



Program for the 2020 Meeting

Saturday, June 6, 2020

	<i>Opening Ceremonies</i>
7:00A - 7:05A	President – Welcome – Richard T. Silverman, MD
7:05A - 7:10A	Vice President / Program Chair – Welcome – Bernard T. Lee, MD
7:10A - 7:12A	Introduction of ASPS / PSF Representative
7:12A - 7:27A	ASPS / PSF Update <u>C. Scott Hultman, MD, MSc</u> PSF President

Scientific Session A

Moderator:

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

‡ Joseph E. Murray, M.D., Award Competition – PART I

7:30A - 7:42A	(1)	Surgical Predictive Model for Breast Cancer Patients Assessing Acute Postoperative Complications: The Breast Cancer Surgery Risk Calculator (BCSRc) <u>Michael M. Jonczyk, MD</u> Russell Babbitt, MD Abhishek Chatterjee, MD, MBA Tufts Medical Center: Department of Surgery-Division of Plastic Surgery Tufts University Sackler Master's Program: Clinical and Translational Science Graduate Program SPH Pap Technology Award consideration to be given for this Presentation ▲ Patient Safety – 100% of this Presentation pertains to Patient Safety
7:43A - 7:55A	(2)	Novel Quantification of Real-Time Lymphatic Clearance: Immediate Lymphatic Reconstruction in a Large Animal Model <u>Anna Rose Johnson, MD, MPH</u> Marc-Andre Tetrault, PhD Miguel G. Bravo, MD Vincent Giraud, BS Rita Laurence, BS Hak Soo Choi, PhD Bernard T. Lee, MD, MBA, MPH Dhruv Singhal, MD Beth Israel Deaconess Medical Center Gordon Center for Molecular Imaging – Department of Radiology Massachusetts General Hospital Harvard University SPH Pap Technology Award consideration to be given for this Presentation ▲ Patient Safety – 40% of this Presentation pertains to Patient Safety

Saturday, June 6, 2020

Scientific Session A (continued)

Moderator:

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

‡ Joseph E. Murray, M.D., Award Competition – PART I

- 7:56A - 8:08A (3) Examining the Intersections of Brain and Face Development
‡ Janina Kueper, MD
Casey Tsimbal, BS
Nikita Myers, BS
Richard L. Maas, MD, PhD
Eric C. Liao, MD, PhD
Shriners Hospital for Children
Massachusetts General Hospital
Harvard Medical School
▲ Patient Safety – 25% of this Presentation pertains to Patient Safety
- 8:09A - 8:21A (4) Results of Rigid Sternal Fixation of Symptomatic Sternal Nonunion After Median
‡ Sternotomy in Cardiac Surgery
Brian Jao
Terence Lee
Ricardo Bello
Raymond M. Dunn, MD
University of Massachusetts Memorial Medical Center
University of Massachusetts Medical School
▲ Patient Safety – 20% of this Presentation pertains to Patient Safety
- 8:22A - 8:34A (5) Open Reduction Internal Fixation Has Better Short-Term Outcomes Than
‡ Conservative Management of Distal Radius Fractures in the Elderly
Jing Bai Qin, MD
Garrick Gu, BA
Anselm Wong, MD
Douglas M. Rothkopf, MD
University of Massachusetts Memorial Medical Center
University of Massachusetts Medical School
SPH Pap Technology Award consideration to be given for this Presentation
▲ Patient Safety – 60% of this Presentation pertains to Patient Safety

Saturday, June 6, 2020

Scientific Session B

Moderator:

