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

Saturday, June 3, 2017

7:00AM - 7:05AM OPENING CEREMONIES -

President – Welcome

Melissa A. Johnson, MD

7:05AM - 7:10AM Vice President / Program Chair – Welcome

Deepak Narayan, MD

7:10AM - 7:12AM Introduction of ASPS Representative

7:12AM - 7:27AM ASPS / PSF Update –

Arun K. Gosain, MD President-Elect, PSF

SCIENTIFIC SESSION A

Moderator: Stephen R. Sullivan, MD

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

7:27AM - 7:34AM (1) Indications and Perioperative Analysis of Revision

Orthognathic Surgery

Robin Wu, BS

Alexander Wilson, BS Derek M. Steinbacher, MD Yale-New Haven Hospital Yale School of Medicine

▲ Patient Safety – **75%** of this Presentation pertains to Patient Safety

7:34AM - 7:41AM (2) Mutational Profile of Benign Vascular Tumors –

The Yale Experience

Samuel Kim, MD

Brandon Sumpio, MD Young H. Lim, MD

Keith A. Choate, MD

Deepak Narayan, MD

Yale-New Haven Hospital

Yale University

SCIENTIFIC SESSION A

(Continued)

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

7:41AM - 7:48AM (3) Evaluating Timing of Flap Training After Lower Extremity Free

Flap Reconstruction: A Systematic Review and Meta-Analysis

Nickolay P. Markov, MD

Christopher D. Funderburk, MD

Peter Kahng, BS Max Bowman, BS

Michael K. Matthew, MD

Dartmouth Hitchcock Medical Center Geisel School of Medicine At Dartmouth

7:48AM - 7:50AM Introduction to the Panel

7:50AM - 8:50AM PANEL – Clinical Problem Solving – **Round 3**

Moderator – Deepak Narayan, MD

Alan Babigian, MD Gary L. Freed, MD Bernard T. Lee, MD Helena O. B. Taylor, MD

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

CME Category I Credits for Session A = 1.25 hours Patient Safety Hours for Session A = 1.00 Hours

SCIENTIFIC SESSION B

Moderator: Charles L. Castiglione, MD

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

8:50AM - 9:02AM (4) Comparison of Risk Factor Profile in Mastectomies With

Difference Breast Specimen Weights: An Institutional

Review of 1041 Cases *Anmol S. Chattha, BA*

Parisa Kamali, MD

Charlotte L. Van Veldhuisen, BSc

Renata Flecha-Hirsch

Alexandra Bucknor, MD

Adam M. Tobias, MD

Bernard T. Lee, MD, MBA, MPH

Samuel J. Lin, MD, MBA

Beth Israel Deaconess Medical Center

Harvard Medical School

 \triangle Patient Safety – 80% of this Presentation pertains to Patient Safety

9:02AM - 9:14AM (5) Mastectomy and Breast Reconstruction Trends by Stage of

Cancer: A SEER Database Analysis

Nickolay P. Markov, MD

Spencer L James, MD, MPH

Christopher D Funderburk, MD

Joseph M Rosen, MD

Dartmouth Hitchcock Medical Center

Geisel School of Medicine At Dartmouth

9:14AM - 9:26AM (6) CTLA4-Ig and Vascularized Bone Marrow Successfully Negate

the Development of Skin Rejection in Vascularized Composite

Allografts of MHC Class I-Mismatched Chimeras

Alexandre G. Lellouch, MD

Zhi Yang Ng, MD

Amon-Ra Gama, BS

Ilse M. Schol, BS

Mark A. Randolph, MAS

Josef M. Kurtz, PhD

Curtis L. Cetrulo, Jr., MD

Michael J. Yaremchuk, MD

William G. Austen, Jr., MD

Massachusetts General Hospital

Harvard Medical School

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

SCIENTIFIC SESSION B

(Continued)

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

9:26AM - 9:38AM (7) Large Animal Model of Modified Lymphatic Microsurgical

Preventative Healing Approach (LYMPHA)

Bao Ngoc N. Tran, MD

Qing Ruan, MD

Bernard T. Lee, MD, MPH, MBA

Dhruv Singhal, MD

Beth Israel Deaconess Medical Center

Harvard Medical School

SPH Pap Technology Award consideration to be given for this Presentation

9:38AM - 9:50AM § (8) Photochemical Tissue Bonding Optimizes Outcomes of Large Gap

