

## Curriculum Vitae

**Name:** Matthew L. Iorio, MD

**Current Position:** Associate Professor

**Place of Birth:** Houston, Texas, USA

### Education

1998 – 2002	Bachelor of Arts <i>Cum Laude</i>	Biology	University of Chicago Chicago, IL
2003 – 2007	Doctor of Medicine <i>Magna Cum Laude</i>		Georgetown University School of Medicine, Washington, DC

### Postdoctoral Training

2007 – 2008	Intern	Plastic Surgery	Georgetown University Hospital, Washington, DC
2008 – 2013	Resident	Plastic Surgery	Georgetown University Hospital, Washington, DC
2013 – 2014	Fellow	Hand and Microvascular Surgery	University of Washington, Seattle, WA

### Faculty Academic Appointments

2014 – 2016	Instructor	Department of Surgery	Harvard Medical School
2016 – 2017	Assistant Professor	Department of Surgery	Harvard Medical School
2018 – Present	Associate Professor	Department of Surgery	University of Colorado School of Medicine

### Additional Education and Coursework

2020	Medical Cannabis Education for Health Care Providers	University of Colorado, Skaggs School of Pharmacology and Pharmaceutical Sciences
2022	Sharpening Your Communication Skills	Stanford Graduate School of Business

### Appointments at Hospitals/ Affiliated Institutions

2014 – 2017	Attending Physician	Plastic Surgery	Beth Israel Deaconess Medical Center Boston, MA
2014 – 2017	Attending Physician	Orthopaedic Surgery	Beth Israel Deaconess Medical Center Boston, MA
2014 – 2017	Attending Physician	Plastic Surgery	Beth Israel Deaconess Hospital Milton Milton, MA
2014 – 2017	Attending Physician	Orthopaedic Surgery	Beth Israel Deaconess Hospital Milton Milton, MA

2018 – Present	Attending Physician	Plastic Surgery	University of Colorado Medical Center, Aurora, CO
2018 – Present	Attending Physician	Orthopedic Surgery	University of Colorado Medical Center, Aurora, CO
2018 – Present	Attending Physician	Hand Surgery	Denver Health Denver, CO
2018 – Present	Attending Physician	Plastic Surgery	Children’s Hospital Colorado Aurora, CO
2020 – Present	Attending Physician	Plastic Surgery	Rocky Mountain Regional VA Aurora, CO

### Honors and Awards

2002	Cum Laude	University of Chicago	BA, Biology
2007	Magna Cum Laude	Georgetown University School of Medicine	MD, Doctor of Medicine
2010	Adrian E. Flatt 28 <sup>th</sup> Annual Scholarship	American Foundation for Surgery of the Hand	
2011	Academic Achievement Award	Department of Plastic Surgery, Georgetown University Hospital	Awarded for highest research productivity
2011	Adrian E. Flatt 29 <sup>th</sup> Annual Scholarship	American Foundation for Surgery of the Hand	
2011	Outstanding Resident Teacher Award	Department of Plastic Surgery, Georgetown University Hospital	Outstanding teacher
2011	Outstanding Paper Presentation	American Society of Plastic Surgeons	Annual meeting presentation award
2012	Academic Achievement Award	Department of Plastic Surgery, Georgetown University Hospital	Awarded for highest research productivity
2012	Adrian E. Flatt 30 <sup>th</sup> Annual Scholarship	American Foundation for Surgery of the Hand	
2013	Academic Achievement Award	Department of Plastic Surgery, Georgetown University Hospital	Awarded for highest research productivity
2016	American Society for Surgery of the Hand (ASSH): Young Leaders	American Society for Surgery of the Hand	Young Leader
2017	Blue Ribbon Article	ORTHOPEDECS, Journal	July/August 2017

2022	Teacher of the Year Award	Division of Plastic and Reconstructive Surgery, University of Colorado Hospital	Outstanding teacher
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**Hospital-based or Other News Media**

2015, Vol. 5:2. Inside Surgery. BIDMC.

A Saving Grace. ‘Surgeon replants patient’s severed arm’.

2017, Vol. 7:2. Inside Surgery. BIDMC.

Saving Limbs, Saving Lives. ‘Multidisciplinary care and translational research advance diabetic wound healing’.

2019, Apr 4. CU Anschutz Today.

Surgeon’s Work Spans Saving Limbs to Curbing the Need for Opioids. ‘He studies how peripheral nerve catheters may potentially reduce the use of pain-killing drugs’.

2022, Apr 12. CU Anschutz Department of Surgery Newsroom.

Revised CDC Guideline for Prescribing Opioids Should Emphasize a Multidisciplinary Approach to Managing Pain. ‘Matthew Iorio, MD, has researched alternatives to opioid use in post-surgical pain management and frequently sees effects of chronic pain in his surgical patients’.

**Professional Organizations/Memberships**

**Professional Societies and Committee Service**

2010 – Present American Society for Surgery of the Hand (ASSH)

2010 – 2017 Candidate Member

2017 – Present Active Member

**Committee Service**

2014 – 2016 Adrian E. Flatt Residents and Fellows Conference Committee  
*First term*

2017 – 2018 Adrian E. Flatt Residents and Fellows Conference Committee  
*Second term*

2017 – 2020 Courses and Meetings Advisory Committee

2017 – 2021 Annual Meeting Program Committee

2018 – Present Journal of Hand Surgery Committee

2019 – Present Maintenance of Certification Committee

2010 – Present American Association for Hand Surgery (AAHS)

2010 – 2016 Candidate Member

2016 – Present Active Member

**Committee Service**

2017 – 2020 Vargas Committee

2012 – Present American Society for Reconstructive Microsurgery (ASRM)

2012 – 2016 Candidate Member

2016 – Present Active Member

2017 – Present Società Italiana di Chirurgia della Mano (Italian Society for Surgery of the Hand)

2017 – Present Active Member

2018 – Present American Council of Academic Plastic Surgeons (ACAPS)  
 2018 – Present Active Member

**Committee and Service Responsibilities**

2014 – 2017	Department of Orthopaedic Surgery <i>Committee on Research and Education</i>	Beth Israel Deaconess Medical Center, Boston, MA
2015 – 2017	Perioperative Operations Committee	Beth Israel Deaconess Medical Center, Member
2018 – Present	<u>Director</u> Director PRS Hand	University of Colorado Medical Center, Aurora, CO
2018 – Present	<u>Co-Director</u> Extremity Microsurgery and TMR	University of Colorado Medical Center, Aurora, CO
2019 – 2020	<u>Associate Program Director</u> Plastic Surgery Residency Program	University of Colorado Medical Center, Aurora, CO
2019 – Present	<u>Co-Director</u> Wound Care Program	University of Colorado Medical Center, Aurora, CO
2022 – Present	First Case On Time Starts Steering Committee	University of Colorado Medical Center, Aurora, CO
2022 – Present	First Case On Time Cherry Creek Surgical Center Committee	University of Colorado Medical Center, Aurora, CO

**Licensure and Board Certification (Active)**

2015	Board Certified, American Board of Plastic Surgery (ABPS)
2016	Certification in the Subspecialty of Surgery of the Hand (SOTH)
2017	Colorado medical license

**Scientific Advisor and Research**

Synthes/J&J	Consultant, Hand and Microsurgery 2016 – 2018
CBMD	Chief Medical Officer, Plastic and Reconstructive Surgery 2019 – Present
AxoGen	Consultant, Nerve and Microsurgery 2019 – Present
AlloSource	Consultant, Plastic Surgery

2022 – Present

## **Report of Clinical Activities and Innovations**

### Clinical Innovations

Pulse oximetry for upper extremity vascular trauma 2015	Integrated the use of pulse oximetry for the objective quantification and communication of potentially dysvascular injuries in the upper extremity.
Lower extremity microsurgical salvage service 2016	Established microsurgical cases at a new location in the BIDMC system (East campus), and an integrated limb salvage team for diabetic and traumatic extremity injuries.