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

‡ Joseph E. Murray, M.D., Award Competition – PART II

- 8:35A - 8:47A (6) A Craniomorphometric Comparison Analysis Distinguishing Unilateral
‡ Lambdoid Craniosynostosis from Deformational Plagiocephaly
Omar Allam, BS
Kitae Eric Park, BA
Navid Pourtaheri, MD, PhD
Mohammad Ali Mozaffari, MD
Sumun Khetpal, BS, BA
Ludmila Chandler, BS
Maham Ahmad, BA
John T. Smetona, MD
Xiaona Lu, MD
John A. Persing, MD
Michael Alperovich, MD, MSc
Yale New Haven Hospital
Yale University School of Medicine
SPH Pap Technology Award consideration to be given for this Presentation
- 8:48A - 9:00A (7) Comprehensive Craniomorphometric Analysis of 162 Patients with
‡ Metopic Craniosynostosis
Ludmila Chandler, BS
Kitae Eric Park, BA
Navid Pourtaheri, MD, PhD
Omar Allam, BS
Mohammad Ali Mozaffari, MD
Sumun Khetpal, BS, BA
John T. Smetona MD
Xiaona Lu, MD, PhD
John A. Persing, MD
Michael Alperovich, MD
Yale New Haven Hospital
Yale University School of Medicine
SPH Pap Technology Award consideration to be given for this Presentation
▲ Patient Safety – 30% of this Presentation pertains to Patient Safety
- 9:01A - 9:13A (8) Updated National Trends in Neonatal Mandibular Distraction Gleaned from the
‡ 2016 Kids' Inpatient Database: Pros and Cons of Using "Big Data" in
Plastic Surgery Research.
SeungJu Oh, BA
Victoria I. Prete, BS
Jorge Lujan-Hernandez, MD
Janice F. Lalikos, MD
Joyce K. McIntyre, MD
University of Massachusetts Memorial Medical Center
University of Massachusetts Medical School
▲ Patient Safety – 5% of this Presentation pertains to Patient Safety

Saturday, June 6, 2020

Scientific Session B (continued)

Moderator:

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

‡ Joseph E. Murray, M.D., Award Competition – PART II

9:14A - 9:26A (9) Evaluation of Capsular Contracture Rate Following Immediate Prepectoral Versus Subpectoral Direct-To-Implant Breast Reconstruction

‡ Nikhil Sobti, BA

Kassandra P. Nealon, BA

Nikki Rosado

Heather R. Faulkner, MD, MPH

Richard J. Ehrlichman, MD

William G. Austen, Jr., MD

Rachel B. Jimenez, MD

Michelle C. Specht, MD

Eric C. Liao, MD, PhD

Massachusetts General Hospital

Harvard University

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

9:27A - 9:39A (10) Study of 700 Referrals to a Lymphedema Program

‡ Christopher L. Sudduth, MD

Reid Maclellan MD, MMSc

Arin K. Greene MD, MMSc

Boston Children's Hospital

Harvard Medical School

▲ Patient Safety – **60%** of this Presentation pertains to Patient Safety

9:39A - 10:10A

COFFEE BREAK - VISIT THE EXHIBITS

Scientific Session C

10:10A - 10:40A

PANEL –

Avoiding Burnout in Plastic Surgery: Issues in Academic and Private Practice

Moderator - Bernard T. Lee, MD

David T. Greenspun, MD

C. Scott Hultman, MD, MSc

Helena O. B. Taylor, MD

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

10:40A - 10:50A

Discussion

Saturday, June 6, 2020

Scientific Session D

Moderator:

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

- 10:50A - 11:02A (11) Bio-Functional Collagen Matrix Scaffold Composition Differentially Promotes Paracrine Activity in Human Induced Pluripotent Stem Cell Derived Vascular Smooth Muscle Cells
Kaiti Duan, BS
Biraja Dash, PhD
Henry C. Hsia, MD
Yale New Haven Hospital
Yale School of Medicine
- 11:03A - 11:15A (12) Generation of Animal Models for Arteriovenous Malformation and Capillary Malformation
Patrick J. Smits, PhD
Dennis J. Konczyk, BS
Christopher L. Sudduth, MD
Jeremy A. Goss, MD
Arin K. Greene, MD, MMSc
Boston Children's Hospital
Harvard Medical School
- 11:16A - 11:28A (13) Cephalic Index Norms After the Back to Sleep Campaign: An Update on the Numbers
Megan V. Fernandez, BS
Alannah L. Phelan, MD
SeungJu Oh, BA
Victoria I. Prete, BA
Garrick Gu, BA
Joyce K. McIntyre, MD
Janice F. Lalikos, MD
University of Massachusetts Memorial Hospital
University of Massachusetts School of Medicine
▲ Patient Safety – **20%** of this Presentation pertains to Patient Safety
- 11:29A - 11:41A (14) A Cost-Utility Analysis Comparing Immediate Oncoplastic Surgery to Delayed Oncoplastic Surgery in Smoking Breast Cancer Patients
Joshua A. Bloom, MD
Ammar Asban, MD, MAS
Yurie Sekigami, MD
Tina Tian, MD
Albert Losken, MD
Russell Babbitt, MD
Abhishek Chatterjee, MD, MBA
Tufts Medical Center
- 11:42A - 11:54A (15) Use of Absorbable Antibiotic Beads in Implant-Based Breast Reconstruction
Wayne Stadelmann, MD, FACS
Emese Kalnoki-Kis, MD
Concord Hospital
SPH Pap Technology Award consideration to be given for this Presentation
▲ Patient Safety – **50%** of this Presentation pertains to Patient Safety