Peripheral Nerve Defects Repaired With Acellular Nerve Grafts

in a Porcine Model

Rachel L. Goldstein, DO

Gem Runyan, BS MS

Mark A. Randolph, MAS

Jeena Easow, MD

Amanda M. Meppelink, BS

Vahe Fahradyan, MD

Michael J. Yaremchuk, MD

Robert W. Redmond, PhD

Michael J. Yaremchuk, MD

Jonathan M. Winograd, MD

Massachusetts General Hospital

Harvard University

SPH Pap Technology Award consideration to be given for this Presentation

9:50AM - 10:02AM (9) 3D Analysis in Rhinoplasty: Simulated Versus Actual Result

Sarah Persing, MD

Andrew Timberlake, BS

Derek M. Steinbacher, MD

Yale New Haven Hospital

Yale University

CME Category 1 Credits for Session B = 1.25 hours

Patient Safety Hours for Session B = 0.25 hours

10:02AM - 10:35AM COFFEE BREAK – VISIT THE EXHIBITS

SCIENTIFIC SESSION C

Moderator: John A. Persing, MD

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

10:35AM - 10:47AM ♦ (10) Propranolol Treatment of Vascular Anomalies Other Than

Infantile Hemangioma Jeremy A. Goss, MD

Dennis J. Konczyk, BS

Mohammed H. Alomari, MBBS

Reid A. Maclellan, MD, MMSc

Arin K. Greene, MD, MMSc

Boston Children's Hospital

Harvard Medical School

10:47AM - 10:59AM • (11) Aggressive Limb Salvage For Wound Coverage in the

Presence of Vasculopathy: Thinning Flaps Does Not

Affect Functional Recovery

Shawn Diamond, MD

Akhil K. Seth, MD

Anmol S. Chattha, BA

Parisa Kamali, MD

Bernard T. Lee, MD, MBA, MPH

Samuel J. Lin, MD

Mathew L. Iorio, MD

Beth Israel Deaconess Medical Center

Harvard Medical School

 \triangle Patient Safety – 80% of this Presentation pertains to Patient Safety

10:59AM - 11:11AM (12) Defining The Histologic Support Structures of the Nasal Ala:

A Cadaveric Study

A. Samandar Dowlatshahi, MD

Gary M. Fudem, MD

April Deng, MD

Mark B. Constantian, MD

Beth Israel Deaconess Medical Center

Harvard Medical School

 \triangle Patient Safety – 50% of this Presentation pertains to Patient Safety

SCIENTIFIC SESSION C

(Continued)

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

11:11AM − 11:23AM ½(13) The Weekend Effect in Emergent Orbital Floor Fractures:

A Study Using the National Inpatient Sample Database

Austin D. Chen, BSc

Anmol S. Chattha, BA

Alexandra Bucknor, MD

Parisa Kamali, MD

Patrick P. Bletsis, BSc

Marc L. Schermerhorn, MD

Bernard T. Lee, MD, MBA, MPH

Samuel J. Lin, MD, MBA, FACS

Beth Israel Deaconess Medical Center

Harvard Medical School

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

11:23AM - 11:35AM (14) Implant-Based Breast Reconstruction and the Timing of Adjuvant

Radiotherapy: A Systematic Review and Meta-Analysis of

Surgical Outcomes

Joseph A. Ricci, MD

Sherise Epstein, BA

Samuel J. Lin, MD, MBA

Dhruv Singhal, MD

Bernard T. Lee, MD, MBA, MPH

Beth Israel Deaconess Medical Center

Harvard Medical School

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

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

11:35AM - 11:40AM Introduction of Special Guest Lecturer

11:40AM - 12:40PM Special Guest Lecturer

Sense & Nonsense:

Perceptions of a Veteran 'Neckster'

Joel J. Feldman, MD Boston, Massachusetts

▲ Patient Safety – 15% of this Presentation pertains to Patient Safety

CME Category 1 Credits for Session C = 2.00 hours Patient Safety Hours for Session C = 0.50 Hours

CME Category Credits for ALL Saturday Sessions = 4.50 hours Patient Safety Hours for ALL Saturday Sessions = 1.75 Hours

12:40PM - 12:45PM	Meeting Announcements
12:45PM - 12:50PM	Announcement of the Murray Award Winner
12:50PM - 1:50PM	Annual Business Meeting / Active Members Only Luncheon Included
12:50PM - 1:50PM	Residents Luncheon with Special Guest Lecturer
5:30PM - 7:00PM	Cocktail Reception / Poster Session Ocean View Room & Beach
7:00PM - 10:00PM	Georges Bank Dinner Buffet Outside Court Yard
8:15PM	Sunset on Buzzards Bay – Cape Cod

7:00AM - 7:05AM The 'Passing of the Gavel'

