



Learner's Objectives

PROGRAM OBJECTIVES FOR THIS CME ACTIVITY

This activity is designed for physicians and nurses. Upon completion of this course, participants will be able to:

- Evaluate the impact of resident participation on short-term complication risk in patients undergoing breast reconstruction
- Explain how fat grafting can benefit patients with radiation-induced ulcers and recognize a specific sub-population of patients who may be candidates for allogeneic fat grafting
- Identify correct clinical scenarios to utilize indocyanine green in identification of sentinel lymph nodes and become familiar with the cost and possible cost saving benefit of avoiding preoperative lymphoscintigraphy
- Recognize the utility of and be able to implement smartphone recordings and graded assessments of residents training in microsurgery
- Describe the relationship between flap physiology and data obtained by means of continuous Doppler recordings, and interpret and use the information obtained by means of computer based signal processing algorithms to recognize early flap failure
- Apply and use topical antispasmodic agents like nicardipine and lidocaine in lieu of papaverine to effectively treat intraoperative microsurgical vasospasm during the papaverine drug shortage
- Explain the etiology of arteriovenous fistula failure and describe the effect of photochemical tissue passivation on attenuation of the development of intimal hyperplasia
- Recognize and manage acute rejection in clinical VCA
- Recognize that IRF6 mutations are a major contributors to human orofacial clefting and identify that the zebrafish model can quickly assess the protein function of IRF6 variants identified in human patients
- Describe themes elicited from Honduran personnel involved in short-term surgical missions (eg. care quality, communication, follow-up care, cultural insights, sustainability)
- Discuss the process of survival of fat grafts after initial transplantation, consisting of diffusion, revascularization and adipogenesis, and how these variables affect clinical outcomes
- Understand how the use of morcellized fat rather than lipoaspirated fat and hyperbaric oxygenation help fat grafting
- Recognize periumbilical soft tissue atrophy in the post-partum patient and apply concepts of dermal fat grafting during abdominoplasty in the treatment of this difficult area
- Implement principles and techniques to safely perform rhinoplasty on patients who present without a dorsal hump and who are requesting reduction of their nasal size while maintaining the proportions and aesthetics of their preoperative nose
- Identify the changes in upper lip show that are associated with an increase in nasolabial angle
- Articulate the three patterns of secondary deformity, the four anatomical variants that create them, the five surgical maneuvers that can prevent them, and the two surgical strategies that can solve most primary and secondary nasal deformities
- Discuss chemical screening strategies in zebrafish for identifying chemical modulators of human disease, specifically IRF6-related cleft lip and/or palate formation

- Recognize that the stoichiometry of actin capping protein CAPZB is crucial in regulating craniofacial development
- Interpret the fact that a precursor cell giving rise to endothelial cells and pericytes expressing follicle-stimulating hormone receptor might contribute to the pathogenesis of infantile hemangioma
- Explain that suction-assisted lipectomy which reduces extremity volume by removing excess subcutaneous adipose, also may improve lymphatic function
- Describe themes elicited from Honduran patients who attended a short-term surgical mission (eg. comparing mission to local surgical care, anxieties before surgery, cultural insights)
- Learn a simple reproducible facelift technique, with minimal risk, down time and short scar
- Recognize and describe the challenges of delivering Wound Care to Rural Africa based on the existing public health situation including endemic diseases, climate, natural resources, human resources and local medical traditions
- Assess the benefits of Pressurized Pulsed Irrigation to alleviate these challenges from the Medical Missionary perspective
- Articulate pros and cons of pectoralis sparing direct to implant breast reconstruction
- Describe various pathways for technology commercialization
- Analyze different types of primary and secondary nasal deformities and devise safe surgical plans that are likely to correct them. In addition, the learner will be able to discuss the characteristics and etiology of unhappy rhinoplasty patients
- Identify the need for earlier identification of failing free flaps and assess strategies for accomplishing earlier warning systems
- Identify new medications which may be used for the treatment of intraoperative vasospasm
- Describe risks and benefits of prepectoral versus subpectoral expander placement in immediate, latissimus dorsi and implant-based breast reconstruction, and identify the technical aspects of prepectoral expander placement in order to achieve better aesthetic results
- Identify factors for the best chance of optimal functional and immunological outcomes following VCA
- Discuss the key considerations of mandibular reconstruction, and describe the advantages of using virtual surgical planning in reconstruction to preserve anatomical relationships
- Describe the effects of maxillary advancement, and the differential effect on facial/nasal morphology for clockwise and counterclockwise maxillary rotations
- Recognize how force transduction regulates craniofacial morphogenesis by analyzing talin1
- Explain how facial asymmetry can be quantified using 3D photogrammetry and describe its correlation to aging
- Discuss facial avulsion injuries and the indications and common complications surrounding microvascular replantation of completely avulsed facial parts



