg Oncol*. 2018; Jun; 117(7): 1432-1439.
- 15 Kim JS, Bonsu NY, Leland HA, Carey JN, **Patel KM**, Seruya M. A Systematic Review of Prognostic Factors for Sensory Recovery After Digital Nerve Reconstruction. *Ann Plast Surg*. 2018; 5 (80): S311-316.
- 16 Schaverien MV, Badash I, **Patel KM**, Selber JC, Cheng MH. Vascularized Lymph Node Transfer for Lymphedema. *Semin Plast Surg*. 2018; 32(1): 28-35.
- 17 Rounds A, Burt K, Leland H, Alluri R, **Patel K**, Carey J. Functional Outcomes of Traumatic Lower Extremity Reconstruction. *J Clin Orthop and Trauma*. 2019; 10(1): 178-181.
- 18 Alluri R, Lin C, Iorio M, Leland H, Wong J, **Patel K**. Vascularized Bone Grafting in Scaphoid Nonunion: A Review of Patient-Centered Outcomes. *HAND*. 2017; 12(2): 127-134
- 19 Alluri R, Yin C, Iorio M, Leland H, Mack J, **Patel K**. A Critical Appraisal of Vascularized Bone Grafting for Scaphoid Nonunion: A Systematic Review of Surgical and Functional Outcomes. *J Wrist Surg*. 2017;6(3):251–257.

- 20 Leland H, Rounds A, Burt K, Gould D, Marecek G, Alluri R, **Patel K**, Carey J. Soft Tissue Reconstruction and Salvage of Infected Fixation Hardware in Lower Extremity Trauma. *Microsurgery*. 2017
- 21 Fahradyan A, El-Sabawi B, **Patel KM**. Understanding Patient Expectations of Lymphedema Surgery. *Plast Recon Surg* 2017. In Press.
- 22 Landau MJ, Kim JS, Gould DJ, **Patel KM**. Vectra 3D Imaging for Quantitative Volumetric Analysis of the Upper Limb: A Feasibility Study for Tracking Outcomes of Lymphedema Treatment. *Plast Recon Surg* 2017. In Press.
- 23 El-Sabawi B, Ho AL, Sosin M, **Patel KM**. Patient-centered Outcomes of Breast Reconstruction in the Setting of Post-mastectomy Radiotherapy: A Comprehensive Review of the Literature. *Journ Plast Reconstr Aesthet Surg*. 2017; Jun 70(6): 768-780.
- 24 Gould DJ, Leland HA, Ho AL, **Patel KM**. Emerging trends in social media and plastic surgery. *Ann Transl Med*. 2016 Dec;4(23):455.
- 25 Cheng MH, Lin CY, **Patel KM**. A prospective clinical assessment of anatomic variability of the submental vascularized lymph node flap. *J Surg Oncol*. 2017; Jan 115(1): 43-47.
- 26 Landau MJ, Gould DJ, **Patel KM**. Advances in fluorescent-image guided surgery. *Ann Transl Med*. 2016 Oct;4(20):392.
- 27 Manrique OJ, Leland HA, Langevin CJ, Wong A, Carey JN, Ciudad P, Chen HC, **Patel KM**. Optimizing Outcomes following Total and Subtotal Tongue Reconstruction: A Systematic Review of the Contemporary Literature. *J Reconstr Microsurg*. 2017. In Press.
- 28 Ricci JA, Crawford K, Ho OA, Lee BT, **Patel KM**, Iorio ML. Practical Guidelines for Venous Thromboembolism Prophylaxis in Free Tissue Transfer. *Plast Reconstr Surg*. 2016 Nov;138(5):1120-1131.
- 29 Burt KE, Rounds AD, Leland HA, Alluri RK, **Patel KM**, Carey JN. Patient and Surgical Factors Contributing to Perioperative Infection in Complex Lower Extremity Trauma. *Am Surg*. 2016 Oct;82(10):940-943.
- 30 Sosin M, Yin C, Poysofophon P, **Patel KM**. Concepts and Physiologic Principles of Lymphatic Microsurgery. *Journ of Recon Micro* 2016. *J Reconstr Microsurg*. 2016 Oct;32(8):571-579.

- 31 Nahabedian MY, **Patel KM**. Autologous Flap Breast Reconstruction. *Journ Surg Onc* 2016. In Press.
- 32 Ho A, Carre L, **Patel KM**. Oncologic Reconstruction: General Principles and Techniques. *J Surg Oncol*. 2016 Jun;113(8):852-64.
- 33 Alluri R, Lin C, Iorio M, Leland H, Wong J, **Patel KM**. Vascularized Bone Grafting in Scaphoid Nonunion: A Review of Patient-Centered Outcomes. *Hand*. 2016. In Press.
- 34 El-Sabawi B, Carey JN, Hagopian TM, Sbitany H, **Patel KM**. Radiation and Breast reconstruction: Algorithmic approach and evidence-based outcomes. *Journ Surg Onc*. 2106. In Press.
- 35 El-Sabawi B, Sosin M, Carey JN, Nahabedian MY, **Patel KM**. Breast Reconstruction and adjuvant therapy: A systematic review of surgical outcomes. *Journ Surg Onc*. 2015 Dec; 112(5) 458-64.
- 36 **Patel KM**, Manrique O, Sosin M, Hashmi MA, Poysophon P, Henderson R. Lymphatic mapping and lymphedema surgery in the breast cancer patient. *Gland Surg*. 2015 Jun;4(3):244-56.
- 37 Niacaris T, Wong VW, **Patel KM**, Januszyk M, Starnes T, Murphy MS, Higgins JP. Common radiographic imaging modalities fail to accurately predict capitae morphology. *Hand*. Sep;10(3):444-9. 2015.
- 38 Sosin M, Pulcrano M, Feldman ED, **Patel KM**, Nahabedian MY, Weissler JM, Rodriguez ED. Giant juvenile fibroadenoma: a systematic review with diagnostic and treatment recommendations. *Gland Surgery*. Aug;4(4):312-21. 2015.
- 39 Sosin M, Lin CH, Steinberg JS, Iorio ML, **Patel KM**. Functional Donor Site Morbidity following Vascularized Toe Transfer Procedures: A Review of the Literature and A Biomechanical Approach to Management. *Ann Plast Surg* 2015. In Press.
- 40 Kaminsky AJ, **Patel KM**, Cocilovo C, Nahabedian MY, Miraliakbari R. The Biplanar Oncoplastic Technique Case Series: A 2-Year Review. *Gland Surg*. Jun 4(3):257-62. 2015.
- 41 Nguyen DH, Chou PY, Hsieh YH, Momeni A, Fang YH, **Patel KM**, Yang CY, Cheng MH. Quantity of Transferred Vascularized Lymph Nodes Correlates With

