

2019 **SAVE THE DATE**

# 14<sup>th</sup> Annual Academic Surgical Congress

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



# SURGERY

For more information, visit [www.academicalsurgicalcongress.org](http://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. Swanger<sup>1</sup>, L. M. Knowlton<sup>1</sup>, L. Tennakoon<sup>1</sup>, K. L. Staudenmayer<sup>1</sup> <sup>1</sup>Stanford 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:** 336.A

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=08.14>

**CONTROL NUMBER:** ASC20190993

**ABSTRACT TITLE:** Universal SURPAS Surgical Risk Calculators Have Poor Accuracy for Total Joint Replacement Procedures

**AUTHOR / INSTITUTION LIST:** A. W. Trickey<sup>1</sup>, Q. Ding<sup>1</sup>, A. Sox-Harris<sup>1,2</sup> <sup>1</sup>Stanford University, Stanford-Surgery Policy Improvement Research And Education (S-SPIRE) Center, Department Of Surgery, Palo Alto, CA, USA <sup>2</sup>VA 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:** 338

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=11.01>

**CONTROL NUMBER:** ASC20191258

**ABSTRACT TITLE:** Association of Post-operative Opioid Use With Pre-Operative Opioid Exposure

**AUTHOR / INSTITUTION LIST:** A. L. Titan<sup>1</sup>, L. Graham<sup>1</sup>, T. Hernandez-Boussard<sup>1</sup>, E. Dasinger<sup>2</sup>, J. Richman<sup>2</sup>, I. Carroll<sup>1</sup>, M. Morris<sup>2</sup>, M. T. Hawn<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA <sup>2</sup>University 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:** 338

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=11.07>

**CONTROL NUMBER:** ASC20191703

**ABSTRACT TITLE:** Screening Surgical Residents' Laparoscopic Skills: Who Needs More Time in the Sim Lab?

**AUTHOR / INSTITUTION LIST:** K. H. Perrone<sup>1</sup>, H. Mohamadipannah<sup>1</sup>, J. Nathwani<sup>2</sup>, C. Parthiban<sup>2</sup>, K. Peterson<sup>2</sup>, B. Wise<sup>1</sup>, A. Garren<sup>2</sup>, C. Pugh<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA <sup>2</sup>University 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

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=19.06>

**CONTROL NUMBER:** ASC20191451

**ABSTRACT TITLE:** Perioperative Educational Time Out: Building an Educational Framework

**AUTHOR / INSTITUTION LIST:** M. M. Esquivel<sup>1</sup>, I. Wapnir<sup>1</sup>, R. Yang<sup>1</sup>, M. L. Melcher<sup>1</sup> <sup>1</sup>Stanford University, General Surgery, Palo Alto, CA, USA

**PRESENTER:** Micaela 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

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=20.19>

11:40 AM – 1:00 PM

**Hot Topic Lunch Session 1: "Overcoming Hostile Work and Learning Environment in Academic Surgery: Tools for Change at Every Level"**

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-Refai, MD**

**Tips and Tools – Rebecca Minter, 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.

**Lunch Session 2: AAS Military Task Force Session: "Emergency and Humanitarian Surgery in Conflict Zones: Cases, Conundrums, and Compromises"**

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 casebased 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 C or Not to C: 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.

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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

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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

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**CONTROL NUMBER:** ASC20192044

**ABSTRACT TITLE:** CD146+ Adipose-Derived Stromal Cells (ASCs) Have Enhanced Regenerative Effects

**AUTHOR / INSTITUTION LIST:** M. R. Borrelli<sup>1</sup>, C. Blackshear<sup>1</sup>, S. Vistnes<sup>1</sup>, R. Patel<sup>1</sup>, M. Longaker<sup>1</sup>, D. C. Wan<sup>1</sup><sup>1</sup>Stanford 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

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=26.10>

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**CONTROL NUMBER:** ASC20191430

**ABSTRACT TITLE:** Postoperative Analgesia after Iliac Crest Bone Graft Harvest using Liposomal Bupivacaine

**AUTHOR / INSTITUTION LIST:** R. Patel<sup>1</sup>, M. R. Borrelli<sup>1</sup>, K. Rustad<sup>1</sup>, B. Pridgen<sup>1</sup>, A. Momeni<sup>1</sup>, H. P. Lorenz<sup>1</sup>, S. Virk<sup>1</sup>, D. C. Wan<sup>1</sup><sup>1</sup>Stanford 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>

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**CONTROL NUMBER:** ASC20191115

**ABSTRACT TITLE:** Endoscopic Gastro-Jejunostomy Outlet Reduction (EGOR) after Roux-en-Y gastric bypass: Is it worth it?

