



The Midwestern Association of Plastic Surgeons

MAPS 55th Annual Scientific Meeting

Saturday, April 30, 2016

Northwestern Memorial Hospital 251 E. Huron, Chicago, IL 60611

6:30am - 6:55am Registration & Breakfast

6:55am - 7:00am Welcoming Remarks / President, Dr. Raphael Lee, MD & Dr. Wei Chen, MD

Abstract Presentation Track I (Conference Room A)

Abstract Presentation Track II (Pritzker Auditorium)

Session 1	7:00am – 7:45am	Craniofacial	7:00am – 7:45am	Microsurgery
	7:45am – 8:10am	Q&A	7:45am – 8:05am	Q&A
Session 2	8:10am – 8:45am	Medical Practice	8:05am – 8:45am	Breast & Cosmetic
	8:45am – 9:00am	Q&A	8:45am – 9:00am	Q&A
	9:00am – 9:15am	Break	9:00am – 9:15am	Break
Session 3	9:15am – 10:05am	General Reconstruction	9:15am – 10:05am	Hand, Technology, Nerve & Basic Science
	10:05am – 10:20am	Q&A	10:05am – 10:20am	Q&A

All disclosures will be included in the CME agenda provided on-site prior to the start of activity

All of the following events are in **Conference Room A** unless otherwise noted:

10:20 -10:45am Exhibit Break

10:45 -10:55am **ASPS Update** / Dr. Paul Cederna, MD

10:55 -11:05am **AAPS Update** / Dr. Mike Bentz, MD

11:05 -11:45am **Keynote: Modern Nerve Transfer** / Dr. Susan E. Mackinnon, MD

11:45am - 12:00pm Group Photos (Pritzker Auditorium)

12:00pm - 1:00pm Lunch & Lecture: **Career Choice – Academia vs Private Practice** / Dr. Alan Chen, MD & W. Tom Lawrence, MD
This series is located in the atrium.



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- 1:00pm - 2:10pm **Challenging Peripheral Nerve Reconstruction/** Panelists: Susan Mackinnon, MD, Samuel Poore, MD, PhD & Paul Cederna, MD
- 2:10pm - 2:30pm **Break**
- 2:30pm - 3:45pm **Challenging Breast Reconstruction/** Panelists: Anuja Antony, MD, Daniel Liu, MD & Julie Park, MD
- 3:45pm - 3:50pm **Break**
- 3:50pm - 5:05pm **Difficult Cosmetic Face and Neck Cases/** Panelists: Foad Nahai, MD, James Zins, MD, & Thomas Mustoe, MD
- 5:05pm - 5:15pm **President Closing & Awards**
- 5:15pm The shuttle will begin starting to take attendees to the Gleacher Center.

Join us starting at 5:30pm for Presidential Reception and Gala Awards Dinner Celebration.

Accreditation Statement: This activity has been planned and implemented in accordance with all the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Chicago Medical Society and the Illinois Medical Directors Association (IMDA). The Chicago Medical Society is accredited by the ACCME to provide continuing medical education for physicians.

The Chicago Medical Society designates this live activity for a maximum of **8 AMA PRA Category 1 Credit(s)**[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity.

The following Chicago Medical Society CME planning members involved with this activity have disclosed that they do not have any relevant financial relationships with commercial interests: Michael Hanak, MD, FAA, Eric A. Eason, MD, Arjang Khorasani, MD, Alfonso Mejia II, MD and Vemuri S. Murthy, MD. and Haydee Nascimento, Director of Education.

The following MAPS CME planning members involved with this activity have disclosed that they do not have any relevant financial relationships with commercial interests: Raphael Lee, MD, Anuja Antony, MD, Wei F. Chen, MD, Samuel O. Poore, MD, Julie Park, MD, Valerie Lemaine, MD, Thomas Lawrence, MD & Mohammed Alghoul, MD.

**Dr. Hijjawi has disclosed that he receives a royalty for being an editor at McGraw Hill Education. Dr. Lee disclosed that he receives stock from the Maroon Biotech Corporation and Avocet Polymer Technologies as a founder.

MAPS would like to thank the following exhibitors for their participation at this event: Novadaq, Allergan, LifeCell Corporation, Mentor, Integra, Sientra, Cook Medical, MiMedx Group Inc., KLS Martin, Lencioni Surgical LLC, MTF- Musculoskeletal Transplant Foundation, Vioptix, Invuity, Checkpoint Surgical, Primal Equity Partners LLC, Visionsense Corp., Synovis, Accuvein Inc., Galatea and Biomet.

Target Audience: Plastic, ENT and General Surgeons, other healthcare providers.



