2019 SAVE THE DATE

14th Annual Academic Surgical Congress

February 5-7, 2019
Hilton Americas - Houston, Texas

For more information, visit www.academicalsurgicalcongress.org.
Tuesday, February 5, 2019

CONTROL NUMBER: ASC20191706
ABSTRACT TITLE: Insurance-Based Differences in Outcomes and Costs for Injured Patients
AUTHOR / INSTITUTION LIST: A. A. Swanger1, L. M. Knowlton1, L. Tennakoon1, K. L. Staudenmayer1, 2Stanford University, Palo Alto, CA, USA
PRESENTER: Alex Swanger
SESSION: 8 - Clinical/Outcomes: Disparities and Access to Care QuickShot Session
SESSION DATE: Tuesday, February 05, 2019 | 7:30 AM - 9:30 AM
PROGRAM NUMBER: 08.14
ROOM: 346.A

CONTROL NUMBER: ASC20190993
ABSTRACT TITLE: Universal SURPAS Surgical Risk Calculators Have Poor Accuracy for Total Joint Replacement Procedures
AUTHOR / INSTITUTION LIST: A. H. Trickey1, Q. Ding1, A. Seyfried1, 2Stanford University, Stanford-Surgery Policy Improvement Research And Education (S-SPIRE) Center, Department Of Surgery, Palo Alto, CA, USA 3VA Palo Alto Healthcare Systems, Center For Innovation To Implementation, Palo Alto, CA, USA
PRESENTER: Amber Trickey
SESSION: 11 - Clinical/Outcomes: Health Informatics QuickShot Session
SESSION DATE: Tuesday, February 05, 2019 | 7:30 AM - 9:30 AM
PROGRAM NUMBER: 11.01
ROOM: 346.A

CONTROL NUMBER: ASC20191258
ABSTRACT TITLE: Association of Post-operative Opioid Use With Pre-Operative Opioid Exposure
AUTHOR / INSTITUTION LIST: A. L. Titan1, L. Graham1, T. Hernandez-Bousnard1, E. Dasinger2, J. Richman1, L. Carrol1, M. Morris1, M. T. Hawn1, 2Stanford University, Palo Alto, CA, USA 3University Of Alabama at Birmingham, Birmingham, Alabama, USA
PRESENTER: Ashley Titan
SESSION: 11 - Clinical/Outcomes: Health Informatics QuickShot Session
SESSION DATE: Tuesday, February 05, 2019 | 7:30 AM - 9:30 AM
PROGRAM NUMBER: 11.07
ROOM: 346.A

CONTROL NUMBER: ASC20191703
ABSTRACT TITLE: Screening Surgical Residents’ Laparoscopic Skills: Who Needs More Time in the Sim Lab?
AUTHOR / INSTITUTION LIST: K. H. Perrone1, H. Mohamadianfaz1, J. Nathwani2, C. Parthiban2, K. Peterson2, B. Wise1, A. Garmar2, C. Pugh1, 2Stanford University, Palo Alto, CA, USA 3University Of Wisconsin, Madison, WI, USA
PRESENTER: Kenneth Perrone
SESSION: 19 - Education QuickShot Session 1
SESSION DATE: Tuesday, February 05, 2019 | 7:30 AM - 9:30 AM
PROGRAM NUMBER: 19.06
ROOM: 344.A

CONTROL NUMBER: ASC20191451
ABSTRACT TITLE: Perioperative Educational Time Out: Building an Educational Framework
AUTHOR / INSTITUTION LIST: M. M. Esquivel1, I. Wapnick1, R. Yang1, M. L. Melcher1, 2Stanford University, General Surgery, Palo Alto, CA, USA
PRESENTER: Micela Esquivel
SESSION: 20 - Education QuickShot Session 2
SESSION DATE: Tuesday, February 05, 2019 | 7:30 AM - 9:30 AM
PROGRAM NUMBER: 20.19
ROOM: 344.B