Immediate Past President – Melissa A. Johnson, MD

President -

Deepak Narayan, MD

7:05AM - 7:10AM Sunday Morning Announcements

Vice President / Program Chair – Deepak Narayan, MD

7:10AM - 7:12AM Introduction of ASAPS Representative

7:12AM - 7:27AM ASAPS Update –

<u>Herluf G. Lund, MD</u> Treasurer, ASAPS

SCIENTIFIC SESSION D

Moderator: Derek M. Steinbacher, DMD, MD

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

7:27AM - 7:39AM (15) Early Results in Preventing Lymphedema: A Potential Paradigm

Shift in Lymphatic Surgery

Dhruv Singhal, MD Mandee Hahamoff, BS *Nachi J. Gupta, MD, PhD*

Derly Munoz, PT Christiana Shaw, MD Lisa Spiguel, MD

Bernard T. Lee, MD, MBA, MPH Beth Israel Deaconess Medical Center

Harvard Medical School

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

SCIENTIFIC SESSION D

(Continued)

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

7:39AM - 7:51AM (16) Somatic MAP2K1 Mutations are Associated With Extracranial

Arteriovenous Malformation

Javier A. Couto, MD

August Y. Huang, PhD

Dennis J. Konczyk

Jeremy A. Goss, MD

Steven J. Fishman, MD

John B. Mulliken, MD

Matthew L. Warman, MD

Arin K. Greene, MD, MMSc

Boston Children's Hospital

Harvard Medical School

7:51AM - 8:03AM (17) Mexican Cleft Surgeons Experience With Surgical Volunteer

Missions: Surgical Volume, Complications and the Future of

the "Mission Trip"

Joyce K. McIntyre, MD

Anna Schoenbrunner, BS

Amanda Gosman, MD

University of California San Diego

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

8:03AM - 8:15AM (18) The "First Year in Practice" Facelift: Teaching a Safe, Versatile

and Reliable Technique to Trainees

Emile N. Brown, MD

Sumner A. Slavin, MD

Beth Israel Deaconess Medical Center

Harvard Medical School

▲ Patient Safety – **75%** of this Presentation pertains to Patient Safety

SCIENTIFIC SESSION D

(Continued)

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

8:15AM - 8:27AM (19) Cost Analysis of Two Staged Implants With Alloderm and Deep

Inferior Epigastric Perforator Flap Autologous Reconstruction

Bao Ngoc N. Tran, MD

Sherise Epstein, BA

Ayotunde Fadayomi, MPH

Bernard T. Lee, MD, MBA, MPH

Beth Israel Deaconess Medical Center

Harvard Medical School

CME Category 1 Credits for Session D = 1.00 hours Patient Safety Hours for Session D = 0.25 Hours

SCIENTIFIC SESSION E

Moderator: *Herluf G. Lund, MD* + Founders' Award Competition

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

8:27AM - 8:39AM + (20) Back to the Future – A New England Tale

Deepak Narayan, MD

Yale New Haven Hospital

Yale University

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

8:39AM - 8:51AM + (21) Optimization of Nipple Position Following Nipple-Sparing

Mastectomy

Amy S. Colwell, MD

Erin Taylor, MD

Michelle Specht, MD

Jay Orringer, MD

Massachusetts General Hospital

Harvard Medical School

 \triangle Patient Safety – 10% of this Presentation pertains to Patient Safety

SCIENTIFIC SESSION E

(Continued)

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

8:51AM - 9:03AM + (22) Vascular Anomalies: From A Clinicohistologic to a
Genetic Framework

<u>Arin K. Greene, MD, MMSc</u>

Boston Children's Hospital

Harvard Medical School

+ End of the Founders' Award Competition

CME Category 1 Credits for Session E = 0.50 hours Patient Safety Hours for Session E = 0.25 Hours

9:03AM - 9:35AM COFFEE BREAK – VISIT THE EXHIBITS

9:35AM - 9:40AM Introduction to the Panel

9:40AM - 10:25AM PANEL -

Mohs Reconstruction

Moderator – Deepak Narayan, MD Mark B. Constantian, MD Arun K. Gosain, MD Joseph Upton, MD

▲ Patient Safety – 25% of this Presentation pertains to Patient Safety

CME Category 1 Credits for Session E [Panel] = 0.75 hours Patient Safety Hours for Session E [Panel] = 0.00 hours

