



**NESPRS Preliminary Program for the
2021 Virtual Annual Meeting**

Saturday, June 5, 2021

- 8:00AM Opening Remarks – President - Richard T. Silverman, MD
- 8:05AM Welcome – Vice President / Program Chair – Bernard T. Lee, MD

Scientific Session A

Long Papers [7-Minute Papers / 3-Minute Discussion] **General Topic – Reconstructive Surgery**

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

Moderator: Henry C. Hsia, MD

- 8:10AM – 8:20AM #1 A Variant of the Lateral Upper Arm Lymphatic Pathway: A Risk Factor for the
Development of Breast Cancer Related Lymphedema
Melisa D. Granoff, BA
- 8:20AM – 8:30AM #2 Characteristics of Neurotization During Breast Reconstruction: Perioperative
Outcomes Using the American College of Surgeons National Surgical Quality
Improvement Program
Elizabeth Laikhter, BA
- 8:30AM – 8:40AM #3 Assessment of Financial Conflicts of Interest Related to the Use of Dermal
Substitutes in Burn Management
Jacob Radparvar, BS
- 8:40AM – 8:50AM #4 Impact of Prehospital Mode of Arrival on Time to Digital Revascularization
and Patient Outcomes
Thomas J Martin, BA
- 8:50AM – 9:00AM #5 Results of Rigid Sternal Fixation of Symptomatic Sternal Nonunion After Median
Sternotomy in Cardiac Surgery
Brian Jao, MD

Scientific Session B

Long Papers [7-Minute Papers / 3-Minute Discussion] **General Topic – Basic Science & Education**

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

Moderator: David W. Mathes, MD

- 9:00AM – 9:10AM #6 Inducible Mouse Strain Expresses a Gain-of-Function Allele of MAP2K1
Christopher L. Sudduth, MD

9:10AM – 9:20AM #7 Matrix Metalloproteinases and Tissue Inhibitor Matrix Metalloproteinase 1
Dysregulation in Pressure Ulcer Wound Fluids of Smokers
Kaiti Duan, BS

9:20AM – 9:30AM #8 Plastic Surgery Residency Training in Gender Affirmation Surgeries:
A National Survey Study
Shirley Shue, MD

~~9:30AM – 9:40AM #9 Examining the Intersections of Brain and Face Development~~
~~Janina Kueper, MD PAPER WITHDRAWN~~

9:30AM – 9:40AM #10 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

Special Guest Lecturer

9:40AM - 10:30AM The Reconstructive Ladder - Is It Still Relevant in 2021?
David W. Mathes, MD – Special Guest Lecturer

10:30AM – 10:45AM ASAPS Update – William P. Adams, Jr., MD – ASAPS President

10:45AM – 10:55AM SHORT COFFEE BREAK

Scientific Session C

Long Papers [7 Minutes]

General Topic – Basic Science

Moderator: **Joyce K. McIntyre, MD**

10:55AM – 11:02AM #11 Use of Absorbable Antibiotic beads in Implant-Based Breast Reconstruction
Wayne K. Stadelmann, MD, FACS

11:02AM – 11:09AM #12 3D-Printed Muscle Surrogate for Slow Delivery of Growth Factors for Treating
Muscle Injuries
Indranil Sinha, MD

11:09AM – 11:16AM #13 Loss of Aryl Hydrocarbon Receptor Translocator Impairs Physiologic Response
to Endurance Exercise in Old Mice
Mehran Karvar, MD

11:16AM – 11:23AM #14 Generation of Animal Models For Arteriovenous and Capillary Malformations
Patrick J. Smits, PhD

11:23AM – 11:35AM --- **DISCUSSION** ---

Scientific Session D

Long Papers [7 Minutes]

General Topic – Breast

Moderator: **Mustafa Akyurek, MD**

- 11:35AM – 11:42AM #15 The Use of Hemostatic Agents to Decrease Bleeding Complications in General Plastic Surgery Procedures: A Surgeon's Consecutive Experience
Joshua A. Bloom, MD
- 11:42AM – 11:49AM #16 Surgical Techniques and Outcomes of Breast Reconstruction with Neurotization: A Systematic Review of the Literature
Eric Shiah, BA
- 11:49AM – 11:56AM #17 Single Stage Suction-Assisted Lipectomy with Dermal Mastopexy: An Alternative Procedure in Repeat Reduction Mammoplasty with Questionable Nipple-Areola Complex Vascularity
Tina Tian, MD
- 11:56AM – 12:03PM #18 Hockey Stick Incision: A Modified Technique for Chest Wall Masculinization
Sumun Khetpal, BS, BA

