**LIST OF TOPICS PRESENTED**

**PANELS & PRESENTATIONS**

1) **TITLE:** PANEL  
**Hot Topic: Breast Surgery**  
**Moderators:** Rahim S. Nazerali, MD & Alex K. Wong, MD  
**Panelists:** Garry S. Brody, MD, M. Bradley Calobrace, MD, Aesthetic Society’s Traveling Professor, Rahim S. Nazerali, MD, Charles Y. Tseng, MD

At the conclusion of this panel, participants should have been able to: 1) Assess and evaluate the hot topics related to breast surgery including ALC, implant selection, the safety of nipple knowledge base in the above areas to improve competence, performance and patient outcomes in breast surgery; and 3) Apply new data towards quality improvement and improve medical knowledge and apply this to patient care in breast surgery.

2) **TITLE:** BRODY FAMILY LECTURESHIP  
**The Garry Brody, MD Family Lectureship**  
**Topic:** IMMUNE MODULATION FOR HAND TRANSPLANTATION  
**W. P. Andrew Lee, MD**

The presentation described the development of an immune modulatory protocol in order to minimize recipient immunosuppression for vascularized composite allo-transplantation such as hand transplants. Using transient lymphoid depletion and donor bone marrow infusion into hand transplant recipients, the Johns Hopkins team has been able to maintain hand allografts on single-agent immunosuppression (Tacrolimus monotherapy) for more than 8 years.

1) Recognize the importance to achieve a favorable risk-benefit ratio for transplantation that enhances the quality of life; 2) Examine the concept of immune modulation (regulation) rather than suppression by maintaining a careful balance of immune responses between the allograft and recipient; and 3) Integrate the clinical experience of hand transplant using an immune modulatory protocol.

3) **TITLE:** PANEL  
**Transgender Surgery**  
**Moderators:** Karen M. Yokoo, MD & Ali X. Salim, MD  
**Panelists:** Jordan Deschamps-Braly, MD, Esther A. Kim, MD, Gabriel M. Kind, MD, Bauback Safa, MD, Thomas Satterwhite, MD

This panel covered gender reassignment surgery indications and techniques, including breast/chest, facial, and genital surgery.

At the conclusion of this panel, participants should have been able to: 1) Review the current plastic surgical options for gender reassignment surgery; 2) Assess the pathways for medical care for transgender patients; 3) Recognize and utilize the WPATH (World Professional Association for Transgender Health) guidelines/criteria for transgender surgery; & 4) Recognize the importance of insuring the public is aware of the needs of this previously underserved population.

4) **TITLE:** PANEL  
**Work-Life Balance and How to Avoid Burnout**  
**Moderators:** Scott L. Hansen, MD & William S. Umansky, MD  
**Panelists:** Anureet Bajaj, MD, PSF Visiting Professor, Katerina M. Gallus, MD, David Weinberg, StressCare

At the conclusion of this panel, participants should have been able to: 1) Describe the problem and impact of physician burnout; 2) Examine issues and challenges experienced by physicians as they seek "work/life balance", and 3) Identify strategies to prevent physician burnout and improve "work/life balance".

5) **TITLE:** PANEL  
**Regenerative or Degenerative Therapy? An Update on Fat, Stem Cells & Platelet Rich Plasma**  
**Moderator:** Ahmed S. Suliman, MD  
**Panelists:** Ashkan Ghavami, MD & Derrick Wan, MD

The panelists discussed the scientific basis and rational for therapeutic effects of Adipocyte Derived Regenerative Cells (ADRC), the scientific basis and rational for therapeutic effects of Platelet-Rich Plasma (PRP), Clinical applications of ADRC and PRP, and Evidence for effectiveness of stem cell based therapies.

At the conclusion of this panel, participants should have been able to: 1) Examine the concept of Adipose derived regenerative cells and their potential uses; 2) Review the concept of Platelet Rich Plasma and its potential uses; 3) Analyze the current state of evidence of the effectiveness of both ADRCs and PRP in Plastic and Reconstructive Surgery procedures; 4) Recognize the need for well-designed research studies to demonstrate the effectiveness of these potential regenerative treatments; & 5) Evaluate patient inquiries of “stem cell” based treatments.

6) **TITLE:** PANEL  
**Social Media Issues**  
**Moderator:** Amanda A. Gosman, MD  
**Panelists:** Anureet Bajaj, MD, PSF Visiting Professor, Ashka Ghavami, MD, Raman C. Mahabir, MD

The panelists discussed the ethical and effective use of social media in plastic surgery practice - in accordance to California law.

At the conclusion of this panel, participants should have been able to: 1) Assess specific ethical and legal considerations for social media in plastic surgery (MBC, HIPAA, etc.); 2) Determine the value of social media in academic and private plastic surgery practice; and 3) Analyze the risks and benefits of using social media in academic and private plastic surgery practice.