### Clinical Guidelines and Quality Improvement

Development of Practice Guidelines, Dept. of Orthopaedics, BIDMC (2014)	“Penetrating and High-energy Injuries of the Upper Extremity” Utilized for the evaluation and treatment of upper extremity trauma with potential concomitant vascular injuries within the BIDMC system
Development of Practice Guidelines, Dept. of Surgery, Div. of Plastic Surgery, BIDMC (2016)	“Pathway for Free Flap Patients” Development, education, and implementation of free tissue transfers within a specialized patient unit and operative system within the BIDMC system. Began a new site for microsurgical procedures and postoperative care within the BIDMC campus.
Development of Practice Guidelines, Div. of Plastic Surgery, UCH (2018)	“Pathway for Inpatient Hand Therapy” Development and education of occupational, physical therapy, and hand surgery teams for optimization of referral, management, and treatment pathways for inpatient upper extremity consultations.
Development of Practice Guidelines, Div. of Plastic Surgery, UCH (2019)	“Pathway for Post-Nerve Block Injury Patients” Development and education within multidisciplinary team for the management, treatment, and surveillance of patients with post-nerve block pain, paresthesia, and associated neurologic injury.
Development of Practice Guidelines, Div. of Plastic Surgery/ Dept. of Surgery, UCH (2020)	“Isolated Upper Extremity Trauma Guidelines and Pathway” Development and education within multidisciplinary team for the management and treatment of patients with upper extremity trauma, including fracture, infection, and vascular injuries.
Development of Practice Guidelines, Div. of Plastic Surgery/ Dept. of Surgery, UCH (2021)	“Wound Care Educational Guide” Development and education within wound care and multidisciplinary team for the education of common inpatient and outpatient wounds, as well as diagnostic and treatment guidelines and therapy. Developed for education of the wound care providers and staff as well as the resident care team. Also used at CHCO for

wound care program reference.

Development of Service line, Div. of Plastic Surgery/ Dept. of Surgery, Dept of Orthopedics, UCH (2022)      “Orthoplastic Surgery”  
 Orthoplastic Surgery is the multidisciplinary management by both orthopedic and plastic surgeons at the time of patient admission, each one performing one or more specific pre-defined tasks. The goal of this care model is to decrease hospital length of stay, improve patient outcomes, minimize interval hospital transfers, and increase the national reputation for care at UCH.

**Editorial Activities**

- 2012 – Present      *Plastic and Reconstructive Surgery Journal*  
 135 completed peer-review/referee assignments  
 Ad hoc reviewer
  
- 2014 – 2018      *Journal of Hand Surgery [Am]*  
 103 completed peer-review assignments  
 Ad hoc reviewer  
Associate Editor: 2018 – Present
  
- 2014 – 2018      *Journal of Reconstructive Microsurgery*  
 61 completed peer-review assignments  
 Ad hoc reviewer  
Editorial Board Member: 2018 – Present
  
- 2015 – Present      *HAND Journal*  
 Ad hoc reviewer: 25 completed peer-review assignments
  
- 2018 – Present      *Journal of Wound Care*  
 Ad hoc reviewer: 8 completed peer-review assignments
  
- 2018 – Present      *Annals of Plastic Surgery Journal*  
Editorial Board Member: 2019– Present
  
- 2020 – Present      *Plastics and Aesthetic Research Journal*  
 22 completed peer-review assignments  
Editorial Board Member  
Associate Editor: 2021 – Present
  
- 2020      Guest Editor  
 Special topic, “Advances in Microsurgery for Upper and Lower Extremity Reconstruction and Limb Preservation”
  
- 2021      Guest Editor  
 Special topic, “Targeted Muscle Reinnervation and Peripheral Nerve Transfers”
  
- 2020 – Present      *Orthopedics Journal*

Ad hoc reviewer: *8 completed peer-review assignments*

2020 – Present

*Journal of Hand and Microsurgery*

Ad hoc reviewer: *3 completed peer-review assignments*

### **Didactic Teaching (Attending Level)**

#### Teaching of Students in Courses

2014	Patient-Doctor II Musculoskeletal Exam: “Hand and Wrist Examination” 20 first year medical students	HMS 1 hour of lecture time
2014	Patient-Doctor II Musculoskeletal Exam: “Hand: Clinical Cases” 20 first year medical students	HMS 1 hour of lecture time
2018, 2019	Principles of Plastic Surgery: Wound Healing 20 first year medical students	UCHMS 1 hour of lecture time

#### Didactic Teaching of Residents, Clinical Fellows and Research Fellows

2014	Extremity Reconstruction: Bone Grafts and Flaps Division of Plastic Surgery Conference	BIDMC 1 hour of lecture
2014	Distal Radius Fractures: Fragment Specific Fixation BIDMC Hand Surgery Indications Conference	BIDMC 1 hour of lecture
2014	Distal Radius Fractures: Interpretation & Management Division of Plastic Surgery Conference	BIDMC 1 hour of lecture
2015	Wrist Instability Harvard Combined Plastic Surgery Residency	MGH 1 hour of lecture
2015	Distal Radius Fractures Division of Plastic Surgery Conference	BIDMC 1 hour of lecture
2015	Wrist Fractures and Instability Harvard Combined Plastic Surgery Residency	MGH 1 hour of lecture
2015, 2016, 2017	Hand and Wrist Tumors Harvard Combined Plastic Surgery Residency	MGH 1 hour of lecture
2016	Lower Extremity Limb Salvage: The Team Approach Division of Plastic Surgery Conference	BIDMC 1 hour of lecture
2018, 2019	Brachial Plexus Reconstruction	UCH

	University of Colorado Plastic Surgery Residency	1 hour of lecture
2018	DRUJ Pathology University of Colorado Hand Fellowship	UCH 1 hour of lecture
2018, 2019, 2020, 2021	Hand and Wrist Fractures University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2018, 2019, 2021, 2022	Principles of Lower Extremity Reconstruction University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2019, 2020	Thumb Reconstruction University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2020	Amputation, Replantation, and Ring Avulsions University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2020	Dupuytren's Disease University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2020	Tendon Transfers University of Colorado Plastic Surgery Residency	UCH 1 hour of lecture
2022	Scaphoid Fractures and Nonunions University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture
2022	Flap Reconstruction of the Upper Extremity University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture
2022	Targeted Muscle Reinnervation University of Colorado Hand Surgery Fellowship	UCH 1 hour of lecture

#### Laboratory Teaching of Residents, Clinical Fellows and Research Fellows

2015, 2017	“Microsurgery” Intern training Bootcamp Department of Orthopaedics	BIDMC
2016	BIDMC Plastic Surgery Hand and Wrist Fracture Lab	BIDMC
2018, 2019, 2020, 2021, 2022	“Microsurgical Skills Training Lab” <u>Director</u> University of Colorado Plastic Surgery Residency	UCH

#### Teaching at Courses and Meetings



2018, 2019, 2021, 2022	The Complete Hand Surgeon: Flaps You Should Know After Fellowship	ASSH Meeting
2018, 2019	Second Annual Hand Surgery Quiz Bowl	ASSH Meeting

## **Report of Teaching and Training**

### **Research Fellows**

2018 – 2019	Allison Kovar, MD, University of Colorado Hospital, General surgery resident Plastic and Reconstructive Surgery Program Career stage: Research Fellow, Mentoring role: Research <ul style="list-style-type: none"><li>• Successfully published 4 peer reviewed research papers</li><li>• Kovar, A; Paton, M. Iorio, M. (2019). An Evaluation of Safety and Patient Outcomes for Hand Surgery Following Prior Breast Cancer Treatment: Establishing New Recommendations in Lymphedema. Podium Presentation 74th Annual Meeting of the ASSH. Las Vegas, NV.</li></ul>
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### **Formally Mentored Faculty**

2022 – Present	Mark Greyson, MD University of Colorado Hospital, Division of Plastic and Reconstructive Surgery
2023 – Present	Justin Cohen, MD University of Colorado Hospital, Division of Plastic and Reconstructive Surgery