- Improvement in Lymphatic Drainage in a Rat Lymphedema Model. *Microsurgery Journal* 2015. In Press.
- 42 **Patel KM**, Manrique O, Sosin M, Hashmi MA, Poysophon P, Henderson R. Lymphatic Mapping and Lymphedema Surgery in the Breast Cancer Patient. *Gland Surg.* Jun;4(3):244-56. 2015.
- 43 **Patel KM**, Lin CY, Cheng MH. A Prospective Evaluation of Lymphedema-Specific Quality of Life Outcomes Following Vascularized Lymph Node Transfer. *Ann Surg Onc* 2014. In Press.
- 44 **Patel KM**, Yang CY, Nguyen DH, Chou PY, Cheng MH. Monitoring Patient-Centered Outcomes Through the Progression of Breast Reconstruction: A Multi-Centered Prospective Longitudinal Evaluation. *Breast Canc Res Treat* 2014. In Press.
- 45 **Patel KM**, Lin CY, Cheng MH. From Theory to Evidence: Evaluating the Mechanism of Action and Flap Integration of Distal Vascularized Lymph Node Transfers At Long Term Follow-Up. *Journ Recon Micro* 2014. In Press.
- 46 Fan K, **Patel KM**, Mardini S, Levin SL, Attinger CE, Evans KK. Evidence to Support Controversy in Microsurgery. *Plast Recon Surg* 2014. Mar; 135(3): 595e-608e.
- 47 **Patel KM**, Lin CY, Cheng MH. Pre-planning Vascularized Lymph Node Transfer with Duplex Ultrasonography: An Evaluation of Three Donor Sites. *PRS-GO* 2014. In Press.
- 48 Shuck J, **Patel KM**, Franklin B, Fan KL, Hannan L, Nahabedian MY. The Impact of Connective Tissue Disease on Outcomes Following Oncologic Breast Surgery and Reconstruction. *Ann Plast Surg* 2014. In Press.
- 49 **Patel KM**, Terlouw R, M Sosin, Nahabedian MY. Patient-Centered Decision Making in Breast Reconstruction Utilizing the Delayed-Immediate Algorithm. *J Plast Reconstr Aesthet Surg* 2014. Apr 67(4): 477-82.
- 50 Yang CY, Nguyen DH, Chou PY, **Patel KM**, Cheng MH. Developing a Lower Limb Lymphedema Animal Model with Combined Lymphadenectomy and Low-Dose Radiation. *PRS-GO* 2014. In Press.
- 51 Means KR, **Patel KM**, Dubin NH, Pletka JD. Long-Term Outcomes Following Single-Port Endoscopic Carpal Tunnel Release. *Hand* 2014. Sep 9(3); 384-8.



- 52 Albino F, **Patel KM**, Nahabedian MY. Delayed versus Delayed-Immediate Autologous Breast Reconstruction: A Blinded Evaluation of Aesthetic Outcomes. Arch Plast Surg 2014. In Press.
- 53 Sosin M, **Patel KM**, Nahabedian MY, Bhanot P. Patient-Centered Outcomes Following Laparoscopic Ventral Hernia Repair: A Systematic Review of the Current Literature. Am J Surg 2014. In Press.
- 54 Albino F, **Patel KM**, Nahabedian MY, Attinger CE, Bhanot P. Immediate, Multi-staged Approach to Infected Synthetic Mesh: Outcomes Following Abdominal Wall Reconstruction with Porcine Acellular Dermal Matrix. Ann Plast Surg. 2014. In Press.
- 55 **Patel KM**, Shuck J, Albino F, Hannan L, Spear SL. Evaluating Long-Term Outcomes Following Nipple Sparing Mastectomy and Reconstruction in the Radiated Breast. Plast Recon Surg 2014. May 133(5): 605e-14e.
- 56 **Patel KM**, Sosin M, Ramineni P. FreeStyle Propeller Flaps from the Lower Abdomen: A Valuable Reconstructive Option for Proximal Thigh Defects. Microsurgery 2014. Mar 34(3): 233-6.
- 57 **Patel KM**, Mantell M, Sosin M, Ramineni P. Chimeric Functional Latissimus Flap Transfer to Restore Ankle Dorsiflexion Following a Traumatic Defect of the Lower Leg. J Reconstr Microsurg 2014. In Press.
- 58 Spear SL, Shuck J, Economides J, **Patel KM**. Analyzing Implant Movement with Tabbed and Non-Tabbed Expanders Through the Process of Two-Stage Breast Reconstruction. Plast Recon Surg 2014. Mar 133(3): 256e-260e.
- 59 **Patel KM**, Shuck J, Hung R, Hannan L, Nahabedian MY. Reinforcement of the Abdominal Wall Following Breast Reconstruction with Abdominal Flaps: A Comparison of Synthetic and Biologic Mesh. Plast Recon Surg 2014. Mar 133(3): 700-7.
- 60 Franklin B, **Patel KM**, Bhanot P. Proceed Mesh for Laparoscopic Ventral Hernia Repair. JSLS 2013. Oct 17(4): 565-9.
- 61 Sosin M, **Patel KM**, Albino F, Nahabedian MY, Bhanot P. A Patient-Centered Appraisal of Outcomes Following Abdominal Wall Reconstruction: A Systematic Review of the Current Literature. Plast Recon Surg 2013. Feb 133(4): 408-18.

- 62 Spear SL, Rao SS, **Patel KM**, Nahabedian MY. Reduction Mammoplasty and Mastopexy in Previously Irradiated Breasts. *Aesth Surg Journal* 2013. Jan 34 (1): 74-8.
- 63 **Patel KM**, Economides J, Franklin B, Sosin M, Attinger CE, Ducic I. Correlating Patient Reported Outcomes and Ambulation Success Following Microsurgical Lower Extremity Reconstruction in Co-Morbid Patients. *Microsurgery* 2014. Jan 34(1): 1-4.
- 64 **Patel KM**, Bhanot P, Franklin B, Albino F, Nahabedian MY. The Use of Intraoperative Indocyanin-Green Angiography to Minimize Wound Healing Complications in Abdominal Wall Reconstruction. *J Plast Hand Surg* 2013. Dec 47(6): 276-80.
- 65 Albino F, **Patel KM**, Bhanot, P, Nahabedian MY. Does Mesh Location Matter in Abdominal Wall Reconstruction? A Systematic Review of the Literature and a Summary of Recommendations. *Plast Recon Surg* 2013; Nov 132(5): 1295-304.
- 66 Nahabedian MY, **Patel KM**, Kaminsky A, Cocilovo C, Mirali R. Biplanar Oncoplastic Surgery: A Novel Technique for Breast Conservation in Small and Medium Sized Breasts: *Plast Recon Surg* 2013; Nov 132(5): 1081-84.
- 67 Sabino J, **Patel KM**, Franklin B, Bonawitz S, Valerio I. Revisiting the Scapular Flap: Applications in Extremity Coverage for our U.S. Combat Casualties. *Plast Recon Surg* 2013; Oct 132(4): 577-585.
- 68 **Patel KM**, Albino F, Nahabedian MY, Bhanot P. Critical Analysis of Strattice Performance in Abdominal Wall Reconstruction: Intermediate Risk Patients and Early Complications. *Int Surg* 2013; Oct 98(4): 379-84.
- 69 Franklin B, **Patel KM**, Nahabedian MY, Bhanot P. Predicting Abdominal Closure in Complex Ventral Hernias: Maximizing the Utility of Pre-operative Computed Tomography. *Ann Plast Surg* 2013; Sept 71(3): 261-5.
- 70 **Patel KM**, Albino F, Fan K, Nahabedian MY. Microvascular Autologous Reconstruction in the Context of Radiation Therapy: A Comparison of Two Reconstructive Algorithms. *Plast Recon Surg* 2013; Aug 132(2):251-7.
- 71 Economides J, **Patel KM**, Evans KK, Marshall E, Attinger CE. Systematic Review of Patient-Centered Outcomes Following Lower Extremity Flap Reconstruction in Co-Morbid Patients. *J Reconstr Microsurg* 2013; 29(5):307-16.