**INSTRUCTIONAL COURSES**

1) **Current Concepts and Approaches in Simultaneous Augmentation Mastopexy**  
**M. Bradley Calobrace, MD** – Aesthetic Society’s Traveling Professor

This course outlined the issues to be considered in approaching the ptotic breast, reviewed the known literature on the subject to help provide framework for the discussion, followed by detailed approach (published date Calobrace, et al PRS 2013) included preoperative assessment, operative technique and postoperative management. There was a video presentation that outlined in detail the surgical approach. The course was interactive, allowing for open and honest discussion, and ongoing approach combining clinical experience with evidence-based learning.

At the conclusion of this course, the participants should have been able to:

1) Discuss the pertinent risks and benefits to approaching augmentation and mastopexy as a simultaneous procedure vs. a staged procedure; 2) Describe and perform the operative steps in simultaneous augmentation mastopexy; 3) Review and analyze their own preoperative assessment and counseling for a patient considering augmentation mastopexy; and 4) Plan and provide appropriate postoperative care of an augmentation mastopexy patient.

2) **ACLS/CPR Training Course Part 1 & 2**  
Upon successful completion of this course participants should have been able to:

- Recognize and initiate early management of periarrest conditions that may result in cardiac arrest or complicates resuscitation outcome
- Demonstrate proficiency in providing BLS care, including prioritizing chest compressions and integrating automated external defibrillator (AED) use
- Recognize and manage respiratory arrest
- Recognize and manage cardiac arrest until termination of resuscitation or transfer of care, including immediate post-cardiac arrest care
- Recognize and initiate early management of ACS, including appropriate disposition
- Recognize and initiate early management of stroke, including appropriate disposition
- Demonstrate effective communication as a member or leader of a resuscitation team and recognize the impact of team dynamics on overall team performance

3) **Resident/Fellow Course**  
**The Business of Plastic Surgery: Are you in it to win, or are you in it not to lose?**  
**M. Bradley Calobrace, MD** – Aesthetic Society’s Traveling Professor

The etiology, prevention and management of complications in Breast Augmentation.

4) **Mindfulness: A Powerful Response to Burnout & Work-Life Balance (non-CME course)**  
**David Weinberg & Karin Pflueger**

**Note:** All speakers disclosed any potential conflict(s) of interest prior to the 2017 CSPS Annual Meeting. All disclosures were reviewed and went through a Resolution of Conflict of Interest process. All disclosures were printed in the program materials and in addition, were also indicated at the podium – either verbally and/or in their PowerPoint presentation.
CLINICAL/PEARLS PAPERS

SCOPE OF PRACTICE PAPERS

1) WHAT IS THE BIGGEST PROBLEM IN PLASTIC SURGERY? A REVIEW FROM INTERVIEWS WITH 234 ACADEMIC PLASTIC SURGEONS
   Travis Joseph Miller, MD

2) PLASTIC SURGEON WANNAKES: DANGER OF NON-CORE AESTHETIC PROVIDERS
   Nirav Patel, MD, BS, MS, JD
   Demetrious Coombs, BS & Lee L.Q. Pu, MD, PhD, FACS

3) HOW TO WEED OUT PRICE SHOPPERS AND TIRE KICKERS!
   Jonathan Kaplan, MD, MPH

4) INFORMATION SOURCES IN PLASTIC SURGERY DECISION-MAKING
   Nisha Parmeshwar, BS, Chris M. Reid, MD, Michael G. Brandel, BA, Marek K. Dobke, MD & Amanda A. Gosman, MD

5) A LONGITUDINAL LOOK AT RESIDENT COSMETIC EXPERIENCE
   Charlie Chen, MD, Marek K. Dobke, MD & Amanda A. Gosman, MD

6) CAN A TWO-DAY COURSE TEACH ORTHOPAEDIC SURGEONS ROTATIONAL FLAP PROCEDURES?: AN INITIAL EVALUATION OF THE NEPAL SMART COURSE
   Joseph Carey, MD, Devin J. Conway, David Shearer, Michael Terry, MD, Peeyush Dalal, MD, Rishi Bisht, MD, Binod Sherchan, MD, Arjun Lamichhane, MD, Bibek Banskota, MD & Justin Gillenwater, MD

7) THE “AESTHETIC EYE” DOES FORMAL ART TRAINING HELP?
   Michael C. Mirmanesh, MD & Michael S Wong, MD

BREAST SURGERY PAPERS

8) A CRITICAL ANALYSIS OF OUTCOMES FOLLOWING AUGMENTATION OF AUTOLOGOUS BREAST RECONSTRUCTION
   Merisa Piper, MD, Rachel Lentz, MD, Jacquelyn Withers, MD & Hani Sbitany, MD

9) MASTECTOMY SKIN NECROSIS FOLLOWING BREAST RECONSTRUCTION: A COMPARATIVE ANALYSIS BETWEEN AUTOLOGOUS RECONSTRUCTION AND IMPLANT-BASED RECONSTRUCTION
   Beatrice J. Sun, BS, Gloria R. Sue, MD, Gordon K. Lee, MD

10) PREDICTING THE INCIDENCE OF SURGICAL SITE INFECTIONS AFTER TOTAL SKIN-SAVING MASTECTOMY WITH IMMEDIATE BREAST RECONSTRUCTION
    Frederick Wang, MD, Natalie Hall, BA & Hani Sbitany, MD