### **Formally Mentored Medical, Dental and Graduate Students**

2015 – 2018	Kayva Crawford, Tufts Medical School, Class of 2018 Career stage: Medical student, Mentoring role: Research <ul style="list-style-type: none"><li>• Successfully published 2 peer reviewed research papers</li></ul>
2015 – 2016	Brian Yang, Harvard Medical School Class of 2018 Career stage: Medical student, Mentoring role: Research <ul style="list-style-type: none"><li>• Successfully published 1 peer reviewed study</li></ul>
2016 – 2017	Kelly Zhang, Harvard College Class of 2017, Stanford Medical School Class of 2021 Career stage: Undergraduate student, Mentoring role: Research <ul style="list-style-type: none"><li>• Successfully published 1 peer reviewed study</li><li>• “Blue Ribbon Award” received for quality of academic writing</li></ul>
2016 – 2018	William Knaus, MD, Hand Fellow, Massachusetts General Hospital Career stage: HMS Plastic surgery resident, Mentoring role: Mentor <ul style="list-style-type: none"><li>• Successfully published in peer reviewed literature</li><li>• Mentorship to assist in successfully pursuing a hand fellowship</li></ul>

- 2016 – 2018 Akhil K. Seth, MD, Harvard Medical School, Plastic Surgery resident  
Career stage: HMS Plastic surgery resident, Mentoring role: Mentor
- Successfully published in peer reviewed literature and academic meeting presentations (national and international podium presentations)
- 2016 – 2018 David Mattos, MD, Harvard Medical School, Plastic surgery resident  
Career stage: HMS Plastic surgery resident, Mentoring role: Mentor
- Successfully published in peer review literature:
  - Mentorship to assist in successfully pursuing a hand fellowship
- 2016 – 2020 Shawn Diamond, MD, Harvard Medical School, Plastic Surgery resident  
Career stage: HMS Plastic surgery resident, Mentoring role: Mentor; Research
- Successfully published in peer reviewed literature and academic meeting presentations (national and international podium presentations)
  - Mentorship to assist in successfully pursuing a hand fellowship
- 2018 – 2021 Jhade Woodall, University of Colorado Hospital, Plastic Surgery Resident  
Career stage: Resident/Fellow, Mentoring role: Mentor
- Mentorship for plastic surgery and to assist in successfully pursuing a hand fellowship
- 2018 – 2021 Madeline Patton, University of Colorado School of Medicine, Class of 2021  
Career stage: Medical student, Mentoring role: Research
- Successfully published 1 peer reviewed study
- 2019 – 2020 Susie Choi, University of Colorado School of Medicine, Class of 2022  
Career stage: Medical student, Mentoring role: Research
- Successfully published 1 peer reviewed study
  - MSA Capstone, Donor Site Morbidity in Phalloplasty Reconstructions
- 2020 – Present Elliot Le, University of Colorado Hospital, Plastic Surgery Resident  
Career stage: UCH Plastic surgery resident, Mentoring role: Mentor; Research.
- Successfully published in peer reviewed literature and academic meeting presentations (national and international podium presentations)
  - Mentor, plastic surgery residency
- 2020 – Present Jerry Yang, University of Colorado School of Medicine, Class of 2021  
Career stage: Medical student; Resident, Mentoring role: Research.
- Successfully published 1 peer reviewed study
  - Mentorship role to assist in successfully pursuing plastic surgery residency at UCH
  - Working on manuscripts for outcomes of lower extremity reconstruction
- 2020 – Present Nayun “Mary” Lee , University of Colorado School of Medicine, Class of 2024  
Career stage: Medical student, Mentoring role: Research.

- Successful in academic meeting presentations (national and international podium presentations)
- Working on manuscripts for patient outcomes in the setting of trauma, hand fractures, and various plastic surgery procedures based on opioid use as well as concurrent cannabis use

- 2020 – Present Ryan Constantine, University of Colorado Hospital, Plastic Surgery Resident  
Career stage: UCH Plastic surgery resident, Mentoring role: Research.
- Successfully published in peer reviewed literature
  - Working on manuscripts for flap outcomes following limb preservation and acute injury
- 2020 – Present Michael Gehring, University of Colorado Hospital, Plastic Surgery Resident  
Career stage: UCH Plastic surgery resident, Mentoring role: Research.
- Successfully published in peer reviewed literature
  - Working on manuscripts for prospective outcomes of metacarpal fracture repair
- 2020 – 2022 Krystle Tuano, University of Colorado Hospital, Plastic Surgery Resident  
Career stage: UCH Plastic surgery resident, Mentoring role: Research.
- Successfully published in peer reviewed literature
  - Mentorship role to assist in successfully pursuing a hand fellowship
- 2021 – Present Jessica Saifee, University of Colorado School of Medicine, Class of 2023  
Career stage: Medical student, Mentoring role: Research.
- Successfully published in peer reviewed literature
  - Submitted manuscripts on mental health outcomes in the setting of reconstructive breast surgery

## **Report of Regional, National and International Invited Teaching and Presentations**

### **Invited Presentations: Local and Regional**

- 2011 Defining the Physiologic Components of the Medial Femoral Condyle Vascularized Bone Graft: A Two-part Study  
Research Presentation for the E.F. Shaw Wilgis Lectureship in Hand Surgery  
The Curtis National Hand Center  
Baltimore, MD
- 2014 Anatomy and Deforming Forces of the Thumb  
University of Washington Hand Course, 'Rules of Thumb': Management of Thumb Disorders Across the Lifespan  
Seattle, WA
- 2015 Management of Upper Extremity Trauma: Indications and Outcomes Following Replantation  
Trauma Grand Rounds  
Lawrence General Hospital  
Lawrence, MA

- 2015 Management of Upper Extremity Trauma: Indications and Outcomes Following Replantation  
Department of Surgery Grand Rounds  
Beth Israel Deaconess Hospital-Milton  
Milton, MA
- 2015 “Management of Upper Extremity Replantation: Techniques and Outcomes of Hand Therapy”  
Baystate Hand Therapy Meeting  
Beth Israel Deaconess-Milton Hospital  
Milton, MA
- 2016 “Mechanical Wound Treatments”  
Doctors Demystify Wound Care for Occupational and Physical Therapists  
Brigham and Women’s Faulkner Hospital  
Boston, MA
- 2016 1<sup>st</sup> Annual DePuy Synthes Future Leaders Workshop: Pre-fellowship Hand Surgery  
Microsurgery: Tips and Tricks  
Extensor Tendon Lacerations: Repair Strategies  
Flexor Tendon Suture Repair Constructs: What Matters  
Raynham, MA
- 2016 “Surgical Repair of Chronic Wounds”  
Department of Surgery, Division of Podiatry Grand Rounds  
Beth Israel Deaconess Medical Center  
Boston, MA
- 2016 “Flaps: Solutions for Extremity Salvage”  
Perioperative Committee Grand Rounds  
Beth Israel Deaconess Medical Center  
Boston, MA
- 2016 Upper and Lower Limb Salvage and Replantation  
Department of Surgery Grand Rounds  
Beth Israel Deaconess Medical Center  
Boston, MA
- 2016 “Full Thickness Defects in the Hand”  
Third Annual Jesse B. Jupiter International Hand Forum Upper Extremity Reconstruction  
Massachusetts General Hospital  
Cambridge, MA
- 2017 “Soft Tissue Coverage of the Elbow”  
Fourth Annual Jesse B. Jupiter International Hand Forum Upper Extremity Reconstruction  
Massachusetts General Hospital

Cambridge, MA

- 2017 2<sup>nd</sup> Annual DePuy Synthes Future Leaders Workshop: Pre-fellowship Hand Surgery  
Microsurgery: Tips and Tricks  
Extensor Tendon Lacerations: Repair Strategies  
Flexor Tendon Suture Repair Constructs: What Matters  
Raynham, MA
- 2018 Super-Thin Flaps in Extremity Reconstruction  
3<sup>rd</sup> Annual Meeting of the Mountain West Society of Plastic Surgeons  
Jackson, WY
- 2018 “Microsurgical Extremity Salvage: Improving Function, Decreasing Pain, and Improving Mortality”  
Department of Surgery Grand Rounds  
University of Colorado Hospital, Anschutz Medical Campus  
Aurora, CO
- 2019 “Plastic Surgery and Extremity Reconstruction”  
Department of Orthopedics Grand Rounds  
University of Colorado Hospital, Anschutz Medical Campus  
Aurora, CO
- 2022 “Wounds, grafts, and flaps: Fitting the pieces together”  
Wound Care Monthly Education Series  
Aurora, CO
- 2022 “Strategies in Limb Preservation and Nerve Pain”  
Advancing Patient Possibilities: Physician and Patient Perspectives on Limb Loss and Limb Difference  
Limb Preservation Foundation  
Golden, CO
- 2022 “Strategies in Limb Preservation and Nerve Reconstruction”  
AlloSource  
Centennial, CO