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Track I Session 1: Craniofacial

1	Nicholas Adams, MD	Repeal of Universal Helmet Laws: Do Motorcycle Helmet Laws Affect the Incidence of Craniomaxillofacial Trauma?	7:00-7:05am	Room A
2	Mark Fisher, MD	Conventional versus Distraction Le Fort III Advancement: An Economic Analysis	7:05-7:10am	Room A
3	Alexander R Graf, MD	Quantifying Craniometric Change After Fronto-orbital Advancement in Metopic Synostosis	7:10-7:15am	Room A
4	Bernardino Mendez, MD	A Utilization Analysis of Inpatient versus Ambulatory Surgical Repair of Cleft Lip and Palate	7:15-7:20am	Room A
5	Brendan O'Donnell B.A	The Effects of Delay to Treatment in Mandibular Fractures and its Impact on Surgical and Financial Outcomes	7:20-7:25am	Room A
6	Bernardino Mendez, MD	Le Fort III Distraction with Internal Versus External Distractors: A Cephalometric and Vector Analysis	7:25-7:30am	Room A
7	Jamie Spitz, MD	Surgical Management of Zygoma Fractures in Patients with Pre-injury Facial Asymmetry	7:30-7:35am	Room A
8	Elbert E Vaca, M.D.	Anatomy of the Temporal Region: Analysis of Factors Contributing to Post-operative Temporal Hollowing	7:35-7:40am	Room A
9	Essie Kueberuwa Yates, MD	Predictive Soft tissue Airway Volume Analysis in Mandibular Distraction for Obstructive Sleep Apnea	7:40-7:45am	Room A
10	Stefani C Fontana, PhD	Biomechanical Assessment of Segmental Mandibular Reconstruction Techniques	7:45-7:50am	Room A
11	Stefani C Fontana, PhD	Assessment of Deformational Plagiocephaly Severity and Neonatal Developmental Delay	7:50-7:55am	Room A
Q&A			7:55-8:10am	Room A



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Track I Session 2: Medical Practice

12	Jennifer Cheesborough MD	Perceptions of Medicare Reimbursement in a Single Institution	8:10-8:15am	Room A
13	Jenny T. Chen, MD	The Economics of Skin Cancer: An Analysis of Medicare Payment Data	8:15-8:20am	Room A
14	Michael S. Gart, MD	Maintenance of Certification in Craniomaxillofacial Surgery: Do We Practice What We Preach?	8:20-8:25am	Room A
15	Asra Hashmi, MD	A Study of Geographic Trends in Integrated Plastic Surgery Residency Match	8:25-8:30am	Room A
16	Asra Hashmi, MD	A Study of Integrated Plastic Surgery Residency Websites	8:30-8:35am	Room A
17	Harry S. Nayar, MD, MBE	Paravertebral Regional Blockade is Associated with Shorter Operative Times, Reduced Opioid Requirements, and Less Post-operative Nausea and Vomiting in Reduction Mammoplasty	8:35-8:40am	Room A
18	Chad Teven, MD	Cervical neck injury among plastic surgeons: A pilot survey	8:40-8:45am	Room A
Q&A			8:45-9:00am	Room A

Break 9:00 – 9:15 AM



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Track I Session 3: General
Reconstruction

19	Wei-Feng Zeng, MD	AMPUTATION OR NOT: THE TIMELY DECISION MAKING FOR LIMB PRESERVATION – A CASE REPORT	9:15-9:20am	Room A
20	Lisa Hwang, MD	The Visor Flap: a Novel Design for Scalp Wound Closure	9:20-9:25am	Room A
21	Jacqueline S. Israel, MD	Variations in Burn Excision and Grafting: A Survey of the American Burn Association	9:25-9:30am	Room A
22	Steven T. Lanier MD	Mesh Suture Repairs of Abdominal Wall Defects	9:30-9:35am	Room A
23	Steven T. Lanier MD	Narrow, Well-Fixed Retrorectus Polypropylene Mesh Effectively Repairs Complex Ventral Hernias	9:35-9:40am	Room A
24	Rachael Payne	Quantitative Color Comparison of Commonly Used Donor and Recipient Skin Graft Sites	9:40-9:45am	Room A
25	Lisa Block, MD	Outcomes Analysis of Gynecologic Reconstruction Following Resection	9:45-9:50am	Room A
26	Jennifer C Carr, MD	An Alternative to the Biologic Leech for Flap Congestion	9:50-9:55am	Room A
27	Jimmy Winters, MD	Diminishing Wound Breakdown After Pressure Sore Closure with Assistance of the VAC Device	9:55-10:00am	Room A
28	John Heineman, MD	A Novel Use of the Vascular Delay Technique to Keep a Congested Perforator-Based Propeller Flap Afloat	10:00-10:05am	Room A
Q&A			10:05-10:20am	Room A



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Track II Session 1: Microsurgery