Schedule of Events

SCHEDULE OF EVENTS

Friday, June 10, 2016

4:00PM - 6:00PM	Executive Council Meeting	Washington Boardroom
6:30PM - 7:30PM	Welcome Reception	South Veranda
7:30PM - 10:00PM	Dinner Buffet	South Veranda

Saturday, June 11, 2016

6:00AM - 12:30PM	Registration	Presidential Foyer
6:00AM - 12:30PM	Exhibits Open	Adams Room / Presidential Foyer
6:00AM - 7:00AM	Breakfast with the Exhibitors	Adams Room / Presidential Foyer
6:15AM - 6:45AM	Presidents Legislative Breakfast	Monroe / Madison (Back of Room)
	<i>Past NESPRS Presidents & State Society Officers Welcome</i>	
7:00AM - 7:05AM	President's Welcome	Monroe / Madison
7:05AM - 7:10AM	Vice President's Welcome	Monroe / Madison
7:12AM - 7:27AM	ASPS / PSF Update	Monroe / Madison
7:27AM - 7:48AM	SCIENTIFIC SESSION A	Monroe / Madison
7:50AM - 8:50AM	Clinical Problem Solving Panel – Round 2	Monroe / Madison
8:50AM - 10:02AM	SCIENTIFIC SESSION B	Monroe / Madison
10:02AM - 10:35AM	Coffee Break	Adams Room / Presidential Foyer
10:35AM - 11:47AM	SCIENTIFIC SESSION C	Monroe / Madison
11:47AM - 12:50PM	ASAPS Traveling Professor Guest Lecturer	Monroe / Madison
12:50PM - 12:55PM	Meeting Announcements	Monroe / Madison
12:55PM - 1:00PM	Announcement of Murray Award	Monroe / Madison
1:00PM - 2:00PM	Annual Business Meeting & Luncheon	Reagan Room
1:00PM - 2:00PM	Resident Luncheon	Jefferson Room
6:00PM - 7:30PM	Cocktail Reception Poster Session	South Veranda
7:30PM - 10:30PM	Saturday Evening Formal Dinner	Sun Dining Room

Sunday, June 12, 2016

6:00AM - 12:00PM	Registration	Presidential Foyer
6:00AM - 12:00PM	Exhibits Open	Adams Room / Presidential Foyer
6:00AM - 7:00AM	Breakfast with the Exhibitors	Adams Room / Presidential Foyer
7:00AM - 7:05AM	Passing of the Gavel	Monroe / Madison
7:05AM - 7:10AM	Morning Announcements	Monroe / Madison
7:12AM - 7:27AM	ASAPS Update	Monroe / Madison
7:27AM - 8:39AM	SCIENTIFIC SESSION D	Monroe / Madison
8:39AM - 9:15AM	SCIENTIFIC SESSION E	Monroe / Madison
9:15AM - 9:45AM	Coffee Break	Adams Room / Presidential Foyer
9:45AM - 10:50AM	ASAPS Traveling Professor Guest Lecturer	Monroe / Madison
10:50AM - 11:26AM	SCIENTIFIC SESSION F – Part I	Monroe / Madison
11:26AM - 12:08PM	SCIENTIFIC SESSION F – Part II	Monroe / Madison
12:10PM - 12:15PM	Announcement of Founders Award	Monroe / Madison
12:15PM - 12:20PM	Closing Remarks	Monroe / Madison
12:20PM -	Meeting Adjourned	Monroe / Madison

Be sure to visit www.neplasticsurgery.org



Program

Disclosure Information

In accordance with the ACCME Accreditation Criteria, the American College of Surgeons, as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial interest. Therefore, it is mandatory that both the program planning committee and speakers complete disclosure forms. Members of the program committee were required to disclose all financial relationships and speakers were required to disclose any financial relationship as it pertains to the content of the presentations. The ACCME defines a ‘commercial interest’ as “any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients”. It does not consider providers of clinical service directly to patients to be commercial interests. The ACCME considers “relevant” financial relationships as financial transactions (in any amount) that may create a conflict of interest and occur within the 12 months preceding the time that the individual is being asked to assume a role controlling content of the educational activity.