**Invited Presentations: National and International**

- 2013 Medical Students Interested in Plastic Surgery  
Instruction Session at the Meeting of the American Society for Aesthetic Plastic Surgery  
New York, NY
- 2013 Suture Skills Session: Basic Techniques  
Assistant Course Instructor - Lecture/assist in suture techniques  
American Medical Student Association Annual Convention  
Washington, DC

- 2013 Suture Skills Session: Advanced Techniques  
Assistant Course Instructor - Lecture/assist in suture techniques  
American Medical Student Association Annual Convention  
Washington, DC
- 2016 Complex Trauma Cases: Working Together with Orthopaedic and Plastic Surgery.  
Panel discussion and presentation at the 71<sup>st</sup> Annual Meeting of the American Society for  
Surgery of the Hand  
Austin, TX
- 2017 The Complete Hand Surgeon: Flaps You Should Know After Fellowship  
Table Instructor  
72<sup>nd</sup> Annual Meeting of the American Society for Surgery of the Hand  
San Francisco, CA
- 2017 Medial Femoral Condyle Flap: Applications and Indications  
Table Instructor  
2<sup>nd</sup> Annual Oncological Reconstruction and Microsurgery Course  
Denver, CO
- 2017 Limb Preservation and Soft Tissue Reconstruction of the Foot: Role of the Plastic Surgeon  
The Diabetic Lower Extremity Symposium: From Innovation to Therapy  
Boston, MA
- 2019 Medial Femoral Trochlea Osteoarticular Microvascular Bone Flap for Unreconstructable  
Scaphoid Nonunions  
Moderator/Speaker American Society for Surgery of the Hand Meeting  
Las Vegas, NV
- 2019 Ulnar Nerve Palsy: Nerve Transfers vs. Tendon Transfers  
Moderator/Speaker American Society for Plastic Surgery Meeting  
San Diego, CA
- 2019 Replantation Surgery in the 21st Century: Should We Save that Index Finger?  
Moderator/Speaker American Society for Plastic Surgery Meeting  
San Diego, CA
- 2020 Non-operative and operative intervention for DRUJ Instability: How and when to  
intervene  
Moderator/Speaker American Society for Surgery of the Hand Meeting  
Virtual Meeting
- 2020 My Favorite Flaps in the Hand  
Moderator/Speaker American Society for Plastic Surgery Meeting  
Virtual Meeting

- 2021 My Favorite Flaps in the Hand  
Speaker, American Society of Plastic Surgery Meeting  
Atlanta, GA
- 2021 Top 5 Innovations that have made my practice easier: Ultrasound, WALANT, Field  
Sterility, No-Hurt Local, Intraop Patient Education  
Lead/Moderator  
Atlanta, GA
- 2021 Carpal Instability - SLAC, SNAC, wrist arthritis, and salvage procedures  
Course Lead, Speaker, 76th Annual Meeting of the American Society for Hand Surgery  
"Arterial Anatomy and Dorsal Metacarpal Flaps"  
San Francisco, CA
- 2021 Carpal Instability - SLAC, SNAC, wrist arthritis, and salvage procedures  
Speaker, American Society of Plastic Surgery Meeting  
"Wrist Arthritis: Etiologies and Nonsurgical Treatment"  
Atlanta, GA
- 2022 ASSH Comprehensive Review in Hand and Upper Extremity Surgery  
Session VI: Soft tissue Reconstruction/Microvascular  
"Reconstruction of Fingertip, Digit, and Thumb Injuries"  
Virtual Meeting

## Report of Scholarship

### Poster Presentations and Exhibits Presented at Professional Meetings

#### Presentations with Special Recognition

- 2011 Periosteal Angiosome of the Descending Geniculate Artery.  
**Iorio ML (presenter)**, Masden D, Higgins JP  
Podium Presentation at Plastic Surgery 2011, Meeting of the American Society of  
Plastic Surgeons  
Denver, CO  
**Award: Outstanding Paper Presentation, American Society of Plastic Surgeons**
- 2021 Macromastia and Reduction Mammoplasty: Analysis of Total Cost of Care and  
Opioid Consumption at 10-Years Post-Operatively  
Jabbari K, Gehring MB, Iorio ML, Mathes DW, Kaoutzanis C.  
Poster Presentation at the 36<sup>th</sup> Annual Student Research Forum  
University of Colorado School of Medicine  
Aurora, CO  
**Award: Monetary award**

#### Local and Regional Presentations

- 2009 The Use of Integra, a Bilayered Human Skin Equivalent, in the Treatment of Diabetic  
Foot Ulcers

- Podium Presentation at the Northeastern Society of Plastic Surgeons Meeting  
Charleston, South Carolina
- 2010      Converting a Complex Wound to a Simple Wound: The Role of Extracellular Matrix  
Podium Presentation at the Diabetic Limb Salvage Conference  
Washington, DC
- 2010      Upper Extremity Peripheral Nerve Reconstruction: An Algorithm for Injury  
Classification and Repair Techniques.  
Podium Presentation at the Northeastern Society of Plastic Surgeons Meeting  
Washington, DC (Abstract selected for oral presentation/presenter)
- 2011      Presurgical Planning and Time-Efficiency in Orthognathic Surgery: The Use of  
Computer-Assisted Surgical Simulation.  
Podium Presentation at the Northeastern Society of Plastic Surgeons Meeting  
Amelia Island, FL (Abstract selected for oral presentation/presenter)
- 2012      Osseous and Cutaneous Angiosomes of the Descending Geniculate Artery  
Hand Surgery Panel: Adult/Reconstructive: Medial Femoral Condyle (MFC)  
Vascularized Bone Reconstruction of Upper Extremity Nonunions  
Northeastern Society of Plastic Surgeons Meeting  
Boston, MA
- 2012      Improving Patient Selection for Limb Salvage Verses Early BKA  
Podium Presentation at the 2012 Vascular Annual Meeting  
National Harbor, Maryland
- 2016      Diagnosis of TFCC Injuries: A systematic Review and Meta-analysis Comparing the  
Accuracy of Multiple Imaging Modalities  
Podium Presentation at the 27th Annual Richard J. Smith Day  
Third Annual Jesse B. Jupiter International Hand Forum Upper Extremity  
Reconstruction  
Cambridge, MA (Abstract selected for presentation)
- 2016      The Impact of Safety Regulations on the Incidence of Power Saw Injuries in the  
United States.  
Podium Presentation at the 27th Annual Richard J. Smith Day  
Third Annual Jesse B. Jupiter International Hand Forum Upper Extremity  
Reconstruction  
Cambridge, MA (Abstract selected for presentation)

National and International Presentations

- 2009      The Use of Integra, a Bilayered Human Skin Equivalent, in the Treatment of  
Diabetic Foot Ulcers  
Iorio ML, Goldstein J, Adams M, Steinberg J, Attinger CE  
Podium Presentation at the Northeastern Society of Plastic Surgeons Meeting  
Charleston, SC