SCIENTIFIC SESSION F

Moderator: Janice F. Lalikos, MD

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

10:25AM - 10:37AM (23) The Physiologic Basis for Patient Behavior

Mark B. Constantian, MD, FACS

St. Joseph Hospital

University of Wisconsin, Madison

University of Virginia

 \triangle Patient Safety – 100% of this Presentation pertains to Patient Safety

10:37AM - 10:49AM (24) Using Post-Surgical Wound Fluid Biomarkers to Assess the Impact

of Acellular Dermal Matrix on Early Wound Healing

Henry C. Hsia, MD

Michael R. Weaver, BA

Jean E. Schwarzbauer, PhD

Yale School of Medicine

10:49AM - 11:01AM (25) Elevation of the Anterolateral Thigh Flap in the Suprascarpal

Plane: Primary Flap Thinning Does Not Affect Flap Outcomes

Shawn Diamond, MD

Akhil K. Seth, MD

Anmol S. Chattha, BA

Parisa Kamali, MD

Bernard T. Lee, MD, MBA, MPH

Samuel J. Lin, MD

Mathew L. Iorio, MD

Beth Israel Deaconess Medical Center

Harvard Medical School

 \triangle Patient Safety – 80% of this Presentation pertains to Patient Safety

SCIENTIFIC SESSION F

(Continued)

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

11:01AM - 11:13AM (26) Umbilical Necrosis Rates After Abdominal Based Microsurgical

Breast Reconstruction <u>Joseph A. Ricci, MD</u> Parisa Kamali, MD

Babette E. Becherer, BSc

Daniel Curiel, BSc Winona Wu, Bsc

Adam M. Tobias, MD

Samuel J. Lin, MD, MBA

Bernard T. Lee, MD, MBA, MPH

Beth Israel Deaconess Medical Center

Harvard Medical School

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

CME Category 1 Credits for Session F = 0.75 hours Patient Safety Hours for Session F = 0.25 hours

SCIENTIFIC SESSION G

Moderator:

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

11:13AM - 11:20AM (27) A Single-Center Evaluation of Prophylactic Mastectomy

Outcomes: Revisiting Safety Profile and Risk Factors

Patrick Panayotis Bletsis, BSc

Anmol S. Chattha, BA Alexandra Bucknor, MD

Parisa Kamali, MD

Charlotte L. Van Veldhuisen, BSc

Renata Flecha-Hirsch, BS

Austin D. Chen, BSc

Adam M. Tobias, MD

Bernard T. Lee, MD, MBA, MPH

Samuel J. Lin, MD, MBA

Beth Israel Deaconess Medical Center

Harvard Medical School

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

SCIENTIFIC SESSION G

(Continued)

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

11:20AM - 11:27AM (28) The Composite Paramedian Extended Forehead Flap:

A Clinical Series

Sabrina Pavri, MD, MBA Brandon Sumpio, BA

<u>Samuel Kim, MD</u> Alain Kaldany, BA

Ajul Shah, MD

Andrew McGregor, MD Faith Muchemwa, MD

Godfrey Muguti, MD

Flora Levin, MD

Deepak Narayan, MD

Yale-New Haven Hospital

Yale University

11:27AM - 11:34AM (29) Clinical Utility of SPECT For Sentinel Lymph Node

Identification in Melanoma

Andrew McGregor, MD

Samuel Kim, MD

Deena Abbate, RN, BSN

Antonio Obando, MD

Deepak Narayan, MD

Yale-New Haven Hospital

Yale University

 \triangle Patient Safety – 50% of this Presentation pertains to Patient Safety

11:34AM - 11:41AM (30) Oral Contraceptive Management in Aesthetic Surgery: A Survey of

Current Practice Trends

Anmol S. Chattha, BA

Emile N. Brown, MD

Emily Clarke-Pearson, MD

Sumner A. Slavin, MD

Samuel J. Lin, MD, MBA

Beth Israel Deaconess Medical Center

Harvard Medical School

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

SCIENTIFIC SESSION G

(Continued)

11:41AM - 11:45AM Introduction of Invited Guest Lecturer

11:45AM - 12:15PM Invited Guest Lecturer

MACRA for Plastic Surgeons: The Quality Payment Program

Theodore G. Long, MD, MHS

Baltimore, Maryland

 \triangle Patient Safety – 10% of this Presentation pertains to Patient Safety

CME Category I Credits for Session G = 1.00 hours Patient Safety Hours for Session G = 0.25 Hours

CME Category 1 Credits for ALL Sunday Sessions = 4.00 hours Patient Safety Hours for ALL Sunday Sessions = 1.00 Hours

12:15PM - 12:20PM Announcement of the Founders Award Winner

12:20PM - 12:25PM Announcement of the Pap Award (if applicable)

12:25PM - 12:30PM Closing Remarks

12:30PM Meeting Adjourned