ACS is also required, through our joint providership partners, to manage any reported conflict and eliminate the potential for bias during the activity. All program committee members and speakers were contacted and the conflicts listed below have been managed to our satisfaction. However, if you perceive a bias during a session, please report the circumstances on the session evaluation form.

Please note we have advised the speakers that it is their responsibility to disclose at the start of their presentation if they will be describing the use of a device, product, or drug that is not FDA approved or the off-label use of an approved device, product, or drug or unapproved usage.

The requirement for disclosure is not intended to imply any impropriety of such relationships, but simply to identify such relationships through full disclosure and to allow the audience to form its own judgments regarding the presentation.

The following Program Committee Members have no disclosures:

Johnson, MD, Melissa C.
Santamarina, MD, Rodrigo
Stadelmann, MD, Wayne K.
Winograd, MD, Jonathan M.

The following Program Committee Member discloses the following:

Marasco, Jr., MD, Patrick V. –
Consultant/Founder/Scientific Advisor for PulseCare Medical /
Consulting Fee

The following Faculty Members have no disclosures:

Albert, MD, Mark G.	Li, BA, Edward B.
Babigian, MD, Alan	Lin, BA, MS, Alex
Chuang, BS, Carolyn	Lujan-Hernandez, MD, Jorge
Constantian, MD, Mark B.	Maclellan, MD, Reid A.
Dowlatshahi, MD, A. Samandar	Marasco, Jr., MD, Patrick V.
Garrity, BS, Brittany	McGregor, MD, Andrew
Godfrey, MD, Natalie D.	Mukjerjee, PhD, Kusumika
Goldstone, MD, Robert N.	Ng, MD, Zhi Yang
Gosain, MD, Arun K.	Pyfer, BS, Bryan J.
Gray, MD, Lawrence N.	Ricci, MD, Joseph A.
Greene, MD, Arin K.	Saberski, MD, Ean
He, BA, Jun Kit	Slamin, BS, Robert P.
Ishii, MD, Kana	Sumpio, BA, Brandon J.
Kim, MD, Samuel	Thorne, MD, Charles H.
Leong, MD, Karen K.	Wu, BA, Robin

The following Faculty Members disclose the following:

Austen, Jr., MD, William G. –

Consultant/Founder for Cytrellis Biosystems / Stock, Consulting Fee

Liao, MD, Eric C. –

Consultant for Acelity / LifeCell / Honorarium

Principal Investigator for Musculoskeletal Transplant Foundation / Grant

The following Participants on the Clinical Problem Solving Panel have no disclosures:

Austen, Jr., MD, William G.

Babigian, MD, Alan [Moderator]

Lalikos, MD, Janice F.

Maguire, MD, Kevin

The following Moderators of the Scientific Sessions have no disclosures:

Babbitt III, MD, Russell – Session F (Part II)

Greene, MD, Arin K. – Session C

Lalikos, MD, Janice F. - Session A

Lee, MD, Bernard T. – Session D

Narayan, MD, Deepak – Session B

Silverman, MD, Richard T. – Session E

Yaremchuk, MD, Michael J. – Session F (Part I)

NOTES



N.E.S.P.R.S. PROGRAM

Saturday, June 11, 2016

7:00AM - 7:05AM

OPENING CEREMONIES –

President – Welcome
 Alan Babigian, MD

7:05AM - 7:10AM

Vice President /
 Program Chair – Welcome
 Melissa C. Johnson, MD

7:10AM - 7:12AM

Introduction of
 ASPS Representative

7:12AM - 7:27AM

ASPS / PSF Update –
Arun K. Gosain, MD
 ASPS Executive Board
 Vice President

SCIENTIFIC SESSION A

Moderator: *Janice F. Lalikos, MD*

Short Papers [4-Minute Papers / 3-Minute Discussion]

7:27AM - 7:34AM

(1)

The Impact of Resident Participation
 in Breast Reconstruction Surgery:
 An ACS-NSQIP Clinical Outcomes
 Analysis