- 2009      The Use of Integra, a Bilayered Human Skin Equivalent, in the Treatment of Diabetic Foot Ulcers  
Iorio ML, Goldstein J, Adams M, Steinberg J, Attinger CE  
Podium Presentation at Plastic Surgery 2009, Meeting of the American Society of Plastic Surgeons  
Seattle, WA
- 2011      Presurgical Planning and Time-Efficiency In Orthognathic Surgery: The Use of Computer-Assisted Surgical Simulation.  
Iorio ML, Masden D, Baker SBB  
Podium Presentation at Plastic Surgery 2011, Meeting of the American Society of Plastic Surgeons  
Denver, CO
- 2011      Periosteal Angiosome of the Descending Geniculate Artery.  
Iorio ML, Masden D, Higgins JP  
Podium Presentation at the 29th Annual Adrian E. Flatt Residents and Fellows Conference in Hand Surgery, American Society for Surgery of the Hand  
Las Vegas, NV
- 2011      Periosteal Angiosome of the Descending Geniculate Artery.  
Iorio ML, Masden D, Higgins JP  
Podium Presentation at Plastic Surgery 2011, Meeting of the American Society of Plastic Surgeons  
Denver, CO
- 2011      Comparison of the Osseous Characteristics of Medial Femoral Condyle and Fibula Flaps.  
Masden D, Iorio ML, Higgins JP  
Podium Presentation at the 6th Congress of the World Society for Reconstructive Microsurgery Meeting  
Helsinki, Finland
- 2011      Modified Approach for Lateral Femoral Cutaneous Nerve Decompression in Patients with Meralgia Paresthetica.  
Ducic I, Iorio ML.  
Podium Presentation at the American Society for Peripheral Nerve Meeting  
Cancun, Mexico
- 2011      Chronic Post-operative Breast Pain: Danger Zones for Nerve Injuries  
Ducic I, Iorio ML, Seiboth L.  
Podium Presentation at the American Society for Reconstructive Microsurgery Meeting  
Cancun, Mexico

- 2012 Plastic Surgery Training and the ACGME Guidelines: Evaluating Patient Satisfaction in a Resident Clinic.  
Iorio ML, Stolle E, Brown B, Baker SB  
Podium Presentation at the Meeting of the American Society for Aesthetic Plastic Surgery  
Vancouver, British Columbia
- 2012 Periosteal and Cutaneous Angiosomes of the Descending Geniculate Artery.  
Iorio ML, Higgins JP  
Podium presentation at the American Society for Plastic Surgery Senior Residents Conference  
Chicago, IL
- 2013 Combined Tendon and Posterior Leg Free Tissue Reconstructions for Achilles Tendon Defects: A Functional Evaluation of Vascularized Tendon Outcomes.  
Han KD, Iorio ML, Evans KK, Attinger CE.  
Podium presentation at the 8th Congress of the World Society for Reconstructive Microsurgery Meeting  
Chicago, Illinois
- 2013 Analysis of the Deep and Superficial Inferior Epigastric Arteries Using Computed Tomographic Angiography: Relation to Abdominal Wall Thickness and Body Mass Index.  
Barbour JR, Iorio ML, Han K, Kadkhodayan TS, Myckatyn TM  
Podium Presentation at Plastic Surgery 2013, Meeting of the American Society of Plastic Surgeons  
San Diego, California
- 2014 The Use of Pulse Oximetry for Objective Quantification of Vascular Injuries in the Hand.  
Iorio ML, Tarabadkar N, Gundle K, Friedrich JB  
Podium Presentation at the 69th Meeting for the American Society for Surgery of the Hand  
Boston, MA
- 2015 Complex Hand and Wrist Reconstruction Using Free Vascularized Bone Grafts.  
Leland HA, Alluri RK, Iorio ML, Carey JN, Constantinescu T, Patel KM  
Podium Presentation at the Annual Meeting for the American Society of Plastic Surgeons  
Boston, MA
- 2016 Glenohumeral Dysplasia Following Neonatal Brachial Plexus Palsy: Presentation During Infancy and Predictive Features.  
Tse RW, Iorio ML, Menashe SJ, Iyer RS, Lewis SP, Steinman S, Whitlock KB  
Podium Presentation at the American Society for Peripheral Nerve Annual Meeting  
Scottsdale, AZ

- 2016      Extremity Reconstruction with Super-thin and Suprafascial Anterolateral Thigh Perforator Flaps.  
Seth AK, Lee BT, Iorio ML  
Podium Presentation at the 33<sup>rd</sup> Meeting of the Northeastern Society of Plastic Surgeons.  
Baltimore, MD
- 2016      The Impact of Safety Regulations on the Incidence of Power Saw Injuries in the United States.  
Harper CM, Vosbikian MM, Byers A, Iorio ML  
Podium Presentation at the American Society for Surgery of the Hand  
Austin, TX
- 2016      The Use of Pulse Oximetry for Objective Quantification of Vascular Injuries of the Hand.  
Friedrich JB, Tarabdkar N, Gundle K, Iorio ML  
Podium Presentation at the Australian Hand Surgery Society/American Society for Surgery of the Hand Combined Meeting  
Sydney, Australia
- 2017      Surgeon-Based 3-D Printing for Vascularized Bone Transfers.  
Taylor E, Iorio ML  
Podium Presentation at the Annual Meeting for the American Society for Reconstructive Microsurgery  
Waikoloa, HI
- 2017      Outcomes Following a Standardized Lower Extremity Free Flap Postoperative Pathway and Dangle Protocol.  
Seth AK, Iorio ML  
Podium Presentation at the Annual Meeting for the American Society for Reconstructive Microsurgery  
Waikoloa, HI
- 2017      Surgeon-Based 3-D Printing for Vascularized Bone Transfers.  
Taylor E, Iorio ML  
Podium Presentation at the World Society for Reconstructive Microsurgery  
Seoul, Korea
- 2017      Aggressive Limb Salvage in the Vasculopath: Thinning Flaps does not affect Functional Recovery.  
Iorio ML, Diamond S, Seth AK  
Podium Presentation at the World Society for Reconstructive Microsurgery  
Seoul, Korea

- 2019 Kovar, A; Paton, M. Iorio, M. (2019). An Evaluation of Safety and Patient Outcomes for Hand Surgery Following Prior Breast Cancer Treatment: Establishing New Recommendations in Lymphedema.  
Podium Presentation 74th Annual Meeting of the ASSH.  
Las Vegas, NV.
- 2020 Evaluation of Primary and Secondary Free Flap Desyndactylization Techniques in Hand and Digit Reconstruction.  
American Society of Plastic Surgery Meeting  
Virtual Meeting
- 2021 A Case of Bilateral Distal Radius Fractures in a Patient with Severe Osteogenesis Imperfecta.  
6<sup>th</sup> Annual Meeting of the Mountain West Society of Plastic Surgeons  
Virtual Meeting
- 2022 Patterns of Opioid Use Following Operative Treatment of Distal Radius Fractures: Comparison and Predictive Factors for Diminished Need in Cannabis Users.  
Podium Presentation American Association for Hand Surgery  
Carlsbad, CA
- 2022 The Postoperative Effects of Cannabis Use in Body Contouring Patients: A Retrospective Cohort Study.  
Tuaño KR, Le E, Yang JH, Mundra L, Constantine R, Mathes DW, Iorio ML, Kaoutzanis C  
Podium Presentation at The Aesthetic Meeting 2022  
San Diego, CA
- 2022 Analysis of Complications in the Setting of Corticosteroid Injection for Patients with Carpometacarpal Joint Arthritis.  
Lee N, Iorio ML  
Podium presentation. American Society for Plastic Surgery Meeting (ASPS)  
Boston, MA
- 2022 Extended Vs Standard Duration Venous Thromboembolism Chemoprophylaxis Following Microsurgical Breast Reconstruction: A Retrospective Cohort Study of Venous Thromboembolism Events.  
Le EL, Saifee J, Constantine RS, Tuaño KR, Yang J, Kaoutzanis C, Mathes DW, Iorio ML  
Podium presentation at the Plastic Surgery Research Council Annual Meeting (PSRC)  
Toronto, Ontario, Canada

- 2022      Patterns of Postoperative Opioid Use in Transgender Patients Undergoing Chest Masculinizing Surgeries.  
Lee N, Gehring M, Winocour J, Iorio ML, Mathes DW, Kaoutzanis C  
Podium presentation at World Professional Association for Transgender Health (WPATH)  
Montreal, Quebec, Canada