29	Wei Chen, MD	Using Indocyanine Green Lymphography as an Effective Postoperative Tracking Method after Microsurgical and Supermicrosurgical Lymphatic Reconstruction	7:00-7:05am	Pritzker Auditorium
30	Ravi Garg	Head and Neck Reconstruction with the Radial Forearm Snake Flap: A Novel Technique that Decreases Donor Site Morbidity	7:05-7:10am	Pritzker Auditorium
31	Patrick J Hawkes, MD	Strategic Incision Placement to Facilitate Successful Lymphaticovenular Anastomoses	7:10-7:15am	Pritzker Auditorium
32	Lauren Mioton, MD	Donor site morbidity of medial and lateral thigh based flaps: a comparative study	7:15-7:20am	Pritzker Auditorium
33	Christine Oh, MD	Cost Analysis of Enhanced Recovery after Surgery in Microvascular Breast Reconstruction	7:20-7:25am	Pritzker Auditorium
34	Amanda K. Silva, MD	Bridging the gap: A 20-year experience with vein grafts for free flap reconstruction, the odds for success	7:25-7:30am	Pritzker Auditorium
35	Chad Teven, MD	Reconstruction of complex head and neck defects: The utility and versatility of the thoracodorsal-angular artery scapula chimeric (TASC) flap	7:30-7:35am	Pritzker Auditorium
36	Chad Teven, MD	The utility and versatility of perforator-based propellor flaps in burn care	7:35-7:40am	Pritzker Auditorium
37	Sergey Y Turin, MD	Current practices in the management of post-operative arterial vasospasm	7:40-7:45am	Pritzker Auditorium
38	Wei-Feng Zeng, MD	LYMPHEDEMA – IS IT A FLUID OR SOLID DISEASE, OR BOTH?	7:45-7:50am	Pritzker Auditorium
Q&A			7:50-8:05am	Pritzker Auditorium



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Track II Session 2: Breast & Cosmetic

39	Turkia Abbed, MD	One-stage Explantation and Mastopexy is a Safe Procedure in Complex Aesthetic Breast Revision Surgery	8:05-8:10am	Pritzker Auditorium
40	Brian Christie, MD	Perceptions of Abdominal Donor Site Morbidity in Free Autologous Breast Reconstruction: A Survey of Academic Surgeons	8:10-8:15am	Pritzker Auditorium
41	Steve Kempton, MD	A Prospective Randomized Trial Comparing the Effects of Lidocaine in Breast Reduction Surgery	8:15-8:20am	Pritzker Auditorium
42	Caleb J. Ollech	Impact of Drain Placement on Postsurgical Complications in Expander-Based Breast Reconstruction	8:20-8:25am	Pritzker Auditorium
43	Mauricio De la Garza, MD	The TRAIL Flap: Bridging the Gap Between Breast Reconstruction and Cancer Treatment Via a Gene Therapy Flap	8:25-8:30am	Pritzker Auditorium
44	M. Vince Makhlof, MD	Technique for Successful Silicone Implant Buttocks Augmentation	8:30-8:35am	Pritzker Auditorium
45	Maianh Dam, MS	Genioplasty Improves the Impulse Silhouette Attractiveness in the Craniofacial Population	8:35-8:40am	Pritzker Auditorium
46	Joshua Kelley, MD	Diazepam Premedication for Primary Augmentation Mammoplasty in an Outpatient Surgical Center	8:40-8:45am	Pritzker Auditorium
Q&A			8:45-9:00am	Pritzker Auditorium

Break 9:00 – 9:15 AM



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Track II Session 3: Hand,
Technology, Nerve & Basic
Science

47	James McCarthy, MD	Effect of beta receptor specificity and endothelial cell type on gene expression and microvascular density in infantile hemangiomas	9:15-9:20am	Pritzker Auditorium
48	Michael J. Poellmann	Poloxamine 1107 (T1107) behaves like a small heat shock protein by preventing protein aggregation and catalyzing refolding in a temperature-dependent manner	9:20-9:25am	Pritzker Auditorium
49	Tulsi Roy, MD	Calmodulin Complex Regulates Matrix Metalloprotease Biosynthesis in Human Scar Fibroblasts	9:25-9:30am	Pritzker Auditorium
50	Jennifer L. McGrath, MD	Targeted mutagenesis within a highly conserved region of Fgfr1a using CRISPR/Cas9 genome editing	9:30-9:35am	Pritzker Auditorium
Withdrawn	Katherine B. Santosa, MD	Impact of Terminal Schwann Cells on Functional Recovery After Nerve Injury	9:35-9:40am	Pritzker Auditorium
Withdrawn	Katherine B. Santosa, MD	Reversing the Effects of Aging on the Neuromuscular Junction	9:40-9:45am	Pritzker Auditorium
53	Jonathan Butts	Smartphone Camera Viability for Measurement of Skin Tones	9:45-9:50am	Pritzker Auditorium
54	Benjamin Lemelman MD	Evernote in Plastic Surgery Education: Technology Enhances Resident Collaboration	9:50-9:55am	Pritzker Auditorium
55	Wei-Feng Zeng, MD	Correction of Flexion Contracture of Chronic PIP Joint with Severe Digital Artery Injury By Illizarov Mini Fixator	9:55-10:00am	Pritzker Auditorium
56	Wei-Feng Zeng, MD	Bio-impedance Spectroscopic Evidence of Improvement following Lymphaticovenular Anastomosis	10:00-10:05am	Pritzker Auditorium
Q&A			10:05-10:20am	Pritzker Auditorium