Bryan J. Pyfer, BS

Abhishek Chatterjee, MD, MBA

Lilian Chen, MD

Tamara B. Dawli, MD

Dale C. Vidal, MD

Tufts Medical Center

Tufts University

Dartmouth-Hitchcock Medical Ctr

Dartmouth College

▲ Patient Safety – 100% of this Presentation pertains to Patient Safety

SCIENTIFIC SESSION A (*continued*)

7:34AM - 7:41AM (2) Case Report: A Unique Case of Allogeneic Fat Grafting Between Brothers Radiation-Induced Ulcers
Samuel Kim, MD
Richard L. Edelson, MD
Brandon J. Sumpio, BA
Deepak Narayan, MD
Stephanie Kwei, MD
Yale-New Haven Hospital
Yale University

Short Papers [4-Minute Papers / 3-Minute Discussion]

7:41AM - 7:48AM (3) Identification of Sentinel Lymph Nodes in Melanoma Patients Using Indocyanine Green: A Novel Technique, Case Series, and Cost Effectiveness
Andrew McGregor, MD
Sabrina Pavri, MD
Deepak Narayan, MD
Yale New Haven Health
Yale University

▲ Patient Safety – **70%** of this Presentation pertains to Patient Safety

7:48AM - 7:50AM

Introduction to the Panel

7:50AM - 8:50AM

PANEL –

Clinical Problem Solving – Round 2

Moderator – Alan Babigian, MD
William G. Austen, Jr., MD
Janice F. Lalikos, MD
Kevin Maguire, MD

▲ Patient Safety – **100%** of this Presentation pertains to Patient Safety

CME Credits for Session A = 1.50 hours

Self-Assessment Credits for Session A = 1.50 hours

Patient Safety Hours for Session A = 0.50 Hours

SCIENTIFIC SESSION B

Moderator: *Deepak, Narayan, MD*

‡ Joseph E. Murray, M.D., Award Competition – PART I
Long Papers [7-Minute Papers / 5-Minute Discussion]

8:50AM - 9:02AM ‡ (4) Validation of Smartphone Camera
for Practical Video Recording and
Assessment of Microsurgical
Trainees

Robert P. Slamin, BS

Dylan J. Perry, BA

Leah Siegel-Reamer, BA

Mark G. Albert, MD

Mustafa Akyurek, MD, PhD

U Mass Memorial Medical Center

University of Massachusetts

Medical School

SPH ▲ Patient Safety – 25% of this Presentation pertains to Patient Safety
Pap Technology Award consideration to be given for this Presentation

9:02AM - 9:14AM ‡ (5) Continuous Telemonitoring of Flap
Physiology in Free Tissue Transfer
Using Artificial Intelligence:
Prototype and Proof of Concept

A. Samandar Dowlatshabi, MD

Dennis Giaya

Rebecca Stolarczyk

Yitzhak Mendelson, PhD

Raymond M. Dunn, MD

U Mass Memorial Medical Center

University of Massachusetts

Medical School

Worcester Polytechnic Institute

SPH ▲ Patient Safety – 40% of this Presentation pertains to Patient Safety
Pap Technology Award consideration to be given for this Presentation

SCIENTIFIC SESSION B (continued)

† Joseph E. Murray, M.D., Award Competition – PART I
Long Papers [7-Minute Papers / 5-Minute Discussion]

9:14AM - 9:26AM † (6)

Comparing the Outcomes of
Different Agents to Treat Vasospasm
at Microsurgical Anastomosis during
the Papaverine Shortage

Joseph A. Ricci, MD

Pieter G. Koolen, MD

Samuel J. Lin, MD, MBA

Bernard T. Lee, MD, MPH, MBA

Beth Israel Deaconess

Medical Center

Harvard Medical School

SPH ▲ Patient Safety – 50% of this Presentation pertains to Patient Safety
Pap Technology Award consideration to be given for this Presentation

9:26AM - 9:38AM † (7)

Photochemical Tissue Passivation
Attenuates Intimal Hyperplasia in an
Arteriovenous Fistula Model

Robert N. Goldstone, MD

Michael C. McCormack, MBA

Rachel Goldstein, DO

Mark A. Randolph, MAS

Robert W. Redmond, PhD

William G. Austen, Jr., MD

Massachusetts General Hospital

Harvard University

SPH Pap Technology Award consideration to be given for this Presentation

SCIENTIFIC SESSION B (*continued*)

‡ Joseph E. Murray, M.D., Award Competition – PART I
Long Papers [7-Minute Papers / 5-Minute Discussion]