Professional Meeting Poster Presentations

- 2006      Fluorescent Stereoscopic Photography for Quantifying the Histologic Characteristics of Adipocytes from Different Regional Anatomic Sources  
*Poster presentation at IFATS 2006, Meeting of the International Federation of Adipose Therapeutics and Science, Baton Rouge, Louisiana*
- 2006      Identification of Preadipocytes in Human Adipose Tissue: Techniques and Applications for Staining Adipocyte Precursors  
*Poster presentation at IFATS 2006, Meeting of the International Federation of Adipose Therapeutics and Science Baton Rouge, Louisiana*
- 2006      One-Stage Abdominal Wall Herniorrhaphy and Body Contouring in the Morbidly Obese Patient  
*Poster presentation at Plastic Surgery the Meeting, American Society of Plastic Surgeons San Francisco, California*
- 2011      Periosteal Angiosome of the Descending Geniculate Artery  
*Poster Presentation at the 6<sup>th</sup> Congress of the World Society for Reconstructive Microsurgery Meeting Helsinki, Finland*
- 2011      Angiosome Territory of the Medial Femoral Condyle Osteocutaneous Flap  
*Poster Presentation at the 6<sup>th</sup> Congress of the World Society for Reconstructive Microsurgery Meeting Helsinki, Finland*
- 2011      Conversion of Below Knee Amputations to Above Knee Amputations and Revision Rates: A Case Series  
*Poster Presentation at the Diabetic Limb Salvage Meeting Washington, DC*
- 2011      Ambulation Rates Following Below Knee Amputations: The Georgetown Experience  
*Poster Presentation at the Diabetic Limb Salvage Meeting Washington, DC*
- 2011      Angiosome Territory of the Medial Femoral Condyle Osteocutaneous Flap  
*Poster Presentation at the 66<sup>th</sup> Meeting of the American Society for Surgery of the*

*Hand  
Las Vegas, Nevada*

- 2012 Comparison of the Osseous Characteristics of Medial Femoral Condyle and Fibula Flaps  
*Poster Presentation at the American Society for Reconstructive Microsurgery Annual Meeting  
Las Vegas, Nevada*
- 2012 Defining the Medial Femoral Condyle Osteocutaneous Flap: Selective Angiosome Perfusion  
*Poster Presentation at the American Society for Reconstructive Microsurgery Annual Meeting  
Las Vegas, Nevada*
- 2012 Regional Periosteal Perfusion of the Descending Geniculate Artery  
*Poster Presentation at the American Society for Reconstructive Microsurgery Annual Meeting  
Las Vegas, Nevada*
- 2012 Surgeon Perceptions and Patient Outcomes Regarding Proximal Ulna Fixation: A Multicenter Experience  
*Poster Presentation at the Combined Meeting of the American Society for Surgery of the Hand and Australian Hand Surgery Society  
Kauai, Hawaii*
- 2012 A Systematic Review and Pooled-analysis of Peroneal Artery Perforators for Free-tissue Transfer and Local Flaps  
*Poster Presentation at George Washington University Research Days  
Washington, DC*
- 2012 Improving Below Knee Amputation Outcomes with a Vascularized Fibular Graft: A Case Series  
*Poster Presentation at the 91<sup>st</sup> Meeting of the American Association of Plastic Surgeons  
San Francisco, California*
- 2012 Wound Healing in the Upper and Lower Extremities: A Systematic Review on the Use of Acellular Dermal Matrices.  
*Poster Presentation at the Northeastern Society of Plastic Surgeons Meeting  
Boston, Massachusetts*
- 2012 Combined Achilles Tendon and Soft Tissue Defects: Functional Outcomes of Free Tissue Transfers with Vascularized Tendon  
*Poster Presentation at the Diabetic Limb Salvage Conference  
Washington, DC*

- 2013 Combined Achilles Tendon and Soft Tissue Defects: Functional Outcomes of Free Tissue Transfers with Vascularized Tendon  
*Poster Presentation at the 58<sup>th</sup> Annual Meeting of the Plastic Surgery Research Council*  
*Santa Monica, California*
- 2014 Morphology of the Extensor Carpi Ulnaris Groove.  
*Poster Presentation at the Residents and Fellows Conference at the 69<sup>th</sup> Meeting for the American Society for Surgery of the Hand*  
*Boston, MA*
- 2016 Financial Analysis: Orthopedic Medical Device 510(k) vs. PMA Approval Feasibility  
*Poster Presentation at 5<sup>th</sup> Annual Harvard Medical School Surgery Research Day*  
*Boston, MA*
- 2016 Comparing Physician and Patient Perceptions of an Orthopedic Clinic Visit  
*Poster Presentation at 5<sup>th</sup> Annual Harvard Medical School Surgery Research Day*  
*Boston, MA*
- 2016 Prevention of Thumb Web Space Contracture with Multiplanar External Fixation  
*Poster Presentation at 5<sup>th</sup> Annual Harvard Medical School Surgery Research Day*  
*Boston, MA*
- 2016 The Impact of Safety Regulations on the Incidence of Power Saw Injuries in the United States  
*Poster Presentation at 5<sup>th</sup> Annual Harvard Medical School Surgery Research Day*  
*Boston, MA*
- 2016 Diagnosis of Triangular Fibrocartilagenous Complex Injuries: A Systematic Review and Meta-Analysis Comparing the Accuracy of Multiple Imaging Modalities for Injury Diagnosis and Site-Specific Lesion Detection  
*Poster Presentation at the 71<sup>st</sup> Annual Meeting of the American Society for Surgery of the Hand*  
*Austin, TX*
- 2016 Vascularized Bone Grafting in Scaphoid Nonunion: A Review of Patient-Centered Outcomes  
*Poster Presentation at the American Academy of Orthopaedic Surgery*  
*Orlando, FL*
- 2019 Targeted Muscle Reinnervation: Outcomes in Treating Chronic Pain and Phantom Limb Syndrome.  
*Poster Presentation at the Mountain West Society of Plastic Surgeons*  
*Jackson, WY*

- 2020 An Evaluation of Safety and Patient Outcomes for Hand Surgery Following Prior Breast Cancer Treatment: Establishing New Recommendations in Lymphedema. *Poster Presentation at the Mountain West Society of Plastic Surgeons Annual Meeting*  
Snowmass, CO
- 2020 Fundamentals of Microsurgery: Pilot Study for a Standardized Training Model. *Poster Presentation at the Mountain West Society of Plastic Surgeons Annual Meeting.*  
Snowmass, CO
- 2020 An Evaluation of Safety and Patient Outcomes for Hand Surgery Following Prior Breast Cancer Treatment: Establishing New Recommendations in Lymphedema. *Poster Presentation University of Colorado Department of Medicine Research Day*  
Aurora, CO
- 2021 Intramedullary Fixation for Metacarpal Fractures: A Prospective Outcomes Study. *Virtual Poster Presentation at the 76th American Society for Surgery of the Hand.*  
San Francisco, CA
- 2022 Risk Factors for Infection After Distal Radius Fracture Fixation: Analysis of a National Database and Impact on Cost of Care. *Poster Presentation at the American Association for Hand Surgery.*  
Carlsbad, CA
- 2022 Dupuytren's Contracture Induces Stenosing Tenosynovitis? Analysis of a National Database Investigating Dupuytren's Impact on the Development of Trigger Finger. *Poster Presentation at the American Association for Hand Surgery.*  
Carlsbad, CA
- 2022 Macromastia and Reduction Mammoplasty: Analysis of Total Cost of Care and Opioid Consumption at 10-Years Post-Operatively. *Poster Presentation at the 7th Annual Mountain West Meeting*  
Snowbird, UT
- 2022 Risk Factors Associated with Pressure Ulcer Recurrence after Reconstruction: Analysis of a National Database. *Poster Presentation. American Society for Plastic Surgery Meeting (ASPS)*  
Boston, MA
- 2022 Analysis of Postoperative Distal Radius Fracture Outcomes in the Setting of Osteopenia and Osteoporosis for Patients with Comorbid Conditions. *Poster presentation. American Society for Hand Surgery Meeting (ASSH)*  
Boston, MA



- 2022 Atraumatic Radial and ulnar artery Thrombotic Occlusion Resulting in Critical Limb Ischemia Triggered by Black Mold Infestation.  
*Poster presentation. Vascular Scientific Sessions, Society for Vascular Medicine Denver, CO*

### **Report of Grant Funding**

- 2010 Raymond M. Curtis Research Grant  
“Defining the physiologic components of the medial femoral condyle vascularized bone graft: a two-part study”  
The goal of this study was to investigate the vascular irrigation and composition of the osteochondral free flap from the medial femoral condyle, and the potential for a osteochondral-cutaneous component.  
Principal Investigator
- 2010 Raymond M. Curtis Research Grant  
“Retrospective review of Kienbocks patients and the incidence of type I and II lunate morphology”  
The goal of this study was to investigate the varying morphology of the lunate in patients with Kienbock disease to determine risk factors for disease development or progression.  
Principal Investigator