Saturday, June 6, 2020

11:54A	-	11:55A	Introduction of Guest Speaker
11:55A	-	12:25P	Guest Speaker Presentation – 20 Years After Winning 2 NESPRS Murray Awards: Where Are We Now in Vascularized Composite Allotransplantation? <u>David W. Mathes, MD</u> ▲ Patient Safety – _____% of this Presentation pertains to Patient Safety
12:25P	-	12:30P	Meeting Announcements
12:30P	-	12:35P	Announcement of Murray Winner
12:40P	-	1:40P	Annual Business Meeting/Luncheon
12:40P	-	1:40P	Resident Luncheon with Dr. David W. Mathes
5:30P	-	7:00P	Cocktail Reception / Poster Session
7:00P	-	10:00P	Dinner

Sunday, June 7, 2020

7:00A	-	7:05A	Passing of the Gavel
7:05A	-	7:10A	Morning Announcements
7:10A	-	7:12A	Introduction of ASAPS Representative
7:12A	-	7:27A	<u>Herluf G. Lund, MD</u> ASAPS President

Scientific Session E

Moderator:

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

7:30A	-	7:42A	(16) Neurologic Functional Connectivity in Unicoronal Craniosynostosis: A Side-Based Comparison Anusha Singh, BS <u>Kitae E. Park, BA</u> Cheryl Lacadie, BS Omar Allam, BS John T. Smetona, MD Michael Alperovich, MD, MSc John A. Persing, MD Yale New Haven Hospital Yale University School of Medicine
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Sunday, June 7, 2020

Scientific Session E (continued)

Moderator:

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

- 7:43A - 7:55A (17) The Use of Smartphone Camera Recording for Objective Surgical Skill Assessment in the Setting of Peer Teaching Model in Microsurgical Education
SeungJu Oh, BA
Victoria I. Prete, BS
Melissa McCarthy, BA, MPH
Robert P. Slamin, BS
Angel Baez, MS
Allison Crawford, MS
John M. Castle, MD
Raymond M. Dunn, MD
Janice F. Lalikos, MD
Mustafa Akyurek, MD, PhD
University of Massachusetts Memorial Medical Center
University of Massachusetts Medical School
▲ Patient Safety – **15%** of this Presentation pertains to Patient Safety
- 7:56A - 8:08A (18) Real-Time Identification of the Mascagni-Sappey Pathway Using ICG Lymphography: An Innovative Pilot Study
Anna Rose Johnson, MD, MPH
Melisa D. Granoff, BA
Hiroo Suami, MD, PhD
Bernard T. Lee, MD, MBA, MPH
Dhruv Singhal, MD
Division of Plastic and Reconstructive Surgery, Beth Israel Deaconess Medical Center
Harvard Medical School, Boston, Massachusetts, USA
Faculty of Medicine and Health Sciences, Macquarie University, Sydney, Australia
Harvard University
Macquarie University
▲ Patient Safety – **30%** of this Presentation pertains to Patient Safety
- 8:09A - 8:21A (19) Safety of Endoscopic Carpal Tunnel Release Performed Under Local Anesthesia
Omar Allam, BS
Kitae Eric Park, BA
Martin J. Carney, MD
Samuel Kim, MD
J. Grant Thomson, MD, MSc
Adnan Prsic, MD
Yale New Haven Hospital
Yale University School of Medicine
SPH Pap Technology Award consideration to be given for this Presentation
▲ Patient Safety – **100%** of this Presentation pertains to Patient Safety