**AUTHOR / INSTITUTION LIST:** A. Valencia<sup>1</sup>, D. E. Azagury<sup>1</sup>, L. Voller<sup>1</sup>, T. E. Mokhtari<sup>1</sup>, P. Pradhan<sup>1</sup>, N. Strauch<sup>1</sup>, S. Koontz<sup>1</sup>, J. Morton<sup>1</sup><sup>1</sup>Stanford 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>

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Thursday, February 7, 2019

**CONTROL NUMBER:** ASC20190477

**ABSTRACT TITLE:** Neuroblastoma Tumor Growth Suppression with Locally Implanted Cisplatin-Loaded Reservoirs

**AUTHOR / INSTITUTION LIST:** J. S. Taylor<sup>1</sup>, B. Yavuz<sup>3</sup>, J. Zeki<sup>1</sup>, K. Harrington<sup>3</sup>, J. M. Coburn<sup>3</sup>, N. Ikegaki<sup>5</sup>, D. L. Kaplan<sup>3</sup>, B. Chiu<sup>1,5</sup> <sup>1</sup>Stanford University, Pediatric Surgery / Surgery / Stanford School Of Medicine, Stanford, CA, USA <sup>3</sup>Tufts University, Biomedical Engineering, Medford, MA, USA <sup>4</sup>University Of Illinois At Chicago, Surgery, Chicago, IL, USA <sup>5</sup>University Of Illinois At Chicago, Anatomy And Cell Biology, Chicago, IL, USA

**PRESENTER:** Jordan Taylor

**SESSION:** 65 - Basic Science: Oncology and Endocrine Oral Session

**SESSION DATE:** Thursday, February 07, 2019 | 7:30 AM - 9:30 AM

**PROGRAM NUMBER:** 65.06

**ROOM:** 328

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=65.06>

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**CONTROL NUMBER:** ASC20191537

**ABSTRACT TITLE:** DEL-1 Interacts with Integrins of BCSPs to Promote Fracture Healing

**AUTHOR / INSTITUTION LIST:** D. M. Struck<sup>1</sup>, T. V. Boyko<sup>1</sup>, R. K. Mann<sup>4</sup>, M. T. Longaker<sup>4</sup>, C. K. Chan<sup>4</sup>, G. Yang<sup>1,2,3</sup> <sup>1</sup>Stanford University, Department Of Surgery, Palo Alto, CA, USA <sup>2</sup>University Of Alabama at Birmingham, Department Of Surgery, Birmingham, Alabama, USA <sup>3</sup>Birmingham VA Medical Center, Birmingham, ALABAMA, USA <sup>4</sup>Stanford University, Stanford University School Of Medicine, Palo Alto, CA, USA **PRESENTER:** Danielle Struck

**SESSION:** 66 - Basic Science: Plastics and Cross Disciplinary Oral Session

**SESSION DATE:** Thursday, February 07, 2019 | 7:30 AM - 9:30 AM

**PROGRAM NUMBER:** 66.04

**ROOM:** 329

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=66.04>

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**CONTROL NUMBER:** ASC20191660

**ABSTRACT TITLE:** Human Abdominal Adhesion Fibroblasts Upregulate PDGFRa Surface Expression and EMT Pathway Genes

**AUTHOR / INSTITUTION LIST:** D. S. Foster<sup>1,2</sup>, C. D. Marshall<sup>1,2</sup>, G. Gulati<sup>1</sup>, R. E. Jones<sup>1</sup>, A. Titan<sup>1,2</sup>, A. Nguyen<sup>1</sup>, A. Salhotra<sup>1</sup>, R. C. Ransom<sup>1</sup>, S. Mascharak<sup>1</sup>, R. E. Brewer<sup>1</sup>, J. A. Norton<sup>1,2</sup>, C. J. Kin<sup>2</sup>, A. A. Shelton<sup>2</sup>, M. T. Longaker<sup>1</sup> <sup>1</sup>Stanford University, Hagey Laboratory For Pediatric Regenerative Medicine, Stanford, CA, USA <sup>2</sup>Stanford University, General Surgery, Palo Alto, CA, USA

**PRESENTER:** Deshka Foster

**SESSION:** 66 - Basic Science: Plastics and Cross Disciplinary Oral Session

**SESSION DATE:** Thursday, February 07, 2019 | 7:30 AM - 9:30 AM

**PROGRAM NUMBER:** 66.05

**ROOM:** 329

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=66.05>

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**CONTROL NUMBER:** ASC20191405

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

**AUTHOR / INSTITUTION LIST:** M. R. Borrelli<sup>1</sup>, D. Irizarry<sup>1</sup>, R. E. Brewer<sup>1</sup>, R. Patel<sup>1</sup>, C. Blackshear<sup>1</sup>, J. Sokol<sup>1</sup>, A. Momeni<sup>1</sup>, M. T. Longaker<sup>1</sup>, D. C. Wan<sup>1</sup> <sup>1</sup>Stanford University, Plastic Surgery, Palo Alto, CA, USA