### **Report of Scholarship**

#### **Published Abstracts**

- 2003 Genetic relatedness of mucosa-associated and nonadherent commensal E. coli strains isolated from Crohns disease (CD) patients.  
Hendrickson BA, Tao Y, Price J, **Iorio ML**, Berjohn CM, Kirschner BS, Dizikes G.  
*Gastroenterology*. 2003 Apr; 124(4):320S.
- 2011 Periosteal Angiosome of the Descending Geniculate Artery.  
**Iorio ML**, Masden D, Higgins JP.  
*Plastic and Reconstructive Surgery*. 2011. September.  
doi:10.1097/01.prs.0000406246.36631.ba
- 2017 Pediatric Open Tibial Fractures in the Unites States: Analysis of Incidence, operative Strategies and Resource Utilization over 15 years.  
Bucknor, A, Ultee KHJ, Huang A, Chattha AS, Chen A, Afshar S, Lin SJ, **Iorio ML**. *Plastic and Reconstructive Surgery Global Open*. 2017 September. Vol 5: Issue 9S: 167. doi: 10.1097/01.GOX.0000526405.47863.ce
- 2020 Wound Complications In Revision Total Knee Arthroplasty: An Analysis of ACS-NSQIP.  
Mundra LS, **Iorio ML**.  
*Plastic and Reconstructive Surgery Global Open*. 2020 July. Vol 8: Issue 7S:8. doi: 10.1097/01.GOX.0000696032.48167.20

**Peer reviewed publications in print or other media (\* senior/ corresponding author)**

1. Mahadevan D, Cooke L, Riley C, Swart R, Simons B, Della Croce K, Wisner L, **Iorio M**, Shakalya K, Garewal H, Nagle R, Bearss D. A novel tyrosine kinase switch is a mechanism of imatinib resistance in gastrointestinal stromal tumors. *Oncogene*. 2007 Jun 7;26(27):3909-19. PMID: 17325667.
2. Davison SP, Grant NN, Schwarz KA, **Iorio ML**. Maximizing flap inset for tongue reconstruction. *Plast Reconstr Surg*. 2008 Jun; 121(6):1982-5. PMID: 18520885.
3. Seruya M, Venturi ML, **Iorio ML**, Davison SP. Efficacy and safety of venous thromboembolism prophylaxis in highest risk plastic surgery patients. *Plast Reconstr Surg*. 2008 Dec; 122(6):1701-8. PMID: 19050522.
4. Davison SP, Parikh PM, Jacobson JM, **Iorio ML**, Kalan M. A "buttressed mesh" technique for fascial closure in complex abdominal wall reconstruction. *Ann Plast Surg*. 2009 Mar; 62(3):284-9. PMID: 19240526.
5. Ducic I, **Iorio ML**, Al-Attar A. Chronic Headaches/Migraines: Extending indications for reduction mammoplasty. *Plast Reconstr Surg*. 2010 Jan; 125(1):44-49. PMID: 20048598.
6. Goldstein J, **Iorio ML**, Brown B, Attinger CE. The use of negative pressure wound therapy for random local flaps at the ankle region. *J Foot Ankle Surg*. 2010 Nov-Dec; 49(6):513-6. PMID: 20801691.
7. Masden DM, Felder JM, **Iorio ML**, Bhanot P, Attinger CE. Abdominal wall reconstruction with implantable meshes. *J Long Term Eff Med Implants*. 2011; 21(1):25-50. PMID: 21663579.
8. Ducic I, Felder JM, **Iorio ML**. The role of peripheral nerve surgery in diabetic limb salvage. *Plast Reconstr Surg*. 2011 Jan; 127(1):259S-269S. PMID: 21200300.
9. Ducic I, Seiboth LA, **Iorio ML**. Chronic post-operative breast pain: Danger zones for nerve injuries. *Plast Reconstr Surg*. 2011 Jan; 127(1):41-46. PMID: 21200198.
10. **Iorio ML**, Goldstein J, Adams M, Steinberg J, Attinger C. Functional limb salvage in the diabetic patient: The use of a collagen bilayer matrix and risk factors for amputation. *Plast Reconstr Surg*. 2011 Jan; 127(1):260-267. PMID: 20938372.
11. Ducic I, **Iorio ML**. Modified approach for lateral femoral cutaneous nerve decompression in patients with meralgia paresthetica. *Plast Reconstr Surg*. 2011 Mar; 127(3):82e-83. PMID: 21364401.
12. **Iorio ML**, Endara M, Attinger CE. Occult irradiation injury following angiographic procedures: Recognition and treatment of an evolving complication. *Ann Plas Surg*. 2011 Aug;67(2):109-13. PMID: 21346526.
13. **Iorio ML**, Felder JM, Ducic I. Anterior branch of the obturator nerve: A novel motor autograft for complex peripheral nerve reconstruction. *Ann Plas Surg*. 2011 Sep; 67(3):260-2. PMID: 21712694.

14. **Iorio ML**, Masden D, Baker SB. Presurgical planning and time-efficiency in orthognathic surgery: The use of computer-assisted surgical simulation. *Plast Reconstr Surg.* 2011 Sep; 128(3):179e-81. PMID: 21865991.
15. Masden DL, **Iorio ML**, Higgins JP. Small joint reconstruction of the hand. *Clin Plast Surg.* 2011 Oct;38(4):751-60. PMID: 22032598.
16. **Iorio ML**, Masden DL, Higgins JP. The limits of medial femoral condyle corticoperiosteal flaps. *J Hand Surg Am.* 2011 Oct; 36(10):1592-6. PMID: 21872407.
17. Ducic I, Fu R, **Iorio ML**. Innovative treatment of peripheral nerve injuries: Combined reconstructive concepts. *Ann Plas Surg.* 2012 Feb; 68(2):180-7. PMID: 22270569.
18. **Iorio ML**, Masden DL, Higgins JP. Botulinum A toxin treatment of Raynaud's phenomenon: A review. *Semin Arthritis Rheum.* 2012 Feb;41(4):599-603. PMID: 21868066.
19. **Iorio ML**, Masden DL, Higgins JP. Cutaneous angiosome territory of the medial femoral condyle osteocutaneous flap. *J Hand Surg Am.* 2012 May; 37(5):1033-41. PMID: 22483181.
20. **Iorio ML\***, Cheerharan M, Olding M. A systematic review and pooled-analysis of peroneal artery perforators for free-tissue transfer and local flaps. *Plast Recon Surg.* 2012 Sep; 130(3):600-7. PMID: 22575854.
21. Forman D, Greene B, **Iorio ML**. Conversion of the gastric Lap-Band port to low profile access: An adjunctive technique during abdominoplasty in the bariatric patient. *J Am Coll Surg.* 2012 Nov; 215(5):19-21. PMID: 22951034.
22. **Iorio ML**, Shuck J, Attinger CE. Wound healing in the upper and lower extremities: A systematic review on the use of acellular dermal matrices. *Plast Recon Surg.* 2012 Nov; 130(5 Suppl 2):232S-41S. PMID: 23096978.
23. Edwards SG, Cohen MS, Lattanza LL, **Iorio ML**, Daniels C, Lodha S, Smucny M. Surgeon perceptions and patient outcomes regarding proximal ulna fixation: A multicenter experience. *J Shoulder Elbow Surg.* 2012 Dec; 21(12):1637-43.
24. **Iorio ML**, Stolle E, Brown B, Christian C, Baker SB. Plastic surgery training: Evaluating patient satisfaction with facial fillers in a resident clinic. *Aesthetic Plast Surg.* 2012 Dec; 36(6):1361-6. PMID: 22986545.
25. **Iorio ML**, Endara M, Ducic I. Reduction mammoplasty in patients with a medialized nipple areola complex: Modification of the superomedial dermoglandular pedicle and skin pattern. *Plast Recon Surg.* 2013 Feb; 131(2):302e-3e. PMID: 23358042.
26. Brown BJ, **Iorio ML**, Hill L, Carlisle B, Attinger CE. Below knee amputation with a vascularized fibular graft and headless compression screw. *Plast Recon Surg.* 2013 Feb; 131(2):323-7. PMID: 23357993.