- 72 **Patel KM**, Higgins JP. Posterior Elbow Wounds: Soft Tissue Coverage Options and Techniques. *Orthop Clin North Am* 2013; Jul 44:409-417.
- 73 Seruya M, **Patel KM**, Keating RF, Rogers GF. Supraclavicular Nerve Graft Interposition for Reconstruction of Pediatric Brachial Plexus Injuries. *Plast Recon Surg* 2013. Mar 131(3) 467-8e.
- 74 **Patel KM**, Svestka M, Sinkin J, Abruzzese M, Ruff P. Ciprofloxacin-Resistant *Aeromonas Hydrophila* Infection Following Leech Therapy: A Case Report and Review of the Literature. *J Plast Reconstr Aesthet Surg* 2013; Jan 66(1): 20-2.
- 75 **Patel KM**, Basci D, Nahabedian MY. Multiple Pregnancies Following DIEP Flap Breast Reconstruction. *J Plast Reconstr Aesthet Surg* 2013; Mar 66(3): 434-6.
- 76 **Patel KM**, Bhanot P. Complications with Acellular Dermal Matrices in Abdominal Wall Reconstruction. *Plast Recon Surg* 2012; Nov 130(5): 216S-24S.
- 77 **Patel KM**, Nahabedian MY, Albino F, Bhanot P. The Use of PADM in a Bridge Technique for Complex Abdominal Wall Reconstruction: An Outcome Analysis. *Am J Surg* 2013; Feb 205(2): 209-12.
- 78 **Patel KM**, Seruya M, Franklin B, Gatti M, Ducic I. Factors Associated with Failed Hardware Salvage in High Risk Patients following Microsurgical Lower Extremity Reconstruction. *Ann Plast Surg* 2012; Oct 69(4): 399-402.
- 79 **Patel KM**, Nahabedian MY, Gatti M, Bhanot P. Indications and Outcomes following Complex Abdominal Reconstruction with Component Separation Combined with Porcine Acellular Dermal Matrix. *Ann Plast Surg* 2012; Oct 69(4): 398-8.
- 80 Evans KK, Chim H, **Patel KM**, Salgado CJ, Mardini S. Survey On Ventral Hernias: Surgeon Indications, Contraindications, and Management of Large Ventral Hernias. *J Am Surg* 2012; Apr 78(4): 288-97.
- 81 **Patel KM**, Hill L, Gatti ME, Nahabedian MY. Management of Massive Mastectomy Skin Flap Necrosis in Autologous Breast Reconstruction. *Ann Plast Surg* 2012; Aug 69(2): 139-44.
- 82 Lee JS, **Patel KM**, Zou Z, Prince MR, Cohen EI. Computerized Tomographic and Magnetic Resonance Angiography in Breast Reconstruction-Technical Considerations. *Clin Plast Surg* 2011; Apr 38(2): 219-28.

- 83 **Patel KM**, Nahabedian MY. Maximizing the Use of the Handheld Doppler as an Intra-Operative Tool in Breast Reconstruction. *Clin Plast Surg* 2011; Apr 38(2): 213-8.
- 84 **Patel KM**, Hannan CM, Gatti ME, Nahabedian MY. A Head to Head Comparison of Quality of Life and Aesthetic Outcomes Following Immediate, Staged-Immediate, and Delayed Oncoplastic Reduction Mammoplasty. *Plast Recon Surg* 2011; Jun 127(6): 2167-75.
- 85 Nahabedian MY, **Patel KM**. Management of Common and Uncommon Problems after Primary Breast Augmentation. *Clin Plast Surg* 2009; Jan 36(1): 127-138.
- 86 **Patel KM**, Lahm T, Herring C, Markel T, Crisostomo P, Wang M, Meldrum DR. The Effects of Endogenous Sex Hormones and Acute Hypoxia on Vasoconstriction in Isolated Rat Pulmonary Artery Rings. *J Surg Res*. 2008; May 146(1): 121-6.
- 87 **Patel KM**, Crisostomo P, Markel T, Herring C, Wang M, Meldrum KK, Meldrum DR. Mesenchymal stem cells attenuate hypoxic pulmonary vasoconstriction by a paracrine mechanism. *J Surg Res*. 2007; Dec. 143(2): 281-5.
- 88 Lahm T, **Patel KM**, Crisostomo P, Markel T, Herring C, Wang M, Meldrum DR. Endogenous Estrogen Attenuates Pulmonary Artery Vasoreactivity and Acute Hypoxic Pulmonary Vasoconstriction: The Effects of Gender and Menstrual Cycle. *Am J Physiol Endo Met*. 2007; Sept; 293(3): 865-71.
- 89 Tsai BM, **Patel K**, Wang M, Morrell ED, Crisostomo PR, Meldrum DR. Selective protein kinase C inhibition attenuates pulmonary artery cytokine expression without affecting hypoxic pulmonary vasoconstriction. *Shock* 2007; Jan;27(1):36-9.
- 90 Kher A, Wang M, Tsai BM, Pitcher JM, Greenbaum ES, Nagy RD, **Patel KM**, Wairiuko GM, Markel TA, Meldrum DR. Sex differences in the myocardial inflammatory response to acute injury. *Shock* 2005; Jan;23(1):1-10.
- 91 Jones MP, Hoffman S, Shah D, **Patel K**, Ebert CC. The water load test: observations from healthy controls and patients with functional dyspepsia. *Am J Physiol Gastrointest Liver Physiol*. 2003; Jun;284(6):G896-904.

## Editorials

**Patel KM**, Nahabedian MY. Editorial to Introduce Seminars Supplement on Plastic and Reconstructive Surgery. J Surg Oncol 2016. In Press.

**Patel KM**. Announcing A New Section Devoted to Reconstructive and Oncoplastic Surgery. J Surg Oncol. 112(1):1. 2015.

### Letters to the Editor

Nahabedian MY, **Patel K**, Gatti M. A Head-to-Head Comparison of Quality of Life and Aesthetic Outcomes following Immediate, Staged-Immediate, and Delayed Oncoplastic Reduction Mammoplasty. Reply to: Pusic AL, Klassen AF, Cano SJ. Use of the BREAST-Q® in clinical outcomes research. Plast Recon Surg. 129(1):167e, 2012

### Textbooks

Editor; Cheng MH, Chang DW, & **Patel KM**: Lymphedema Surgery, Principles and Practice: 1<sup>st</sup> edition. Elsevier Publishing Sept 2015.

### Book Chapters

- 1 Fahradyan A, **Patel KM**. Lower Extremity, Essential Anatomy. Lower Extremity Surgery. In Press 2019.
- 2 Gould D, **Patel KM**. Current Controversies and Dilemmas in Lymphatic Microsurgery. Chen's Textbook on Lymphatic Surgery. In Press. 2017.
- 3 Larson JV, Nelson ME, Sener SF, **Patel KM**. Breast Anatomy for Plastic Surgeons. Neligan Plastic Surgery; Volume 5, Ch. 1: 4<sup>rd</sup> edition. In Press.
- 4 Cheng MH, Chang DW, **Patel KM**. Future Perspective in Lymphatic Microsurgery. Lymphedema Surgery: Principles & Practices. Book Chapter 2014. In Press.
- 5 Cheng MH, Chang DW, **Patel KM**. Introduction to Lymphedema Surgery: Principles & Practices. Lymphedema Surgery: Principles & Practices. Book Chapter 2014. In Press.
- 6 Cheng MH, **Patel KM**. Microsurgical Procedures: Vascularized Lymph Nodes from the Submental Region. Lymphedema Surgery: Principles & Practices. Book Chapter 2014. In Press.