12:03PM – 12:10PM

--- DISCUSSION ---

Scientific Session E

Long Papers [7 Minutes]

General Topic – Craniofacial & Hand Surgery

Moderator: **Arin K. Greene, MD**

- 12:10PM – 12:17PM #19 Cephalic Index Norms After the Back to Sleep Campaign: An Update on the Numbers
Dalton T. Mourao, BS, BA
- 12:17PM – 12:24PM #20 Post-operative Edema Resolution Post-Orthognathic Triple Jaw Surgery: A Three-Dimensional Volumetric Analysis
Alvaro Reategui, BA
- 12:24PM – 12:31PM #21 Acetaminophen Decreases Inpatient Opioid Use After Orthognathic Surgery
Sarah J. Phillips, BS
- 12:31PM – 12:38PM #22 Hand Therapy After Flexor and Extensor Tendon Repair: A Retrospective Study Assessing Predictors of Loss to Follow-up
Desmond J. Bennett, BA
- 12:38PM – 12:45PM #23 Tiny Human Spaces: Mobile Solutions for Surgery
Christopher D. Hughes, MD, MPH

12:45PM – 12:55PM

--- DISCUSSION ---

12:55PM – 1:25PM

NESPRS Annual Business Meeting – A Separate Link Will BE Sent to ALL NESPRS Members to Attend the Business Meeting

1:25PM - 1:40PM ASPS Update – Joseph E. Losee, MD – ASPS President

Special Guest Lecturer

1:40PM – 2:15PM Maintaining Meaning in Medicine: Physician Wellness and Resiliency
Joseph E. Losee, MD – Special Guest Lecturer

Scientific Session F

Short Papers [4 Minutes]

General Topic – Craniofacial & Reconstructive Surgery

Moderator: **Helena O. B. Taylor, MD**

2:15PM – 2:19PM #24 Accessing Secondary Cleft Surgery in the United States: A National Analysis of Race-Based Disparities in Longitudinal Care
Connor J. Peck, BS

2:19PM – 2:23PM #25 Patient Reported Outcomes in Parry-Romberg Syndrome: Functional and Psychosocial Impact of Disease in Children and Young Adults
Ingrid M. Ganske, MD MPA

2:23PM – 2:27PM #26 Breast Cancer in Male-to-Female Transgender Patients: An Interplay of Hormone Therapy, Genetics and Breast Reconstruction
Naomi A. Cole, BS

2:27PM – 2:31PM #27 The Impact of Upper Extremity Injury on Patient Reported Satisfaction with Sex Life: Preliminary Results
Cicely E. Krebill, BS

~~2:31PM – 2:35PM #28 The Role of the Maxilla in Respiratory Difficulty in Pierre Robin Syndrome
Mohammad Ali Mozaffari, MD PAPER WITHDRAWN~~

2:31PM – 2:35PM #29 Morphometric Evaluation of Facial Dysmorphology in Saethre-Chotzen Syndrome
Alexandra Junn, AB

2:35PM – 2:50PM --- DISCUSSION ---

Scientific Session G

Short Papers [4 Minutes]

General Topic – General Plastic Surgery

Moderator: **Samuel J. Lin, MD**

2:50PM – 2:54PM #30 Telehealth in Pediatric Surgical Subspecialties: Rapid Adoption in the Setting of COVID-19
Christopher D. Hughes, MD, MPH

2:54PM – 2:58PM #31 Improvements in Perceived Age and Attractiveness Following Rhinoplasty Using Facial Recognition Software
Sumun Khetpal, BS, BA

- 2:58PM – 3:02PM #32 Smooth versus Textured Tissue Expanders: Comparison of Outcomes and Complications in 480 Implants
Jacob Dinis, BS
- 3:02PM – 3:06PM #33 Free Your Mind ... Not Your Flap
Alexander D. Neusner, MD
- 3:06PM – 3:10PM #34 Flow-through Omental Flap for Vascularized Lymph Node Transplant of the Lower Extremity
Brodie Lee
- 3:10PM – 3:20PM --- DISCUSSION ---
- 3:20AM – 3:30PM SHORT SNACK & SODA BREAK**
- 3:30PM – 5:00PM Clinical Problem Solving Panel –
Difficult Problems in Primary & Secondary Breast Implant Surgery
Moderator – Bernard T. Lee, MD
Panelist – Abhishek Chatterjee, MD
Panelist – Rachel A. Sullivan, MD
Panelist – Stephen R. Sullivan, MD
- 5:00PM – 6:15PM Networking Event – Join Us For Cocktails With Corporate