11:40 AM - 1:00 PM
This session is designed for those members of academic surgical departments, who are invested in improving the learning and working environment for both trainees and faculty of all levels. A panel including key stakeholders of the surgical team will be assembled to discuss perspectives and initiatives to address this sensitive, but timely and important issue.
Session Introduction – Tara Kent, MD, MS
Perspective of Someone Within and Without – Julie Freischlag, MD
Chair’s Perspective – Mary Hawn, MD
Empowering Others – Waddah Al-Refaie, MD
Tips and Tools – Rebecca Miller, MD
Panel Discussion – Danny Chu, MD, Julie Freischlag, MD, Mary Hawn, MD, Benjamin James, MD, MS, and Tara Kent, MD, MS
At the conclusion of this session, participants will be able to:
• Define mistreatment and the role of hostility and abuse in creating a negative working and learning environments; understand the impact of a hostile work/learning environment on professional satisfaction, career advancement, mental health and well-being.
• Understand the concepts relating to behavior in the hospital/academic department as components of professionalism.
• Modify or tailor behavior and professional interactions to avoid mistreatment/professional bullying and to create a more positive environment.
• Identify means of addressing or reporting professional bullying/hostility or abuse in the workplace from leadership perspective, and from the victim’s perspective.

Surgery in austere and significantly resource-limited environments presents multiple challenges to even the most experienced providers, and frequently calls for innovative approaches that may differ significantly from practices in more well-resourced settings. In the setting of an active conflict, multiple additional factors and considerations are introduced that greatly complicate the provision of high-quality and effective medical and surgical care. These challenges also frequently go beyond standard medical and surgical technique and decision making, and involve difficult ethical, moral, and medicolegal considerations. This session will focus on real case-based scenarios presented by expert speakers with personal experience providing both emergency and humanitarian surgical care in zones of active conflict. The speakers will include representatives from both military and civilian organizations, and cases will be presented to a diverse panel of experts for discussion and debate.
Bringing a Knife to a Gunfight: Surgical Standards of Care in a War Zone – Jason Bingham, MD
To Co or Not to Co: Obstetrical Emergency and Conflicts of Consent – Sherry Wren, MD
Pediatric Emergencies Treated in an Adult Tent – Matthew Martin, MD
Life Goes On...Cancer Surgery in Occupied Palestine – Kristin Long, MD
Medical Care for a VIP – Very Important Prisoner! – Alec Beekley, MD
Panel and Audience Discussion – All Speakers
At the conclusion of this session, participants will be able to:
• Articulate at least 3 unique considerations when delivering surgical care in a conflict zone.
• Distinguish medical ethical principles and actions from the local medial rules of engagement.
• Compare and contrast the priorities of care delivered by military versus civilian organizations in conflict zones.
• Differentiate patient autonomous versus paternalistic practices in obtaining informed consent for surgery in austere environments.

• Select the optimal courses of action when presented with cases involving conflicting priorities for the use of scarce medical resources in austere and conflict zone settings.

2:30 – 3:00 PM — SUS Joel J. Roslyn Lecture: “Why We Rise”
George Yang, MD, PhD
Vice Chair, VA Affairs Associate Chief of Staff, VA Surgical Services Professor, University of Alabama – Birmingham School of Medicine & Stanford General Surgery Alumnus

4:00 – 5:30 PM — Education Committee Session: “My First 100 Days – Successes (and Failures) in Change Management”
The joint Education Committees continue to focus on educating surgical leaders on topics related to organizational culture. In this session, we will equip the surgical leader with the skills of change management – those necessary to establish and maintain an intentional culture within his or her (new) work environment.

The Culture of Surgical Education – Guillermo Escobar, MD
Lessons Learned from a Division Chief – Gregory Kennedy, MD, PhD
Lessons Learned from a Department Chair – Mary Hawn, MD

At the conclusion of this session, participants will be able to:
• Implement examples of successful strategies in implementing leadership change.
• Discriminate examples of failed leadership change and potential solutions (‘lessons learned’) that could have led to success.
• Convey the impact of understanding the institutional environment when implementing change.