- 7 **Patel KM**, Sosin M, Cheng MH. Understanding the Physiologic Basis of Lymphatic Microsurgery. *Lymphedema Surgery: Principles & Practices*. Book Chapter 2014. In Press.
- 8 Nahabedian MY, **Patel KM**. Abdominal Flaps for Breast Reconstruction. *Operative Procedures in Plastic, Aesthetic, and Reconstructive Surgery*; Book Chapter. 2013. In Press.
- 9 TerLouw R, **Patel KM**, Nahabedian MY, Bhanot P. Post-Operative Management in the Abdominal Wall Reconstruction Patient; *Abdominal Wall Reconstruction*; Book Chapter, 2013; In Press
- 10 Sinkin J, **Patel KM**, Ramineni P. Panniculectomy and Abdominal Wall Reconstruction; *Abdominal Wall Reconstruction*; Book Chapter, 2013; In Press
- 11 **Patel KM**, Shuck J, Bhanot P. Complications with ADM in Abdominal Wall Reconstruction; *Abdominal Wall Reconstruction*; Book Chapter, 2013; In Press.
- 12 **Patel KM**, Economides J, Nahabedian MY. Fluorescence Angiography in Abdominal Wall Reconstruction; *Abdominal Wall Reconstruction*; Book Chapter, 2013; In Press.
- 13 **Patel KM**, Nahabedian MY. Free TRAM flap Following Mastectomy. *Mastery of Surgery*; Book Chapter 2013. In Press.
- 14 **Patel KM**, Nahabedian MY. Reconstruction of the Nipple-Areola Complex. *Neligan Plastic Surgery*; Volume 5, Ch. 22: 3<sup>rd</sup> edition 2012.
- 15 Spear SL, **Patel KM**, Parikh P. Breast Conservation in the Large Breasted Patient. Ch. 52: *Surgery of the Breast*; 3<sup>rd</sup> edition 2010.
- 16 Nahabedian MY, **Patel KM**. Total Breast Reconstruction: Autologous Tissue: TRAM, DIEP, and SIEA flaps. Ch. 81: *Kuerer's Breast Surgical Oncology* 2010.

#### **Published Abstracts**

- 1 Complex Hand and Wrist Reconstruction Using Free Vascularized Bone Grafts. *Plast Reconstr Surg*. 2015; 136(4S): 25-26
- 2 Single-Stage, Dual Gastroepiploic Lymph Node Flaps for the Surgical Treatment of Lymphedema. *Plast Recon Surg* 2015; Oct 136(4S); 136-7.

- 3 Effectiveness of Lymphatic Microsurgical Procedures in the Treatment of Primary Lymphedema. *Plast Recon Surg* 2015; Oct 136(4S); 135-6.
- 4 Supraclavicular Lymph Node Flap for Lymphedema: Early Experience and Technical Refinements. *Plast Recon Surg* 2015; Oct 136(4S); 108.
- 5 Pedicle Lengthening Technique Utilizing Retrograde Inflow for the Groin Lymph Node Flap. *Plast Recon Surg* 2015; Oct 136(4S); 107-8.
- 6 Modern Mandible Reconstruction Utilizing the Chimeric Fibula Free Flap and Double-Barreling Techniques. *Plast Recon Surg* 2015; Oct 136(4S); 47-8.
- 7 Complex Hand and Wrist Reconstruction Using Free Vascularized Bone Grafts. *Plast Recon Surg* 2015; Oct 136(4S); 25-6.
- 8 Ensuring Survivability of the Skin Island of the Free Iliac Osteocutaneous Flap with Double Arterial Inflow Techniques. *Plast Recon Surg* 2015; Oct 136(4S); 16.
- 9 Comprehensive Analysis of Recipient Site Vessels for Distal Vascularized Lymph Node Transfers. *Plast Recon Surg* 2014; Oct 134(4S); 145-46.
- 10 Perfusion-Related Complications and Strategies for Success Following Distal Vascularized Lymph Node Transfers. *Plast Recon Surg* 2014; Oct 134(4S); 144-45.
- 11 Functional Donor Site Morbidity Following Vascularized Toe Transfer Procedures: A Review of the Literature and Biomechanical Consideration for Surgical Site Selection. *Plast Recon Surg* 2014; Oct 134(4S); 37.
- 12 From Theory to Evidence: Long-Term Evaluation of the Mechanism of Action and Flap Integration of Distal Vascularized Lymph Node Transfers. *Plast Recon Surg* 2014; Oct 134(4S); 32.
- 13 Pre-Planning Vascularized Lymph Node Transfer with Duplex Ultrasonography: A Prospective Evaluation of Three Common Donor Sites. *Plast Recon Surg* 2014; Oct 134(4S); 32.
- 14 A Prospective Assessment of Anatomic Variability of the Submental Vascularized Lymph Node Flap. *Plast Recon Surg* 2014; Oct 134(4S); 33.

- 15 A Prospective Evaluation of Lymphedema-Specific Quality of Life Outcomes Following Vascularized Lymph Node Transfer. *Plast Recon Surg* 2014; Apr 133(4S); 1008.
- 16 Immediate, Staged Approach to Infected Synthetic Mesh: Outcomes Following Abdominal Wall Reconstruction with Porcine Acellular Biological Matrix. *JACS* 2013; Sept 217(3); S84.
- 17 Tackling Autologous Breast Reconstruction in the Face of Radiation Therapy: Comparing Two Reconstructive Algorithms. *Plast Recon Surg* 2013; May 131(5S):168.
- 18 Delayed v. Delayed-Immediate Autologous Breast Reconstruction: A Blinded Evaluation of Aesthetic Outcomes. *Plast Recon Surg* 2013; May 131(5S):169.
- 19 Impact of Connective Tissue Disease on Outcomes Following Breast Surgery and Reconstruction. *Plast Recon Surg* 2013; May 131(5S):121.
- 20 Systematic Review of Patient-Centered Outcomes Following Lower Extremity Flap Reconstruction in Co-Morbid Patients. *Plast Recon Surg* 2013; May 131(5S):122.
- 21 Does Mesh Location Matter in Abdominal Wall Reconstruction? A Systematic Review of the Literature and a Summary of Recommendations. *Plast Recon Surg* 2013; May 131(5S):122.
- 22 Predicting Midline Fascial Re-Approximation with Component Separation in Complex Ventral Hernias: Maximizing the Utility of Pre-operative Computed Tomography. *Plast Recon Surg* 2012; Nov 130(5S-1):52-53.
- 23 The Use of Intraoperative Indocyanin-Green Angiography to Minimize Wound Healing Complications in Abdominal Wall Reconstruction. *Plast Recon Surg* 2012; Nov 130(5S-1): 97.
- 24 Critical analysis of Strattice performance in complex abdominal wall reconstruction: Intermediate risk patients and early complications. *Hernia* 2012; 16(S1):143-240.
- 25 Staged Approach to Infected Synthetic Mesh: Outcomes Following Abdominal Wall Reconstruction with Strattice Biologic Matrix. *Hernia* 2012; 16(S1):143-240.