27. **Iorio ML**, Shuck J, Hung R, Davison SP. Autologous fat grafting and injectable dermal fillers for HIV associated facial lipodystrophy: A systematic review and comparison of long-term treatment outcomes. *Plast Recon Surg*. 2013 Mar; 131(3):499-506. PMID: 23142937.
28. **Iorio ML**, Barbour JR. Recurrent digital infections and osteomyelitis in monozygotic twins with congenital analgesia and compulsive onychophagia. *J Child Neurol*. 2013 Apr; 29(7):962-964. PMID: 23549047.
29. Masden DL, **Iorio ML**, Higgins JP. Comparison of the osseous characteristics of medial femoral condyle and fibula flaps. *J Hand Surg E*. 2013; 38:437-439. PMID: 22618561.
30. Barbour JR, Sher SR, **Iorio ML**. Retrospective analysis of insurance-based reduction mammoplasties: Long-term trends for subsequent cosmetic procedures. *Plast Recon Surg*. 2013 Aug; 132(2):322e-3. PMID: 23897369.
31. **Iorio ML\***, Rebowe RE, Hannan C. Morbidity following surgical treatment of hidradenitis suppurativa: Management and prevention of severe genital lymphedema. *Am Surg*. 2013 Sep; 79(9):e303-4. PMID: 24069969.
32. **Iorio ML\***, Cheerharan M, Kaufman SS, Boyajian M. Acute liver failure following cleft palate repair: A case of therapeutic acetaminophen toxicity. *Cleft Palate Craniofac J*. 2013 Nov;50(6):747-50
33. **Iorio ML**, Ter Louw RP, Kauffman CL, Davison SP. Evidence-based medicine: Facial skin malignancy. *Plast Reconstr Surg*. 2013 Dec; 132(6):1631-1643. PMID: 24281589.
34. Barbour JR, **Iorio ML**, Halpern DE. Surgical decompression of the great auricular nerve: A therapeutic option for neurapraxia following rhytidectomy. *Plast Recon Surg*. 2014 Feb; 133(2):255-260. PMID: 24150120.
35. Brown BJ, **Iorio ML**, Klement M, Conti-Mica MR, El-Amraoui A, O'Halloran P, Attinger CE. Outcomes after 294 trans-tibial amputations with the posterior myocutaneous flap. *Int J Low Extrem Wounds*. 2014 Mar; 13(1):33-40. PMID: 24510319.
36. **Iorio ML**, Gangopadhyay N, Myckatyn TM, Barbour JR. Lower extremity salvage complicated by recurrent microvascular thrombosis in a patient with congenital factor VII deficiency. *Am Surg*. 2014 Apr; 80(4):417-419. PMID: 24887679.
37. Barbour JR, **Iorio ML**. Supercharged reverse sural artery cross-leg flap in the setting of single vessel runoff. *J Plast Reconstr Aesthet Surg*. 2014 May; 67(5):741-742. PMID: 24368202.
38. **Iorio ML**, Huang JI. Extensor carpi ulnaris subluxation. *J Hand Surg Am*. 2014 Jun; 38(3):602-607. PMID: 24799139.

39. **Iorio ML**, Verma K, Ashktorab S, Davison SP. Medical tourism in plastic surgery: Ethical guidelines and practice standards for perioperative care. *Aesthetic Plast Surg*. 2014 Jun; 38(3):602-607. PMID: 24797678.
40. Defazio MV, Han KD, **Iorio ML**, Attinger CE, Steinberg JS, Kim PJ, Nemets L, Evans KK. Combined free tissue transfer for the management of composite Achilles defects: Functional outcomes and patient satisfaction following thigh-based vascularized reconstruction with a neo-tendon construct. *J Reconstr Microsurg*. 2014 Jul; 30(6):431-440. PMID: 24706024.
41. Brown BJ, **Iorio ML**, Hill L., Klement M, Conti Mica MR, El-Amraoui A, Attinger CE. Ertl below knee amputation using a vascularized fibular strut in a non-trauma elderly population: A case series. *Ann Plast Surg*. 2014 August; 73(2):196-201. PMID: 25014326.
42. **Iorio ML**, Bayomy A, Huang JI. Morphology of the extensor carpi ulnaris groove and tendon. *J Hand Surg Am*. 2014 Dec; 39(12):2412-6. PMID: 25306505.
43. **Iorio ML**, Han KD, Evans KK, Attinger CE. Combined Achilles tendon and soft tissue defects: Functional outcomes of free tissue transfers and tendon vascularization. *Ann Plast Surg*. 2015 Jan; 74(1):121-5. PMID: 23851373.
44. Tarabdkar N, **Iorio ML**, Huang JI. Proximal interphalangeal joint arthroplasty: A critical analysis review. *JBJS Rev*. 2015 May 5;3(5).
45. Kollitz K, **Iorio ML**, Huang JI. Assessment and treatment of extensor carpi ulnaris pathology: Evidence-based guidelines. *JBJS Rev*. 2015 Jun 16;3(6).
46. Davison SP, **Iorio ML**, Oh C. Transconjunctival lower lid blepharoplasty with and without fat repositioning. *Clin Plast Surg*. 2015 Jan;42(1):51-6. PMID: 25440740.
47. **Iorio ML**, Venturi ML, Davison SP. Practical guidelines for venous thromboembolism chemoprophylaxis in elective plastic surgery. *Plast Reconstr Surg*. 2015 Feb; 135(2):413-23.
48. Vargas C, **Iorio ML**, Lee B. A systematic review of topical vasodilators for the treatment of intraoperative vasospasm in reconstructive microsurgery. *Plast Recon Surg*. 2015 Aug;136(2):411-22.
49. **Iorio ML**, Kennedy CD, Huang JI. Limited intercarpal fusion as a salvage procedure for advanced Kienbock disease. *HAND (N Y)*. 2015 Sep; 10(3):472-6.
50. Barbour JR, **Iorio ML**, Oh C, Tung TH, O'Neill PJ. Predictive value of nutritional markers for wound healing complications in bariatric patients undergoing panniculectomy. *Ann Plast Surg*. 2015 Oct; 75(4):435-8.
51. Leland HA, Alluri RK, **Iorio ML**, Carey JN, Constantinescu T, Patel KM. Complex hand and wrist reconstruction using free vascularized bone grafts. *Plast Reconstr Surg*. 2015 Oct; 136(4S Suppl):25-26.

52. Wong VW, Bürger HK, **Iorio ML**, Higgins JP. Lateral femoral condyle flap: An alternative source of vascularized bone from the distal femur. *J Hand Surg Am.* 2015 Oct; 40(10):1972-80.
53. Leland HA, Alluri RK, **Iorio ML**, Carey JN, Constantinescu T, Patel KM. Complex hand and wrist reconstruction using free vascularized bone grafts. *Plast Reconstr Surg.* 2015 Oct;136(4) Suppl:25-6.
54. **Iorio ML**, Menashe SJ, Iyer RS, Lewis SP, Steinman S, Whitlock KB, Tse RW. Glenohumeral dysplasia following neonatal brachial plexus palsy: Presentation and predictive features during infancy. *J Hand Surg Am.* 2015 Dec;40(12):2345-51.e1.
55. Tarabdkar N, **Iorio ML**, Gundle K, Friedrich JB. The use of pulse oximetry for objective quantification of vascular injuries in the hand. *Plast Recon Surg.* 2015 Dec;136(6):1227-33.
56. Taylor E, **Iorio ML\***. Lateral femoral circumflex arterial system as donor vessels for extremity replantation. *J Reconstr Microsurg Open.* 2016;1:88-91.
57. Knaus WJ, Alluri R, Bakri K, **Iorio ML\***. Oncologic reconstruction of the hand and upper extremity: Maximizing functional outcomes. *J Surg Oncol.* 2016 Jun;113(8):946-54.
58. Sosin M, Lin CH, Steinberg J, Hammond ER, Poysophon P, **Iorio ML**, Patel KM. Functional donor site morbidity after vascularized toe transfer procedures: A review of the literature and biomechanical consideration for surgical site selection. *Ann Plast Surg.* 2016 Jun;76(6):735-42.
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