Wednesday, February 6, 2019

CONTROL NUMBER: ASC20190044
ABSTRACT TITLE: CD146+ Adipose-Derived Stromal Cells (ASCs) Have Enhanced Regenerative Effects
AUTHOR / INSTITUTION LIST: M. R. Borrelli1, C. Blackshear2, S. Vistnes2, R. Patel1, M. Longaker1, D. C. Wan1 1Stanford University, Palo Alto, CA, USA
PRESENTER: Mimi Borrelli
SESSION: 26-Basic Science: Pediatrics Oral Session
SESSION DATE: Wednesday, February 06, 2019 | 7:30 AM - 9:30 AM
PROGRAM NUMBER: 26.10
ROOM: 329

CONTROL NUMBER: ASC20191430
ABSTRACT TITLE: Postoperative Analgesia after Iliac Crest Bone Graft Harvest using Liposomal Bupivacaine
AUTHOR / INSTITUTION LIST: R. Patel1, M. R. Borrelli1, K. Rustad1, B. Pridgen1, A. Momeni1, H. P. Lorentz1, D. C. Wan1 1Stanford University, Palo Alto, CA, USA
PRESENTER: Ronak Patel
SESSION: 29-Clinical/Outcomes: Breast and Plastics Oral Session
SESSION DATE: Wednesday, February 06, 2019 | 7:30 AM - 9:30 AM
PROGRAM NUMBER: 29.09
ROOM: 335.C
FULL ABSTRACT: https://eventpilotadmin.com/web/page.php?page=intHTML&project=ASC19&id=29.09

CONTROL NUMBER: ASC20191135
AUTHOR / INSTITUTION LIST: A. Valencia1, D. E. Azagury1, L. Vollert1, T. E. Mokhtar1, P. Pradhan2, N. Strauch1, S. Koontz1, J. Morton1 1Stanford University, Surgery, Palo Alto, CA, USA
PRESENTER: Areli Valencia
SESSION: 61-Clinical/Outcomes: Upper GI/Bariatric QuickShot Session
SESSION DATE: Wednesday, February 06, 2019 | 2:45 PM - 4:45 PM
PROGRAM NUMBER: 61.03
ROOM: 343.B
FULL ABSTRACT: https://eventpilotadmin.com/web/page.php?page=intHTML&project=ASC19&id=61.03
Thursday, February 7, 2019

CONTROL NUMBER: ASC20190477
ABSTRACT TITLE: Neureodilatoma Tumor Growth Suppression with Locally Implanted Cisplatin-Loaded Reservoirs
AUTHOR / INSTITUTION LIST: J. S. Taylor, B. Yavo, J. Zeki, K. Harrington, J. M. Coburn, N. Ikegaki, D. L. Kaplan, B. Chu, 1, 1.5 Stanford University, Pediatric Surgery / Surgery / Stanford School Of Medicine, Stanford, CA, USA; Tufts University, Biomedical Engineering, Medford, MA, USA

SESSION DATE: Thursday, February 07, 2019 | 8:30 AM - 9:30 AM
SESSION: 86 - Basic Science: Oncology and Endocrine Oral Session
PROGRAM NUMBER: 65.06
ROOM: 328
FULL ABSTRACT: https://eventpilotadmin.com/web/page.php?page=int&project=ASC19&id=65.06

CONTROL NUMBER: ASC20191537
ABSTRACT TITLE: DE1-1 Interacts with Integrins of BCSPs to Promote Fracture Healing
AUTHOR / INSTITUTION LIST: D. M. Struck, T. V. Boyko, K. H. Mano, R. T. Longaker, C. K. Char, G. Yang, 1, 2, 3 Stanford University, Department Of Surgery, Palo Alto, CA, USA; University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA

SESSION DATE: Thursday, February 07, 2019 | 7:30 AM - 9:30 AM
SESSION: 66 - Basic Science: Plastics and Cross Disciplinary Oral Session
PROGRAM NUMBER: 66.04
ROOM: 329

CONTROL NUMBER: ASC20191660
ABSTRACT TITLE: Human Abdominal Adhesion Fibroblasts Uregulate PDGFRa Surface Expression and EMT Pathway Genes