9:38AM - 9:50AM ‡ (8)

Analysis of Acute Skin Rejection in
a Non-Human Primate Model of
Face and Hand Allograft Transplantation

Zhi Yang Ng, MD

Alexandre G. Lellouch, MD

Matthew W. Defazio, BS

Zachary W. Heroux, BS

Josef M. Kurtz, PhD

Curtis L. Cetrulo, Jr., MD

Massachusetts General Hospital

Harvard Medical School

▲ Patient Safety – 80% of this Presentation pertains to Patient Safety

9:50AM - 10:02AM ‡ (9)

Personalized Medicine in Cleft Lip
and Palate Malformations:

Functional Genomics Analysis
of IRF6 Gene Variants

Edward B. Li, BA

Brittany Garrity, BS

Christina Nguyen, BS

Kusumika Mukherjee, PhD

Eric C. Liao, MD, PhD

Massachusetts General Hospital

Harvard Medical School

CME Credits for Session B = 1.25 hours

Self-Assessment Credits for Session B = 1.25 hours

Patient Safety Hours for Session B = 0.75 Hours

10:02AM - 10:35AM

COFFEE BREAK –

VISIT THE EXHIBITS

SCIENTIFIC SESSION C - Part I

Moderator: *Arin K. Greene, MD*

‡ Joseph E. Murray, M.D., Award Competition – PART II
Long Papers [7-Minute Papers / 5-Minute Discussion]

10:35AM - 10:47AM ‡ (10)

Honduran Provider Perspectives on
Surgical Missions: A Mixed Methods Study

Carolyn Chuang, BS

Kyle Ragins, MD

Deepak Narayan, MD

J. Grant Thomson, MD

Yale-New Haven Hospital

Yale University School of Medicine

▲ Patient Safety – 10% of this Presentation pertains to Patient Safety

10:47AM - 10:59AM ‡ (11)

Fat Grafts Survive Through Initial
Revascularization Followed by
Adipogenesis From the Vascular
Progenitor Niche

Jorge Lujan-Hernandez, MD

SoYun Min

Raziel Rojas-Rodriguez,

Ava G. Chappell, MD

Dylan J. Perry, BA

Patrick Teebagy, BA

Leah Siegel-Reamer, BA

Michael S. Chin, MD

Silvia Corvera, MD

Janice F. Lalikos, MD

U Mass Memorial Medical Center

University of Massachusetts

Medical School

SCIENTIFIC SESSION C - Part I (*continued*)

‡ Joseph E. Murray, M.D., Award Competition – PART II
Long Papers [7-Minute Papers / 5-Minute Discussion]

- 10:59AM - 11:11AM ‡ (12) Morcellized Tissue and Hyperbaric Oxygenation in Autologous Fat Grafting
Brandon J. Sumpio, BA
Andrew McGregor, MD
Alain Kaldany
Samuel Kim, MD
Andre W. Alcon, MD
Deepak Narayan, MD,MBBS,FRCS
Yale New Haven Hospital
Yale University School of Medicine
- ▲ Patient Safety – 50% of this Presentation pertains to Patient Safety
- 11:11AM - 11:23AM ‡ (13) Abdominoplasty in the Post-Partum Patient: Solving the Problem of Central Abdominal Soft Tissue Atrophy from Umbilical Hernia
Karen K. Leong, MD
Richard J. Zienowicz, MD, FACS
Rhode Island Hospital
Brown University
- ▲ Patient Safety – 30% of this Presentation pertains to Patient Safety
- 11:23AM - 11:35AM ‡ (14) Avoiding Deformity When Faced with A Common Trap in Rhinoplasty
Mark G. Albert, M.D
Mark B. Constantian, M.D
UMass Memorial Medical Center /
St. Joseph Hospital (Nashua, NH)
University of Massachusetts
- ▲ Patient Safety – 90% of this Presentation pertains to Patient Safety

‡ End of the Joseph E. Murray, M.D., Award Competition

SCIENTIFIC SESSION C - Part I (*continued*)

Long Papers [7-Minute Papers / 5-Minute Discussion]

11:35AM - 11:47AM (15)