- 26 Factors Associated with Failed Hardware Salvage in High Risk Patients following Microsurgical Lower Extremity Reconstruction. *Plast Recon Surg* 2011; Oct 128(4S):71.
- 27 Mesenchymal Stem Cell Conditioned Media Attenuates Hypoxic Pulmonary Vasoconstriction. *J Surg Res* 2007 Feb;137(2):182.
- 28 Endogenous Estrogen Does Not Alter Hypoxic Pulmonary Vasoconstriction. *J Surg Res* 2007. Feb; 137(2):281.

### **INVITED LECTURES**

1. Vascularized Lymph Node Transfer from the Groin. Master's Series of Microsurgery. American Society of Reconstruction Microsurgeons. Palm Desert. 2.1.19
2. We've Got You Covered: Pushing the Soft Tissue Envelope with Microsurgical-Based Tissue Transfer. Gaspar Symposium. Los Angeles, Ca. 9.6.18.
3. Algorithmic Approach to Lymphedema Surgery. European Federations of Societies of Microsurgeons. Belgrade, Serbia. 5.8.18.
4. Lymphedema Surgery: The Patient's Perspective. European Federations of Societies of Microsurgeons. Belgrade, Serbia. 5.8.18.
5. How to Build a Lymphedema Practice. European Federations of Societies of Microsurgeons. Belgrade, Serbia. 5.8.18.
6. Young Surgeon's Experience with Thin and Ultra-Thin SCIP Flaps. European Federations of Societies of Microsurgeons. Belgrade, Serbia. 5.7.18.
7. Video Presentation on Technique for Vascularized Groin Lymph Node Transfer. European Federations of Societies of Microsurgeons. Belgrade, Serbia. 5.6.18.
8. Overview of Lymphedema Surgery. Chicago Breast & Lymphedema Symposium. Chicago, IL. 4.26.18.
9. Lower Extremity Lymphedema Surgery: Techniques and Outcomes. Diabetic Limb Salvage Conference. Washington, DC. 4.7.18.
10. Prophylactic Lymphedema Surgery. Diabetic Limb Salvage Conference. Washington, DC. 4.7.18.

11. Incorporating Diabetic Limb Salvage into a Microsurgery Practice. Sweet Feet: Reconstruction of the Diabetic Foot. American Society of Reconstructive Microsurgeons. Phoenix, AZ. 1.16.18.
12. So You Want to Set Up a Lymphedema Practice? American Society of Reconstructive Microsurgeons. Phoenix, AZ. 1.14.18.
13. Lymphedema Microsurgery: The Patient's Perspective. World Society of Reconstructive Microsurgeons. Seoul, South Korea. 7.15.17.
14. What are the Real Risks of Microsurgery (instructional course). World Society of Reconstructive Microsurgeons. Seoul, South Korea. 7.14.17.
15. Getting Published in Non-Plastic Surgery Journals. World Society of Reconstructive Microsurgeons. Seoul, South Korea. 7.14.17.
16. Axillary and Groin Vascularized Lymph Node Transfers: Video Presentation at the World Society of Reconstructive Microsurgeons. Seoul, South Korea. 7.13.17.
17. Surgical Treatments for Lymphedema. USC Verdugo Hills Hospital, La Canada-Flintridge, CA. 4.7.17
18. New and Emerging Surgical Treatments for Headache Disorders. 24<sup>th</sup> Annual Van Der Meulen Symposium: The Spectrum of Headache Disorders, Neuralgias, and Post Concussive Syndromes. Los Angeles, CA. 3.18.17.
19. Lymphedema Surgery: Principles, Patient Selection, & Surgical Techniques. 2017 Annual Kaiser Permanente Plastic Surgery Symposium. Costa Mesa, CA. 2.4.17.
20. Establishing a Lymphedema Surgical Practice. 2017 Annual Kaiser Permanente Plastic Surgery Symposium. Costa Mesa, CA. 2.4.17.
21. Introduction to the Physiology of Lymphedema. 4<sup>th</sup> Annual USC Multidisciplinary Breast Cancer Symposium. Los Angeles, CA. 1.28.17.
22. Autologous Reconstruction Following Nipple-Sparing Mastectomies (instructional course). Annual Meeting of the American Society of Reconstructive Microsurgeons. Waikoloa Village, HI. 1.15.2017.

23. Advanced Concepts in Implant-Based Breast Reconstruction. LifeNet Health Symposium. Norfolk, VA. 7.29.16
24. Lymphatic Microsurgery: The Patient's Perspective. World Symposium of Lymphedema Surgeons Meeting. Taipei, Taiwan. 4.29.16
25. Physiologic Basis of Lymphatic Microsurgery. World Symposium of Lymphedema Surgeons Meeting. Taipei, Taiwan. 4.28.16
26. Innovative Surgical Treatments for Lymphedema. Grand Rounds; Providence Saint Joseph's Medical Center, Burbank, CA. 4.7.16
27. Lymphedema. Surgical Oncology Grand Rounds; University of Southern California, Los Angeles, CA. 10.27.15
28. Modern Breast Reconstruction and Lymphedema Treatment. USC Verdugo Hills Hospital, La Canada-Flintridge, CA. 10.7.15.
29. Complications of the Submental Vascularized Lymph Node Transfer. Chicago Breast & Lymphedema Symposium, Chicago, IL. 9.20.15
30. Post-Surgical Evaluation of Lymphedema Patients. Chicago Breast & Lymphedema Symposium, Chicago, IL. 9.19.15
31. Lymphatic Microsurgery: Modern Treatment Pathway for Lymphedema. Breast Cancer Research Monthly Meeting, Los Angeles, CA. 1.21.15

## RESEARCH PRESENTATIONS

- 1 Greater occipital nerve block for the treatment of chronic migraine headaches: A systematic review and meta-analysis. *Annual Meeting of the American Society of Peripheral Nerve Surgeons Palm Desert, CA January 2019. Presenter: Orr Shauly*
- 2 Emerging Non-Surgical and Surgical Techniques to Treat Erectile Dysfunction: A Systematic Review of Treatment Options and Published Outcomes. *Annual Meeting of the American Society of Reconstructive Microsurgeons. Palm Desert, CA February 2019. Presenter Orr Shauly*