SESSION DATE: Thursday, February 07, 2019 | 9:30 AM - 11:30 AM
SESSION: 66 - Basic Science: Plastics and Cross Disciplinary Oral Session
PROGRAM NUMBER: 66.05
ROOM: 329
FULL ABSTRACT: https://eventpilotadmin.com/web/page.php?page=int&project=ASC19&id=66.05

CONTROL NUMBER: ASC20191405
ABSTRACT TITLE: A Mouse Model of Radiation-Induced Limb Contracture which is Rescued by Fat Grafting

SESSION DATE: Thursday, February 07, 2019 | 9:30 AM - 11:30 AM
SESSION: 66 - Basic Science: Plastics and Cross Disciplinary Oral Session
PROGRAM NUMBER: 66.07
ROOM: 329
FULL ABSTRACT: https://eventpilotadmin.com/web/page.php?page=int&project=ASC19&id=66.07

CONTROL NUMBER: ASC20191851
ABSTRACT TITLE: Can VR be used to track skills decay during the research year?
AUTHOR / INSTITUTION LIST: H. Mohamadpadah, K. H. Perrone, B. Wise, C. Pugh, M. Zago, A. Wilt, C. Pugh, Stanford University, Palo Alto, CA, USA; University Of Wisconsin, Madison, WI, USA

SESSION DATE: Thursday, February 07, 2019 | 9:30 AM - 11:30 AM
SESSION: 82 - Education: Simulation Oral Session
PROGRAM NUMBER: 82.01
ROOM: 34A
FULL ABSTRACT: https://eventpilotadmin.com/web/page.php?page=int&project=ASC19&id=82.01

CONTROL NUMBER: ASC20191574
ABSTRACT TITLE: IQGAP1/Rho-GTPase mechanotransduction pathway mediates adverse implant-tissue interactions

SESSION DATE: Thursday, February 07, 2019 | 1:40 PM - 3:40 PM
SESSION: 86 - Basic Science: General Surgery QuizShot Session
PROGRAM NUMBER: 86.15
ROOM: 327
FULL ABSTRACT: https://eventpilotadmin.com/web/page.php?page=int&project=ASC19&id=86.15

CONTROL NUMBER: ASC20190160
ABSTRACT TITLE: Underdeveloped Intestinal Mitochondria Contributes To Metabolic Injury in Newborn Gut
AUTHOR / INSTITUTION LIST: K. Wang, Z. Sun, G. Tan, P. Lin, J. Dunn, K. Sylvestre, Stanford University, Department Of Surgery, School Of Medicine, Palo Alto, CA, USA; First Hospital of China Medical University, Gastrointestinal Surgery, Shenyang, LIAONING, China

SESSION DATE: Thursday, February 07, 2019 | 1:40 PM - 3:40 PM
SESSION: 87 - Basic Science: Pediatrics QuizShot Session
PROGRAM NUMBER: 87.11
ROOM: 328
FULL ABSTRACT: https://eventpilotadmin.com/web/page.php?page=int&project=ASC19&id=87.11
Full Abstract: Assessment of Dexterity on Suturing Boards Predicts Open and Laparoscopic Ability

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ABSTRACT TITLE: Beyond Cross-Sectional Assessments: Can Virtual Reality Serve as a Longitudinal Skills Assessment?


FULL ABSTRACT: Beyond Cross-Sectional Assessments: Can Virtual Reality Serve as a Longitudinal Skills Assessment?

ABSTRACT TITLE: The Todani Classification is Widely Adopted but Not Useful

AUTHOR / INSTITUTION LIST: J. S. Taylor, S. Madhavan, J. M. Chandler, S. D. Chao

FULL ABSTRACT: The Todani Classification is Widely Adopted but Not Useful

ABSTRACT TITLE: Financial Burden of Initial Hospitalizations for Pediatric Firearm Injuries in the United States

AUTHOR / INSTITUTION LIST: Jordan Taylor

FULL ABSTRACT: Financial Burden of Initial Hospitalizations for Pediatric Firearm Injuries in the United States