The Effect of Nasal Tip Rotation
on Upper Lip Length

Ajul Shah, MD

Ean Saberski, MD

Kevin Perkins, BS

Anup Patel, MD, MBA

Derek M. Steinbacher, DMD, MD

Yale New Haven Hospital

Yale University School of Medicine



Pap Technology Award consideration to be given for this Presentation

CME Credits for Session C, Part I = 1.25 hours

Self-Assessment Credits for Session C, Part I = 1.25 hours

Patient Safety Hours for Session C, Part I = 0.75 Hours

SCIENTIFIC SESSION C - Part II

11:47AM - 11:50AM

Introduction of ASAPS

Traveling Professor Guest Lecturer

11:50AM - 12:50PM

ASAPS Traveling Professor

Guest Lecturer

Principles, Phenomenology,
and Planning:

Rhinoplasty From 35,000 Feet

Mark B. Constantian, MD

Nashua, New Hampshire

▲ Patient Safety – 50% of this Presentation pertains to Patient Safety

CME Credits for Session C, Part II = 1.00 hours

Self-Assessment Credits for Session C, Part II = 1.00 hours

Patient Safety Hours for Session C, Part II = 0.00 Hours

CME Credits for **ALL Saturday Sessions** = 5.00 hours

Self-Assessment **ALL Saturday Sessions** = 5.00 hours

Patient Safety Hours for **ALL Saturday Sessions** = 2.00 Hours

12:50PM - 12:55PM	Meeting Announcements
12:55PM - 1:00PM	Announcement of the Murray Award Winner
1:00PM - 2:00PM	Annual Business Meeting / Active Members Only Luncheon Included
1:00PM - 2:00PM	Residents Luncheon with ASAPS Travel Professor Guest Lecturer
6:00PM - 7:30PM	Cocktail Reception / Poster Session – South Veranda
7:30PM - 10:30PM	Mount Jefferson Formal Dinner 1920s – Gatsby Theme / Formal Dress Sun Dining Room

Sunday, June 12, 2016

7:00AM - 7:05AM

The 'Passing of the Gavel'

Immediate Past President –
Alan Babigian, MD

President –
Melissa C. Johnson, MD

7:05AM - 7:10AM

Sunday Morning Announcements

Vice President / Program Chair –
Melissa C. Johnson, MD

7:10AM - 7:12AM

Introduction of
ASAPS Representative

7:12AM - 7:27AM

ASAPS Update –
Charles H. Thorne, MD
ASAPS Treasurer &
Education Commissioner

SCIENTIFIC SESSION D

Moderator: *Bernard T. Lee, MD*

Long Papers [7-Minute Paper / 5-Minute Discussion]

7:27AM - 7:39AM (16)

Using Small Molecule Screens to
Identify Novel IRF6 Gene
Regulatory Pathways and Mitigate
Orofacial Cleft Pathogenesis
Brittany Garrity, BS
Edward B. Li, BA
Christina Nguyen, BS
Kusumika Mukherjee, PhD
Eric C. Liao, MD, PhD
Massachusetts General Hospital
Harvard Medical School

SCIENTIFIC SESSION D (continued)

Long Papers [7-Minute Paper / 5-Minute Discussion]

7:39AM - 7:51AM (17)

Gene Dosage of Actin-Capping Protein CAPZB Regulates Craniofacial Morphogenesis
Kusumika Mukherjee, PhD
Kana Ishii, MD
Qiongchao J. Xi, PhD
Michael Talkowski, PhD
James Gusella, PhD
Richard Maas, MD, PhD
Cynthia C. Morton, PhD
Eric C. Liao, MD, PhD
Massachusetts General Hospital
Harvard University

7:51AM - 8:03AM (18)

Analysis of Follicle-Stimulating Hormone Receptor Expression in Infantile Hemangioma
Reid A. Maclellan, MD, MMSc
Fu Xi, MD
Javier A. Couto, BS
Lan Huang, PhD
Matthew P. Vivero, BA
Joyce Bischoff, PhD
Arin K. Greene, MD, MMSc
Boston Children's Hospital
Harvard Medical School

SPH Pap Technology Award consideration to be given for this Presentation

8:03AM - 8:15AM (19)

Suction-Assisted Lipectomy May Improve Physiologic Function in Patients with Lymphedema
Reid A. Maclellan, MD, MMSc
Arin K. Greene, MD, MMSc
Boston Children's Hospital
Harvard Medical School

SPH ▲ Patient Safety – 75% of this Presentation pertains to Patient Safety
Pap Technology Award consideration to be given for this Presentation

