

10th Biennial World Society for Simulation Surgery Symposium In Conjunction with 96th American Society of Plastic Surgery

President

: Arun Gosain MD. (Professor of Surgery, Northwestern University, USA)

Secretary General

: Akira Yamada MD. (Professor of Surgery, Northwestern University, USA)

Board Members

: Jong Woo Choi (Korea), Gaby Doumit (Canada) , Tomohisa Nagasao (Japan) ,
Howard Levinson(USA) , John VanAalst (USA)

Date

: Sunday, September 30, 2018

Place

: McCormick Place, Chicago, Illinois, USA

8:00 – 9:45am:	WSSS Panel 1 “Recent Advances in Simulation Surgery: Current and Future Applications.” <i>Moderator: Howard Levinson, MD Panelists: John Van Aalst, MD, Sue Jordan, MD, Jong-Woo (JW) Choi, MD, Derek Steinbacher, MD</i>
9:45 – 10:00am:	Break
10:00 – 11:00am:	Keynote Lecture “Prediction of Body Shape with Biomechanical Techniques” <i>Tomohisa Nagasao, MD</i>
11:00am – 12:00pm:	WSSS Panel 2 “Pioneering Craniofacial Surgery and the Role of Simulation Surgery” <i>Moderator: Arun Gosain, MD Panelists: Keith E Salyer, MD, Joseph McCarthy, MD</i>

- 12:00 – 1:30pm: WSSS Business Meeting (Invitation Only)
Lunch Break (Exhibit Hall)
- 1:30 – 3:00pm: PSF President’s Panel | **“The Role of Plastic Surgeons in the Delivery of Global Health Care: Assessing the needs and finding the optimal model to meet these needs.”**
Moderator: Arun Gosain, MD | Panelists: Christopher (Alex) Campbell, MD, James Chang, MD, Scott Corlew, MD, Goran Jovic, MD
- 3:00 – 4:00pm: Afternoon Break/Exhibits
- 4:00 – 6:20pm: **Session 1: 4:00 – 5:10 pm | Co-Moderators: John VanAalst, MD & Akira Yamada, MD**
Application of Finite Element Analysis to Predict Skin | Sergey Turin, MD
Development and evaluation of high fidelity surgical simulators | Dale Podolsky, MD
Development of a novel template for the planning and facilitation of fronto-orbital remodeling | Eisuke Watanabe, MD
Airway volume Simulation in Virtual Surgical Mandibular Distraction: A Cohort Study | Laura Humphries, MD
Touch Surgery: A 21st century platform for surgical training | Ari Mandler, MD
Free Paper Discussion
Analysis of cranial morphology of Japanese healthy infants using homologous modeling | Makoto Hikosaka, MD
Microsoft Kinect V2 as an alternative grading system for facial paralysis | Yohei Sotsuka, MD
The use of Computer-Aided Design and Manufacturing in Acute Mandibular Trauma Reconstruction | Thomas Xu
Conformity of the Actual to Planning Result in Orthognathic Surgery | Kyle Gabrick, MD
Virtual Surgical Planning in Craniofacial Reconstruction: an Evidence-based Update and Workflow Analysis | Kristopher Day
Free Paper Discussion
- Session 2: 5:10 – 6:20pm | Co-Moderators: Howard Levinson MD, MD & Akira Yamada, MD**
Virtual Surgical Planning for Correction of Delayed Presentation Scaphocephaly Using a Modified Melbourne Technique | Thomas Xu
A New Colored Solid Model for Simulation Surgery: It is made of salt | Yoshiaki Sakamoto
Is the sphenoquamosal suture related to the cranial deformity in Plagiocephaly? | Masashi Takemaru

Teaching Breast Aesthetics Using A Sculpture-Based Simulation Workshop |
Lauren Nigro, MD

Photoacoustic Imaging for the Planning of Lymphaticovenular Anastomosis:
A Case Report | Anna Oh, MD

Virtual Reality and Augmented Reality Technology in Neurosurgery |
Tomohisa Miyagi, MD

Increasing Opportunities for Active Experimentation in Residency Using
Simulation: A revised cleft lip education curriculum | Francesca Saldanha,
MD

Reconstruction of a Hemirhinectomy Defect Using a 3D Printed Custom Soft
Tissue Cutting Guide | Jonathan Brower, MD

Advanced Microsurgical Trainer for Breast Reconstruction | Morgan Yacoe,
MD

Free Paper Discussion

6:00-8:00 ASMS Presidential Reception

Sheraton Hotel