**PRESENTER:** Mimi Borrelli

**SESSION:** 66 - Basic Science: Plastics and Cross Disciplinary Oral Session

**SESSION DATE:** Thursday, February 07, 2019 | 7:30 AM - 9:30 AM

**PROGRAM NUMBER:** 66.07

**ROOM:** 329

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=66.07>

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**CONTROL NUMBER:** ASC20191851

**ABSTRACT TITLE:** Can VR be used to track skills decay during the research years?

**AUTHOR / INSTITUTION LIST:** H. Mohamadipanah<sup>1</sup>, K. H. Perrone<sup>1</sup>, B. Wise<sup>1</sup>, C. Parthiban<sup>2</sup>, M. Zinn<sup>2</sup>, A. Witt<sup>1</sup>, C. Pugh<sup>1</sup> <sup>1</sup>Stanford University, Palo Alto, CA, USA <sup>2</sup>University Of Wisconsin, Madison, WI, USA

**PRESENTER:** Kenneth Perrone

**SESSION:** 82 - Education: Simulation Oral Session

**SESSION DATE:** Thursday, February 07, 2019 | 7:30 AM - 9:30 AM

**PROGRAM NUMBER:** 82.01

**ROOM:** 344.A

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=82.01>

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**CONTROL NUMBER:** ASC20191574

**ABSTRACT TITLE:** IQGAP1/Rho-GTPase mechanotransduction pathway mediates adverse implant-tissue interactions

**AUTHOR / INSTITUTION LIST:** J. Padmanabhan<sup>1</sup>, T. Dohi<sup>1</sup>, Z. A. Stern-Buchbinder<sup>1</sup>, P. A. Than<sup>1</sup>, A. Trotsyuk<sup>1</sup>, S. H. Kwon<sup>1</sup>, Z. Maan<sup>1</sup>, G. C. Gurtner<sup>1</sup> <sup>1</sup>Stanford University, Surgery, Palo Alto, CA, USA

**PRESENTER:** Jagannath Padmanabhan

**SESSION:** 86 - Basic Science: General Surgery QuickShot Session

**SESSION DATE:** Thursday, February 07, 2019 | 1:40 PM - 3:40 PM

**PROGRAM NUMBER:** 86.15

**ROOM:** 327

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=86.15>

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**CONTROL NUMBER:** ASC20190160

**ABSTRACT TITLE:** Underdeveloped Intestinal Epithelial Mitochondria Contributes To Metabolic Injury In Newborn Gut

**AUTHOR / INSTITUTION LIST:** K. Wang<sup>1,2</sup>, Z. Sun<sup>1</sup>, G. Tao<sup>1</sup>, P. Lin<sup>1</sup>, J. Dunn<sup>1</sup>, K. Sylvester<sup>1</sup> <sup>1</sup>Stanford University, Department Of Surgery, School Of Medicine, Palo Alto, CA, USA <sup>2</sup>First Hospital of China Medical University, Gastrointestinal Surgery, Shenyang, LIAONING, China

**PRESENTER:** Kewei Wang

**SESSION:** 87 - Basic Science: Pediatrics QuickShot Session

**SESSION DATE:** Thursday, February 07, 2019 | 1:40 PM - 3:40 PM

**PROGRAM NUMBER:** 87.11

**ROOM:** 328

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=87.11>

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**CONTROL NUMBER:** ASC20190983

**ABSTRACT TITLE:** Disparities in Surgical Intervention for Colorectal Cancer: A SEER Analysis from 2000-2015

**AUTHOR / INSTITUTION LIST:** M. Liu<sup>1</sup>, M. Miller<sup>1</sup>, J. Bhattacharya<sup>1</sup>, C. Kin<sup>1</sup>, A. Morris<sup>1</sup><sup>1</sup>Stanford University,School Of Medicine,Palo Alto, CA, USA

**PRESENTER:** MONICA LIU

**SESSION:** 90 - Clinical/Outcomes: Colorectal, Global Surgery Disparities and Access to Care QuickShot Session

**SESSION DATE:** Thursday, February 07, 2019 | 1:40 PM - 3:40 PM

**PROGRAM NUMBER:** 90.10

**ROOM:** 335.B

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=90.10>

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**CONTROL NUMBER:** ASC20191704

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

**AUTHOR / INSTITUTION LIST:** M. M. Dua<sup>1</sup>, C. W. Jensen<sup>1</sup>, P.J. Worth<sup>1</sup>, J. A. Norton<sup>1</sup>, G. A. Poultsides<sup>1</sup>, M. Bruzoni<sup>2</sup>, B. C. Visser<sup>1</sup><sup>1</sup>Stanford University,Surgery,Palo Alto, CA, USA <sup>2</sup>Stanford University,Pediatric Surgery,Palo Alto, CA, USA