SCIENTIFIC SESSION D (continued)

Long Papers [7-Minute Paper / 5-Minute Discussion]

8:15AM - 8:27AM (20)

Honduran Patient Perspectives in a Hand Surgery Mission: A Mixed Methods Study

Carolyn Chuang, BS

Jacob Azurdia, MD

David Asuzu, PhD

Kyle Ragins, MD

Deepak Narayan, MD

J. Grant Thomson, MD

Yale-New Haven Hospital

Yale University School of Medicine

▲ Patient Safety – 10% of this Presentation pertains to Patient Safety

8:27AM - 8:39AM (21)

Experience with the MACS Facelift

Lawrence N. Gray, MD

Portsmouth Regional Hospital

▲ Patient Safety – 20% of this Presentation pertains to Patient Safety

SCIENTIFIC SESSION E - Part I

Moderator: *Richard T. Silverman, MD*

+ Founders' Award Competition

Long Papers [7-Minute Papers / 5-Minute Discussion]

8:39AM - 8:51AM (22) +

Benefits of Closed Pulse Irrigation* (CPI*) to Improve Wound Care in Rural Africa

Patrick V. Marasco, Jr., MD, FACS

Madeleine Allard, RN

Lawrence General Hospital



▲ Patient Safety – 75% of this Presentation pertains to Patient Safety
Pap Technology Award consideration to be given for this Presentation

SCIENTIFIC SESSION E - Part I *(continued)*

+ Founders' Award Competition
Long Papers [7-Minute Papers / 5-Minute Discussion]

8:51AM - 9:03AM (23) + Avoiding Breast Animation
Deformity with Pectoralis-Sparing
Subcutaneous Direct to Implant
Breast Reconstruction
Eric C. Liao, MD, PhD
Edward M. Kobraci, MD
Ryan Cauley, MD
Michele Gadd, MD
William G. Austen, Jr., MD
Massachusetts General Hospital
Harvard Medical School

SPH ▲ Patient Safety – **80%** of this Presentation pertains to Patient Safety
Pap Technology Award consideration to be given for this Presentation

9:03AM - 9:15AM (24) + Invention in Plastic Surgery:
Lessons from the NESPRS
William G. Austen, Jr., MD
Massachusetts General Hospital
Harvard Medical School

SPH ▲ Patient Safety – **10%** of this Presentation pertains to Patient Safety
Pap Technology Award consideration to be given for this Presentation

+ End of the Founders' Award Competition

CME Credits for Session D & E, Part I = 1.75 hours
Self-Assessment Credits for Session D & E, Part I = 1.75 hours
Patient Safety Hours for Session D & E, Part I = 0.50 Hours

9:15AM - 9:45AM COFFEE BREAK –
VISIT THE EXHIBITS

SCIENTIFIC SESSION E - Part II

9:45AM - 9:50AM

Introduction of ASAPS
Traveling Professor Guest Lecturer

9:50AM - 10:50PM

ASAPS Traveling Professor
Guest Lecturer

Cases, Complications,
and Patient Selection:
The View From the Trenches

Mark B. Constantian, MD
Nashua, New Hampshire

▲ Patient Safety – 50% of this Presentation pertains to Patient Safety

CME Credits for Session E, Part II = 1.00 hours

Self-Assessment Credits for Session E, Part II = 1.00 hours

Patient Safety Hours for Session E, Part II = 0.50 Hours

SCIENTIFIC SESSION F - Part I

Moderator: *Michael J. Yaremchuk, MD*

Long Papers [7-Minute Papers / 5-Minute Discussion]

10:50AM - 11:02AM (25)

A Novel Text Messaging Alert
System Used with Continuous
Tissue Oximetry Monitoring to
Improve Free Flap Outcomes

Joseph A. Ricci, MD

Amir H. Taghinia, MD, MBA

Bernard T. Lee, MD, MPH, MBA

Beth Israel Deaconess

Medical Center

Harvard Medical School

SPH ▲ Patient Safety – 50% of this Presentation pertains to Patient Safety
Pap Technology Award consideration to be given for this Presentation

SCIENTIFIC SESSION F - Part I *(continued)*

Long Papers [7-Minute Papers / 5-Minute Discussion]

11:02AM - 11:14AM (26)

The Use of Novel Antispasmodic Agents to Treat Vasospasm After Microsurgical Anastomosis