- 3 Microsurgical Interventions to Improve Outcomes in Erectile Dysfunction. *Annual Meeting of the American Society of Reconstructive Microsurgeons. Palm Desert, CA February 2019. Presenter Orr Shauly*
- 4 A Systematic Review and Meta-Analysis of Micropatterning: Pathophysiology, and Morbidity in Prosthetic Implants  
*Annual Meeting of the California Society of Plastic Surgeons San Diego, CA May 2018. Presenter: Daniel Gould*
- 5 Anatomic Basis of the Gastroepiploic Vascularized Lymph Node Transfer: A Radiographic Evaluation Using Computed Tomography Angiography (CTA)  
*Annual Meeting of the California Society of Plastic Surgeons San Diego, CA May 2018. Presenter: Daniel Gould*
- 6 Characterizing lower extremity lymphedema and lipedema with cutaneous ultrasonography and an objective computer-assisted measurement of dermal echogenicity  
*Annual Meeting of the California Society of Plastic Surgeons San Diego, CA May 2018. Presenter: Cory Mayfield*
- 7 Breast and Nipple Reconstruction: A Crowdsourcing-Based Assessment  
*Annual Meeting of the California Society of Plastic Surgeons San Diego, CA May 2018. Presenter: Beina Azadgoli*
- 8 Contemporary Management of Alopecia: A Systematic Review and Meta-Analysis For Surgeons  
*Annual Meeting of the California Society of Plastic Surgeons San Diego, CA May 2018. Presenter: Jacqueline Stoneburner*
- 9 Anatomic Basis of the Gastroepiploic Vascularized Lymph Node Transfer: A Radiographic Evaluation Using Computed Tomography Angiography (CTA)  
*Annual Meeting of the American Society of Reconstructive Microsurgeons Phoenix, AZ January 2018. Presenter: Anna Howell*
- 10 Anatomic Basis of the Gastroepiploic Vascularized Lymph Node Transfer: A Radiographic Evaluation Using Computed Tomography Angiography (CTA)  
*Annual Meeting of the American Society of Plastic Surgeons Orlando, FL October 2017. Presenter: Anna Howell*
- 11 Outcomes of Soft Tissue Reconstruction for Lower Extremity Fractures with Compromised Vascularity  
*Annual Meeting of the American Society of Plastic Surgeons*

*Orlando, FL October 2017. Presenter: Daniel Gould*

- 12 Uncovering Lymphatic Transport Abnormalities in Patients with Lipedema  
*Annual Meeting of the American Society of Plastic Surgeons  
Orlando, FL October 2017. Presenter: Daniel Gould*
- 13 Validation of Vectra 3D Imaging for Quantitative Volumetric Measurement of  
Upper Extremity Lymphedema  
*Annual Meeting of the American Society of Plastic Surgeons  
Orlando, FL October 2017. Presenter: Daniel Gould*
- 14 Functional Recovery after Traumatic Lower Extremity Salvage with Soft Tissue  
Reconstruction  
*Annual Meeting of the American Society of Plastic Surgeons  
Orlando, FL October 2017. Presenter: Ido Badash*
- 15 Cutaneous Ultrasonography with Image Analysis Differentiates Extremity  
Lymphedema and Lipedema  
*26<sup>th</sup> World Congress of Lymphology  
Barcelona, Spain September 2017. Presenter: Emily Iker*
- 16 Trends in Nonvascularized Bone Grafting for Nonunion of the Scaphoid.  
*Plastic Surgery Research Council  
New York, NY May 2016. Presenter: Kiran Alluri*
- 17 Patient and Surgical Factors Contributing to Perioperative Infection in Complex  
Lower Extremity Trauma  
*Southern California American College of Surgeons Meeting  
Santa Barbara, CA. January 2016. Presenter: Karen Burt*
- 18 Vascularized Bone Grafting in Scaphoid Nonunion: A Review of Patient-  
Centered Outcomes  
*Annual Meeting of the American Association for Hand Surgery  
Orlando, FL, March 2016; Presenter: Kiran Alluri*
- 19 Functional Outcomes of Traumatic Lower Extremity Reconstruction  
*Annual Meeting of the American Society of Reconstructive Microsurgery  
Scottsdale, AZ, January 2016; Presenter: Hyuma Leland*
- 20 Vascularized Bone Grafting in Scaphoid Nonunion: A Review of Patient-  
Centered Outcomes  
*Annual Meeting of the American Association for Hand Surgery  
Scottsdale, AZ, January 2016; Presenter: Kiran Alluri*

- 21 Effectiveness of Lymphatic Microsurgical Procedures in the Treatment of Primary Lymphedema  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Ketan Patel*
- 22 Modern Mandible Reconstruction Utilizing the Chimeric Fibula Free Flap and Double-Barreling Techniques  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Ketan Patel*
- 23 Single-Stage, Dual Gastroepiploic Lymph Node Flaps for the Surgical Treatment of Lymphedema  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Thomas Constantinescu*
- 24 Supraclavicular Lymph Node Flap for Lymphedema: Early Experience and Technical Refinements  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Thomas Constantinescu*
- 25 Pedicle Lengthening Technique Utilizing Retrograde Inflow for the Groin Lymph Node Flap  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Thomas Constantinescu*
- 26 Ensuring Survivability of the Skin Island of the Free Iliac Osteocutaneous Flap with Double Arterial Inflow Techniques  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Thomas Constantinescu*
- 27 Complex Hand and Wrist Reconstruction Using Free Vascularized Bone Grafts: A Systematic Review of Functional Outcomes  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Hyuma Leland*
- 28 Trends in Soft Tissue Coverage of Tibial Fractures: A Systematic Review of the Literature.  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Hyuma Leland*

- 29 The Groin vs. Submental Vascularized Lymph Node Flaps: A Head to Head Comparison of Surgical Outcomes following Treatment for Upper Limb Lymphedema  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Ming-Huei Cheng*
- 30 Effectiveness of Lymphatic Microsurgical Procedures in the Treatment of Primary Lymphedema  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Ketan Patel*
- 31 Modern Mandible Reconstruction Utilizing the Chimeric Fibula Free Flap and Double-Barreling Techniques  
*Annual Meeting of the American Society of Plastic Surgeons  
Boston, MA, October 2015; Presenter: Ketan Patel*
- 32 A Critical Appraisal of Vascularized Bone Grafting for Scaphoid Nonunion: A Systemic Review of Surgical and Functional Outcomes  
*Annual Meeting of the American Society for Surgery of the Hand  
Seattle, WA, September 2015; Presenter: Kiran Alluri*
- 33 A Prospective Evaluation of Lymphedema-Specific Quality of Life Outcomes Following Vascularized Lymph Node Transfer  
*World Society of Reconstructive Microsurgery Annual Meeting  
Mumbai, India, March 2015; Presenter: Ming-Huei Cheng*
- 34 A Prospective Clinical Assessment of Anatomic Variability of the Submental Vascularized Lymph Node Flap  
*World Society of Reconstructive Microsurgery Annual Meeting  
Mumbai, India, March 2015; Presenter: Ming-Huei Cheng*
- 35 The Groin vs. Submental Vascularized Lymph Node Flaps: A Head to Head Comparison of Surgical Outcomes following Treatment for Upper Limb Lymphedema  
*Annual Meeting of the American Society of Reconstructive Surgeons  
Paradise Island, Bahamas, January 2015; Presenter: Ming-Huei Cheng*
- 36 A Prospective Clinical Assessment of Anatomic Variability of the Submental Vascularized Lymph Node Flap  
*Annual Meeting of the American Society of Reconstructive Surgeons  
Paradise Island, Bahamas, January 2015; Presenter: Ming-Huei Cheng*