11) DIRECT-TO-IMPLANT RECONSTRUCTION AFTER NIPPLE-SPARING MASTECTOMY: IS SINGLE-STAGE ACHIEVABLE? A REVIEW OF 202 CASES
    Madeleine Burg, BA, Wai-Yee Li, MD, PhD & James S. Andersen, MD, FACS

12) A PRIMARY COMPARISON OF PERIOPERATIVE MASTECTOMY COMPLICATIONS BY INDICATION FOR SURGERY
    Chris M. Reid, MD, Michael G. Brandel, BA, Jonathan T. Unkert, MD & Amanda A. Gosman, MD

13) CLASSIFICATION AND MANAGEMENT OF CONGENITAL BREAST ANOMALIES
    Chinwe Kpaduwa, MD, Anthony Kordahi, MD, Ann Schoenbrunner, MAS & Amanda A. Gosman, MD

FACETRANSFORMERS

14) USING AUGMENTED REALITY TO REMOTELY TEACH CLEFT SURGERY: BUILDING LONGTERM INTERNATIONAL CAPACITY AND SUSTAINABILITY
    Gennaya Mattison, MD & Raj Vyas, MD

15) DESCRIPTION OF MEXICAN CLEFT SURGEONS EXPERIENCE WITH FOREIGN SURGICAL VOLUME MISSIONS IN MEXICO
    Anna Schoenbrunner, MAS, Kristen Kelley, MAS, Joyce McIntyre, MD, Alicia Sigler, MD & Amanda A. Gosman, MD

16) SURGEON CHARACTERISTICS IMPACTING PRIMARY CLEFT PALATE REPAIR
    Chris M. Reid, MD, Michael G. Brandel, BA, Mathew J Whittaker, BS & Amanda A. Gosman, MD

17) THE QUALITY OF SYSTEMATIC REVIEWS IN HEAD AND NECK MICRO SURGERY: PLASTIC SURGERY AND OTOLARYNGOLOGY
    Beatrice J. Sun, BS, Jonathan Tijerina, BS, MA, Rahim S. Nazerali, MD, MHS & Gordon K. Lee, MD

18) “TRANSECTUAL IMPAHLING WITH A RAILROAD SPIKE – MANAGEMENT EXPLORED”
    Dattesh Dave, MD, MSc, Clark Chen, MD, Marek Dobke, MD & Ahmed Suliman, MD

RECONSTRUCTION & CLINICAL PAPERS

19) THE MODIFIED DORSAL NASAL FLAP: REVISITING THE NECESSITY OF THE GLABELLAR EXTENSION (A TECHNICAL NOTE)
    David Nguyen, MD, James Roring, MD & Subhas Gupta, MD, CM, PhD, FRSCC, FACS

20) PREDICTORS OF WOUND INFECTIO N AFTER SARCOMA RESECTION: AN ANALYSIS OF 117 PATIENTS
    David P. Perrault, BS, Gene K. Lee, MD, MPH, Antoine Lyonel Carre, MD, MPH, Roy Yu, BS, Anmol Chattha, BS, Antoun Bouz, BS, Austin J. Pourmoussa, MA, Maxwell Johnson, MS, Daniel Gardner, BS, Athanasios Bramos, MD, Joseph N. Carey, MD, Lawrence R. Menendez, MD, FACS & Alex K. Wong, MD, FACS

21) TAKE A STEP DOWN THE LADDER, TO PUT YOUR BEST FOOT FORWARD: LIMB SALVAGE WHEN NO FREE FLAP IS ALLOWED. UNCONVENTIONAL OPTIONS FOR SUCCESS IN HIGH RISK VETERANS
    Richard Bodor, MD, Bryan Nguyen, BS, Sarek Shen, BS & Kevin Broder, MD

22) CLINICAL OUTCOMES FOLLOWING LOWER EXTREMITY SOFT-TISSUE RECONSTRUCTION WITH PEDICLE FLAPS: A REVIEW OF 978 CASES
    Katharine M. Hinchcliff, MD & Lee L.Q. Pu, MD, PhD

23) PERFORATOR-PLUS SKIN ROTATION FLAP: ANOTHER ALTERNATIVE OPTION FOR SOFT TISSUE COVERAGE OF A LOWER EXTREMITY WOUND
    Bing Song, MD & Lee L.Q. Pu, MD, PhD

24) MECHANICAL PROCESSING OF EMULSIFIED LIPOASPIRATE RESULTS IN A DOSE DEPENDENT INCREASE OF STEM CELL MARKERS AND POPULATIONS
    Derek A. Banyard, MBA, Christos N. Sarantopoulos, BS, Ryan S. Chiang, BS, Anna A. Borovikova, MD, Xiaolong Qiu, BS, MS, Garrett A. Wirth, MD, MS & Kiyanoosh Z. Paydar, M D, Jered B. Haun, PhD, Gregory R.D. Evans, MD & Alan D. Widgerow, MBChB, MMEd