Sunday, June 7, 2020

Scientific Session E (continued)

Moderator:

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

- 8:22A - 8:34A (20) Tiny Human Spaces: Mobile Solutions for Surgery
Christopher D. Hughes, MD
Amy L. Hughes, MD
Craig D. McClain, MD, MPH
Swagoto Mukhopadhyay
Heather A. Harmon, MPH
Allison Denisky
Richard T. Silverman, MD
David Walton, MD
Jim Ansara
Connecticut Children's
Boston Children's Hospital
Brigham and Women's Hospital
University of Connecticut School of Medicine
University of Massachusetts Medical School
Harvard Medical School
▲ Patient Safety – 75% of this Presentation pertains to Patient Safety

Scientific Session F

Moderator:

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

+ Founders Award Competition

- 8:35A - 8:47A (21) Clinical and Lymphoscintigraphic Differentiation Between Lymphedema, Lipedema,
+ and Obesity: Impact on Prognosis and Management
Arin K. Greene, MD, MMSc
Christopher L. Sudduth, MD
Boston Children's Hospital
Harvard Medical School
▲ Patient Safety – 30% of this Presentation pertains to Patient Safety
- 8:48A - 9:00A (22) Large Gap Peripheral Nerve Repair with Photochemical Tissue Bonding (PTB)
+ and Acellular Nerve Allograft (ANA) Matches Long Term Outcomes Achieved
with Autograft
Jonathan M. Winograd, MD
Hansdorfer MA, Tsui JM, Visaggio M, Runyan GG, Randolph MA, David WS, See
RS, Valerio IL, Redmond, RW.
Massachusetts General Hospital
Harvard University
- 9:01A - 9:13A (23) Mastectomies Performed Using the Technique of Trans Illumination
+ Wayne K. Stadelmann, MD
Sharon Gunsher, MD
Concord Hospital
▲ Patient Safety – 90% of this Presentation pertains to Patient Safety
- 9:13A - 9:45A **COFFEE BREAK - VISIT THE EXHIBITS**

Sunday, June 7, 2020

Scientific Session F

- 9:45A - 9:50A Introduction of Guest Speaker
- 9:50A - 10:20A The Reconstructive Ladder - Is It Still Relevant in 2020?
David W. Mathes, MD
▲ Patient Safety – _____% of this Presentation pertains to Patient Safety
- 10:20A - 10:30A Discussion

Scientific Session G

Moderator:

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

- 10:30A - 10:37A (24) Immediate Pre-Pectoral Breast Reconstruction: Direct to Implant Vs. Tissue Expansion
Keira Proctor, PA-C
Wayne K. Stadelmann, MD, FACS
Emese Kalnoki-Kis, MD
Concord Hospital
- 10:38A - 10:45A (25) Presence Of Psychiatric Diagnosis Negatively Impacts Patient-Reported Outcomes And Decreases Likelihood Of Autologous Reconstruction
Sumarth Mehta, BSc
Amar H. Sheth, BS
Olamide Olawoyin, BSc
Fouad K. Chouairi, BS
Tomer Avraham, MD
Michael Alperovich, MD, MSc
Yale New Haven Hospital
Yale School of Medicine
▲ Patient Safety – **10%** of this Presentation pertains to Patient Safety
- 10:46A - 10:53A (26) Influence of Neoadjuvant Chemotherapy Regimen on Breast Reconstruction Outcomes
Olamide Olawoyin, BSc
Sumarth Mehta, BSc
Fouad K. Chouairi, BSc
Lajos Pustzai, MD, Dphil
Michael Alperovich, MD, MSc
Yale New Haven Hospital
Yale School of Medicine
▲ Patient Safety – **100%** of this Presentation pertains to Patient Safety

Sunday, June 7, 2020

Scientific Session G (continued)

Moderator:

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

10:54A - 11:01A (27) Worse Overall Health Status Negatively Impacts Satisfaction
With Breast Reconstruction

Sumarth Mehta, BSc

Olamide Olawoyin, BS

Fouad K. Chouairi, BS

Tomer Avraham, MD

Michael Alperovich, MD, MSc

Yale New Haven Hospital

Yale School of Medicine

11:02A - 11:09A (28) ▲ Patient Safety – **10%** of this Presentation pertains to Patient Safety
Open Rhinoplasty Performed In Skeletal Immaturity for Non-cleft Pediatric Patients:
Review Of Indications, Techniques, and Post-operative Outcomes

Navid Pourtaberi, MD, PhD

Ludmila Chandler, BS

Kitae E. Park, BA

Omar Allam, BS

Derek M. Steinbacher, MD, DMD, FACS

Yale New Haven Hospital

Yale University School of Medicine

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

Scientific Session H

Moderator:

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

11:10A - 11:17A (29) Disparities Based on Race and Presenting Diagnosis in Outcomes Following
Orthognathic Surgery

Connor J. Peck, BS

Navid Pourtaberi, MD, PhD

Blake N. Shultz, BS

Yassmin Parsaei, DMD

Jenny Yang, MD

Kitae E. Park, BS

Omar Allam, BS

Karl Bruckman, MD

Derek M. Steinbacher, MD, DMD

Yale New Haven Health

Yale School of Medicine

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

Sunday, June 7, 2020

Scientific Session H (continued)

Moderator:

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

- 11:18A - 11:25A (30) Emotional Intelligence and Improvement Mindset in Plastic Surgery Residents
Arman T. Serebrakian, MD, MS
Emil R. Petrusa, PhD
Sophia K. McKinley, MD
Ricardo Ortiz, BS
William G. Austen, Jr., MD
Roy Phitayakorn, MD
Massachusetts General Hospital
Harvard Medical School
- 11:26A - 11:33A (31) Regional Assessment of Research Industry Payments to Plastic Surgeons –
Aesthetics in the South, Breast in the West, and Tissue Repair in the Northeast
Sumun Khetpal, BS, BA
Nicole Le, MPH
Michael Alperovich, MD, MSc
Yale New Haven Hospital
Yale University
- 11:34A - 11:41A (32) Accuracy of Online Pictorial Resources for Common Hand Procedures
Kitae E. Park, BA
Omar Allam, BS
Samuel Kim, MD
James E. Clune, MD
Adnan Prsic, MD
Yale New Haven Hospital
Yale University School of Medicine
- 11:42A - 11:49A (33) Does the Timing of Postoperative Showering Impact Infection and Complication
Rates?
Libby R. Copeland-Halperin, MD
Maria L. Reategui Via y Rada, BA
Joshua Levy, BA
Nina Shank, MD
Christopher D. Funderburk, MD
Joseph H. Shin, MD
Joseph M. Rosen, MD
Dartmouth-Hitchcock Medical Center
▲ Patient Safety – 80% of this Presentation pertains to Patient Safety
- 11:50A - 11:57A (34) Combined Preoperative and Intraoperative Lymphatic Mapping Increases Sensitivity
of Lymph Node Biopsies in Auricular Melanoma
Seth I. Noorbakhsb
Raysa Cabrejo, MD
Darko Pucar, MD, PhD
Kelly Olino, MD
Sarah Weiss, MD
James E. Clune, MD
Yale New Haven Hospital
Yale University School of Medicine
▲ Patient Safety – 80% of this Presentation pertains to Patient Safety

Sunday, June 7, 2020

Scientific Session I

11:57A	-	12:00P		Introduction - PANEL –
12:00P	-	12:40P		Clinical Problem Solving - ROUND 6 - PANEL - Difficult Problems in Primary and Secondary Breast Implant Surgery Moderator – <u>Bernard T. Lee, MD</u> Lawrence N. Gray, MD David W. Mathes, MD ?? Panelist #3 ▲ Patient Safety – _____% of this Presentation pertains to Patient Safety
12:40P	-	12:45P		Announcement of Founders Award Competition Winner
12:50P				Closing Remarks
12:55P				Meeting Adjourn