- 37 Comprehensive Analysis of Recipient Site Vessels for Distal Vascularized Lymph Node Transfers  
*Annual Meeting of the American Society of Reconstructive Surgeons  
Paradise Island, Bahamas, January 2015; Presenter: Ketan Patel*
- 38 A Prospective Evaluation of Lymphedema-Specific Quality of Life Outcomes Following Vascularized Lymph Node Transfer  
*Annual Meeting of the American Society of Reconstructive Surgeons  
Paradise Island, Bahama, January 2015; Presenter: Ketan Patel*
- 39 Effectiveness of Lymphatic Microsurgical Procedures in the Treatment of Primary Lymphedema  
*Annual Meeting of the American Society of Reconstructive Surgeons  
Paradise Island, Bahama, January 2015; Presenter: Ming-Huei Cheng*
- 40 From Theory to Evidence: Long-Term Evaluation of the Mechanism of Action and Flap Integration of Distal Vascularized Lymph Node Transfers  
*Annual Meeting of the American College of Surgeons  
San Francisco, CA, October 2014; Presenter: Michael Sosin  
\*Recipient of the Poster of Exceptional Merit\**
- 41 Functional Donor Site Morbidity Following Vascularized Toe Transfer Procedures: A Review of the Literature and Biomechanical Considerations for Surgical Site Selection  
*Northeastern Society of Plastic Surgeons Annual Meeting  
Providence RI, September 2014; Presenter: Michael Sosin*
- 42 Functional Donor Site Morbidity Following Vascularized Toe Transfer Procedures: A Review of the Literature and Biomechanical Considerations for Surgical Site Selection  
*Annual Meeting of the American Society of Plastic Surgeons  
Chicago, IL, October 2014; Presenter: Michael Sosin*
- 43 From Theory to Evidence: Long-Term Evaluation of the Mechanism of Action and Flap Integration of Distal Vascularized Lymph Node Transfers  
*Annual Meeting of the American Society of Plastic Surgeons  
Chicago, IL, October 2014; Presenter: Ketan Patel*
- 44 Pre-planning Vascularized Lymph Node Transfer with Duplex Ultrasonography  
*Annual Meeting of the American Society of Plastic Surgeons  
Chicago, IL, October 2014; Presenter: Ketan Patel*



- 45 Perfusion-Related Complications and Strategies for Success following Distal Vascularized Lymph Node Transfers  
*Annual Meeting of the American Society of Plastic Surgeons  
Chicago, IL, October 2014; Presenter: Ketan Patel*
- 46 A Prospective Clinical Assessment of Anatomic Variability of the Submental Vascularized Lymph Node Flap  
*Annual Meeting of the American Society of Plastic Surgeons  
Chicago, IL, October 2014; Presenter: Ming-Huei Cheng*
- 47 Comprehensive Analysis of Recipient Site Vessels for Distal Vascularized Lymph Node Transfers  
*Annual Meeting of the American Society of Plastic Surgeons  
Chicago, IL, October 2014; Presenter: Ketan Patel*
- 48 A Prospective Evaluation of Lymphedema-Specific Quality of Life Outcomes Following Vascularized Lymph Node Transfer  
*American Association of Plastic Surgeons Annual Meeting  
Miami, FL, April 2014; Presenter: Ketan Patel*
- 49 Patient-Centered Outcomes Following Laparoscopic Ventral Hernia Repair: A Systematic Review of the Current Literature  
*Society of American Gastrointestinal and Endoscopic Surgeons Meeting  
Salt Lake City, UT, April 2014; Presenter: Michael Sosin*
- 50 The Biplanar Oncoplastic Technique: A Two-Year Review  
*American College of Surgeons: DC Chapter  
Washington, DC, March 2014; Presenter: Alex Kaminsky*
- 51 Patient-Centered Decision Making in Breast Reconstruction Utilizing the Delayed-Immediate Algorithm  
*American College of Surgeons: DC Chapter  
Washington, DC, March 2014; Presenter: Michael Sosin*
- 52 Patient-Centered Outcomes Following Laparoscopic Ventral Hernia Repair: A Systematic Review of the Current Literature  
*American College of Surgeons: DC Chapter  
Washington, DC, March 2014; Presenter: Michael Sosin*
- 53 The Biplanar Oncoplastic Technique: A Two-Year Review  
*Breast Cancer Coordinated Care (BC3) Conference  
Washington, DC, February 2014; Presenter: Alex Kaminsky*

- 54 Monitoring Patient-Centered Outcomes Through the Progression of Breast Reconstruction: A Multi-Centered Prospective Longitudinal Evaluation  
*Annual Meeting of the American Society of Plastic Surgeons: PSF Late-Breaking Research*  
*San Diego, CA, October 2013; Presenter: Ming-Huei Cheng*
- 55 Patient-Centered Appraisal of Outcomes following Abdominal Wall Reconstruction: A Systematic Review of The Literature  
*Annual Meeting of the American Society of Plastic Surgeons*  
*San Diego, CA, October 2013; Presenter: Michael Sosin*
- 56 Delayed v. Delayed-Immediate Autologous Breast Reconstruction: A Non-Biased Evaluation of Aesthetic Outcomes  
*Annual Meeting of the American Society of Plastic Surgeons*  
*San Diego, CA, October 2013; Presenter: Frank Albino*
- 57 Staged Approach to Infected Synthetic Mesh: Outcomes following Abdominal Wall Reconstruction with Stratattice Biological Matrix  
*Annual Meeting of the American College of Surgeons*  
*Washington, DC, October 2013; Presenter: Frank Albino*
- 58 Patient-Centered Appraisal of Outcomes following Abdominal Wall Reconstruction: A Systematic Review of The Literature  
*Annual Meeting of the American College of Surgeons*  
*Washington, DC, October 2013; Presenter: Michael Sosin*
- 59 The Impact of Connective Tissue Disease on Outcomes Following Breast Surgery and Reconstruction  
*Northeastern Society of Plastic Surgeons Annual Meeting*  
*Washington, DC, September 2013; Presenter: John Shuck*
- 60 Delayed v. Delayed-Immediate Autologous Breast Reconstruction: A Non-Biased Evaluation of Aesthetic Outcomes  
*Northeastern Society of Plastic Surgeons Annual Meeting*  
*Washington, DC, September 2013; Presenter: Frank Albino*
- 61 Evidence to Support Controversy in Microsurgery  
*Northeastern Society of Plastic Surgeons Annual Meeting*  
*Washington, DC, September 2013; Presenter: Kenneth Fan*
- 62 Reinforcement of the Abdominal Wall Following Breast Reconstruction with Abdominal Flaps: A Comparison of Synthetic and Biologic Mesh

- World Society of Reconstructive Microsurgery  
Chicago, IL, July 2013; Presenter: John Shuck*
- 63 Tackling Autologous Reconstruction in the Face of Radiation Therapy:  
Comparing Two Reconstructive Algorithms  
*World Society of Reconstructive Microsurgery  
Chicago, IL, July 2013; Presenter: Frank Albino*
- 64 Systematic Review of Patient-Centered Outcomes Following Lower Extremity  
Flap Reconstruction in Co-Morbid Patients  
*World Society of Reconstructive Microsurgery  
Chicago, IL, July 2013; Presenter: James Economides*
- 65 The Impact of Connective Tissue Disease on Outcomes Following Breast  
Surgery and Reconstruction  
*Plastic Surgery Research Council  
Santa Monica, CA, May 2013; Presenter: Kenneth Fan*
- 66 Delayed v. Delayed-Immediate Autologous Breast Reconstruction: A Non-  
Biased Evaluation of Aesthetic Outcomes  
*Plastic Surgery Research Council  
Santa Monica, CA, May 2013; Presenter: Frank Albino*
- 67 Tackling Autologous Reconstruction in the Face of Radiation Therapy:  
Comparing Two Reconstructive Algorithms  
*Plastic Surgery Research Council  
Santa Monica, CA, May 2013; Presenter: Frank Albino*
- 68 Does Mesh Location Matter in Abdominal Wall Reconstruction? A Systematic  
Review of the Literature and a Summary of Recommendations  
*Plastic Surgery Research Council  
Santa Monica, CA, May 2013; Presenter: Kenneth Fan*
- 69 Systematic Review of Patient-Centered Outcomes Following Lower Extremity  
Flap Reconstruction in Co-Morbid Patients  
*Plastic Surgery Research Council  
Santa Monica, CA, May 2013; Presenter: James Economides*
- 70 Reduction Mammoplasty and Mastopexy in Previously Irradiated Breasts  
*American Society of Aesthetic Plastic Surgery  
New York City, NY, April 2013; Presenter: Samir Rao*