Joseph A. Ricci, MD

Pieter G. Koolen, MD

Samuel J. Lin, MD, MBA

Bernard T. Lee, MD, MPH, MBA

Beth Israel Deaconess

Medical Center

Harvard Medical School

▲ Patient Safety – 50% of this Presentation pertains to Patient Safety

11:14AM - 11:26AM (27)

Comparison of Prepectoral Versus Subpectoral Expander Placement in Latissimus Dorsi Immediate Breast Reconstruction

A. Samandar Dowlatshabi, MD

Martha Luitje, BA

Mark G. Albert, MD

Robert Quinlan, MD

Mustafa Akyurek MD, PhD

University of Massachusetts

Medical Center

University of Massachusetts

Medical School

▲ Patient Safety – 10% of this Presentation pertains to Patient Safety

SCIENTIFIC SESSION F - Part II

Moderator: *Russell Babbitt, III, MD*

Short Papers [4-Minute Papers / 3-Minute Discussion]

11:26AM - 11:33AM (28)

Upper Extremity Allotransplantation: Three-Year Functional and Immunological Outcomes

Zhi Yang Ng, MD

Kyle R. Eberlin, MD

Jonathan M. Winograd, MD

William G. Austen, Jr., MD

Josef M. Kurtz, PhD

Curtis L. Cetrulo, Jr., MD

Massachusetts General Hospital

Harvard Medical School

▲ Patient Safety – 20% of this Presentation pertains to Patient Safety

SCIENTIFIC SESSION F - Part II (*continued*)

Short Papers [4-Minute Papers / 3-Minute Discussion]

11:33AM - 11:40AM (29)

Precision Analysis of the Temporomandibular Joint in Mandibular Reconstruction Using Virtual Surgical Planning
Rajendra Sawh-Martinez, MD
Christopher DeSesa, DMD
Yassmin Parsaei, BA
Robin Wu, BA
Philipp Metzler, MD, DMD
Derek M. Steinbacher, MD, DMD
Yale New-Haven Hospital
Yale University School of Medicine

▲ Patient Safety – 80% of this Presentation pertains to Patient Safety

11:40AM - 11:47AM (30)

Clockwise and Counterclockwise LeFort I Movements Influence Nasolabial Morphology Differently
Rajendra Sawh-Martinez, MD
Alex Lin, BA, MS
Christopher R. DeSesa DMD
Robin Wu, BA
Derek M. Steinbacher, DMD, MD
Yale New-Haven Hospital
Yale University School of Medicine

▲ Patient Safety – 50% of this Presentation pertains to Patient Safety

11:47AM - 11:54AM (31)

Requirement of Cranial Neural Crest Migration in Palate and Mandibular Development Revealed by Functional Analysis of Talin1
Kana Ishii, MD
Kusumika Mukherjee, PhD
Irving Ling, MBBS, MRCS
Eric C. Liao, MD, PhD
Massachusetts General Hospital
Harvard University

SCIENTIFIC SESSION F - Part II (*continued*)

Short Papers [4-Minute Papers / 3-Minute Discussion]

11:54AM - 12:01PM (32)

The Relationship Between Age
and Facial Asymmetry

Olivia E. Linden, BA

Jun Kit He, BA

Stephen R. Sullivan, MD, MPH

Helena O.B. Taylor, MD, PhD

Rhode Island Hospital

The Warren Alpert Medical School

of Brown University

12:01PM - 12:08PM (33)

Microvascular Replantation of
Completely Avulsed Facial Parts

Natalie D. Godfrey, MD

Aparajit Naram, MD

Dylan J. Perry, BA

Mustafa Akyurek, MD, PhD, FACS

UMass Memorial Medical Center

University of Massachusetts

▲ Patient Safety – 5% of this Presentation pertains to Patient Safety

CME Credits for Session F, Part I & II = 1.25 hours

Self-Assessment Credits for Session F, Part I & II = 1.25 hours

Patient Safety Hours for Session F, Part I & II = 0.25 Hours

CME Credits for **ALL Sunday Sessions** = 4.00 hours

Self-Assessment **ALL Sunday Sessions** = 4.00 hours

Patient Safety Hours for **ALL Sunday Sessions** = 1.25 Hours

12:10PM - 12:15PM

Announcement of the
Founders Award Winner

12:15PM - 12:20PM

Closing Remarks

12:20PM

Meeting Adjourned