**PRESENTER:** Monica Dua

**SESSION:** 94 - Clinical/Outcomes: Hepatopancreatobiliary QuickShot Session

**SESSION DATE:** Thursday, February 07, 2019 | 1:40 PM - 3:40 PM

**PROGRAM NUMBER:** 94.18

**ROOM:** 337.B

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=94.18>

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**CONTROL NUMBER:** ASC20191013

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

**AUTHOR / INSTITUTION LIST:** J. S. Taylor<sup>1</sup>, S. Madhavan<sup>2</sup>, J. M. Chandler<sup>1</sup>, S. D. Chao<sup>1</sup><sup>1</sup>Stanford University,Pediatric Surgery / Surgery / Stanford School Of Medicine,Stanford, CA, USA <sup>2</sup>Stanford University,Statistics,Stanford, CA, USA

**PRESENTER:** Jordan Taylor

**SESSION:** 96 - Clinical/Outcomes: Pediatrics QuickShot Session 2

**SESSION DATE:** Thursday, February 07, 2019 | 1:40 PM - 3:40 PM

**PROGRAM NUMBER:** 96.12

**ROOM:** 338

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=96.12>

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**CONTROL NUMBER:** ASC20191620

**ABSTRACT TITLE:** Early Qualitative Outcomes of Clean Cut, a Lifebox Surgical Safety Improvement Program in Ethiopia

**AUTHOR / INSTITUTION LIST:** A. Mattingly<sup>1</sup>, N. Starr<sup>2,3</sup>, S. Bitew<sup>3</sup>, J. A. Forrester<sup>3,5</sup>, S. Berekyei Merrell<sup>6</sup>, T. Mammo<sup>7</sup>, T. G. Weiser<sup>3,5</sup><sup>1</sup>Stanford University,Palo Alto, CA, USA <sup>2</sup>University Of California - San Francisco,Department Of Surgery,San Francisco, CA, USA <sup>3</sup>Lifebox Foundation,Boston, MA, USA <sup>5</sup>Stanford University,Department Of Surgery,Palo Alto, CA, USA <sup>6</sup>Stanford University,Department Of Surgery, S- SPIRE,Palo Alto, CA, USA <sup>7</sup>Addis Ababa University,Department Of Pediatrics Surgery,Addis Ababa, Ethiopia

**PRESENTER:** Aviva Mattingly

**SESSION:** 98 - Clinical/Outcomes: Qualitative Research Methods QuickShot Session

**SESSION DATE:** Thursday, February 07, 2019 | 1:40 PM - 3:40 PM

**PROGRAM NUMBER:** 98.05

**ROOM:** 339.B

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=98.05>

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**CONTROL NUMBER:** ASC20191709

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

**AUTHOR / INSTITUTION LIST:** K. H. Perrone<sup>1</sup>, H. Mohamadipannah<sup>1</sup>, F. C. Huang<sup>2</sup>, M. Garren<sup>2</sup>, A. Witt<sup>1</sup>, C. Pugh<sup>1</sup><sup>1</sup>Stanford University,Palo Alto, CA, USA <sup>2</sup>University Of Wisconsin,Madison, WI, USA

**PRESENTER:** Kenneth Perrone

**SESSION:** 104 - Education QuickShot Session 5

**SESSION DATE:** Thursday, February 07, 2019 | 1:40 PM - 3:40 PM

**PROGRAM NUMBER:** 104.01

**ROOM:** 344.A

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=104.01>

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**CONTROL NUMBER:** ASC20190666

**ABSTRACT TITLE:** Assessment of Dexterity on Suturing Boards Predicts Open and Laparoscopic Ability

**AUTHOR / INSTITUTION LIST:** H. Mohamadipannah<sup>1</sup>, K. H. Perrone<sup>1</sup>, J. Nathwani<sup>2</sup>, K. Peterson<sup>2</sup>, A. Witt<sup>1</sup>, A. Garren<sup>2</sup>, C. Pugh<sup>1</sup><sup>1</sup>Stanford University,General Surgery,Palo Alto, CA, USA <sup>2</sup>University Of Wisconsin,General Surgery,Madison, WI, USA

**PRESENTER:** Kenneth Perrone

**SESSION:** 104 - Education QuickShot Session 5

**SESSION DATE:** Thursday, February 07, 2019 | 1:40 PM - 3:40 PM

**PROGRAM NUMBER:** 104.12

**ROOM:** 344.A

**FULL ABSTRACT:** <https://eventpilotadmin.com/web/page.php?page=IntHtml&project=ASC19&id=104.12>

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