- 71 Patient-Centered Appraisal of Outcomes following Abdominal Wall Reconstruction: A Systematic Review of The Literature  
*American College of Surgeons: DC Chapter*  
*Washington, DC, April 2013; Presenter: Michael Sosin*
- 72 Reinforcement of the Abdominal Wall Following Breast Reconstruction with Abdominal Flaps: A Comparison of Synthetic and Biologic Mesh  
*American Society of Reconstructive Microsurgeons Meeting*  
*Naples, FL, January 2013; Presenter: Ketan Patel*
- 73 Tackling Autologous Reconstruction in the Face of Radiation Therapy: A Comparison of Two Reconstructive Algorithms  
*American Society of Reconstructive Microsurgeons Meeting*  
*Naples, FL, January 2013; Presenter: Ketan Patel*
- 74 Tackling Autologous Reconstruction in the Face of Radiation Therapy: Comparing Two Reconstructive Algorithms  
*Senior Resident's Conference*  
*Chicago, IL, December 2012; Presenter: Ketan Patel*
- 75 Predicting Abdominal Closure in Complex Ventral Hernias: Maximizing the Utility of Pre-operative Computed Tomography.  
*Annual Meeting of the American Society of Plastic Surgeons*  
*New Orleans, LA, October 2012; Presenter: Ketan Patel*
- 76 The Use of Intraoperative Indocyanin-Green Angiography to Minimize Wound Healing Complications in Abdominal Wall Reconstruction  
*Annual Meeting of the American Society of Plastic Surgeons*  
*New Orleans, LA, October 2012; Presenter: Ketan Patel*
- 77 Systematic Review of Patient-Centered Outcomes Following Lower Extremity Flap Reconstruction in Co-Morbid Patients  
*Diabetic Limb Salvage Conference*  
*Washington, DC, October 2012; Presenter: James Economides*
- 78 Predicting Abdominal Closure in Complex Ventral Hernias: Maximizing the Utility of Pre-operative Computed Tomography.  
*Annual Meeting of the Northeastern Society of Plastic Surgeons*  
*Boston, MA, September 2012; Presenter: Ketan Patel*
- 79 Predicting Abdominal Closure in Complex Ventral Hernias: Maximizing the Utility of Pre-operative Computed Tomography.  
*Annual Meeting of the American College of Surgeons*

*Chicago, IL, September 2012; Presenter: Parag Bhanot*

- 80 Analysis of Proceed Mesh in Laparoscopic Ventral Hernia Repair: A Single Surgeon's Experience with 100 Consecutive Cases  
*American Hernia Society Annual Meeting  
New York, NY, March 2012; Presenter: Sujata Sofat*
- 81 Critical Analysis of Strattice Performance in Complex Abdominal Wall Reconstruction: Intermediate Risk Patients and Early Complications  
*American Hernia Society Annual Meeting  
New York, NY, March 2012; Presenter: Sujata Sofat*
- 82 Staged Approach to Infected Synthetic Mesh: Outcomes following Abdominal Wall Reconstruction with Strattice Biological Matrix  
*Society of American Gastrointestinal and Endoscopic Surgeons Meeting  
San Diego, CA, March 2013; Presenter: Sujata Sofat*
- 83 Critical Analysis of Strattice Performance in Complex Abdominal Wall Reconstruction: Intermediate Risk Patients and Early Complications  
*Society of American Gastrointestinal and Endoscopic Surgeons Meeting  
San Diego, CA, March 2013; Presenter: Sujata Sofat*
- 84 Radiographic Characterization of Capitate Morphology  
*Annual Meeting of the Western Orthopedic Association  
Portland, Oregon, June 2012; Presenter: Tim Niaccaris*
- 85 Return to Ambulation following Microsurgical Lower Extremity Reconstruction versus Below-Knee Amputation for Non-traumatic Wounds in High-Risk Patients  
*American Society of Reconstructive Microsurgeons Meeting  
Las Vegas, NV, January 2012; Presenter: Ketan Patel*
- 86 Pathogens Associated with Failed Limb Salvage following Microsurgical Lower Extremity Reconstruction  
*American Society of Reconstructive Microsurgeons Meeting  
Las Vegas, NV, January 2012; Presenter: Mitchel Seruya*
- 87 Indications and Outcomes following Complex Abdominal Reconstruction with Component Separation Combined with Strattice Reinforcement.  
*Northeastern Society of Plastic Surgeons Meeting  
Amelia Island, FL, October 2011; Presenter: Ketan Patel*

- 88 Factors Associated with Failed Hardware Salvage in High Risk Patients following Microsurgical Lower Extremity Reconstruction.  
*Northeastern Society of Plastic Surgeons Meeting*  
*Amelia Island, FL, October 2011; Presenter: Ketan Patel*
- 89 Factors Associated with Failed Hardware Salvage in High Risk Patients following Microsurgical Lower Extremity Reconstruction.  
*American Society of Plastic Surgeons Meeting*  
*Denver, CO, September 2011; Presenter: Ketan Patel*
- 90 Survey On Ventral Hernias: Surgeon Indications and Patient Outcomes.  
*Annual Meeting of the American College of Surgeons*  
*San Francisco, CA, September 2011; Presenter: Karen Kim Evans*
- 91 Staged Approach to Infected Synthetic Mesh: Outcomes following Abdominal Wall Reconstruction with Strattice Biological Matrix  
*Abdominal Wall Reconstruction Meeting*  
*Washington, DC, June 2011; Presenter: Frank Albino*
- 92 Mesenchymal Stem Cells Attenuate Hypoxic Pulmonary Vasoconstriction by a Paracrine Mechanism.  
*Academic Surgical Congress*  
*Phoenix, AZ, February 2007; Presenter: Ketan Patel*
- 93 Do Endogenous Sex Hormones affect Acute Hypoxic Pulmonary Vasoconstriction?  
*Academic Surgical Congress*  
*Phoenix, AZ, February 2007; Presenter: Ketan Patel*

## **MENTORSHIP**

University of Southern California Plastic Surgery Program

Daniel Gould-anticipated graduation 2019

Phil Brazio-anticipated graduation 2019

Lee Squitieri-anticipated graduation 2020

University of Southern California School of Medicine

Orr Shauly-Class of 2021 \*Recipient of ASRM Student Research Award\*

Mark Landau-Class of 2019 \*Recipient of Most Meritorious Research Award\*

Bassim El-Sabawi-Class of 2019  
Ido Badash-Class of 2019  
Karen Burtt-Class of 2018  
Alexis Rounds-Class of 2018  
Beina Azadgoli-Class of 2018  
Christine Yin-Class of 2016

University of Southern California (undergraduate)

Jennifer Kim-Class of 2018