



VA-ACS & VSS
2020 Annual Meeting
Kingsmill Resort | May 15 & 16, 2020

Friday, May 15

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| 2:00 p.m. – 2:45 p.m. | VSS Council Meeting
<i>Archer Room</i> |
| 3:00 p.m. – 4:00 p.m. | ACS Council Meeting
<i>Yeardley Room</i> |
| 4:15 p.m. – 5:15 p.m. | Trauma Committee Meeting
<i>Yeardley Room</i> |
| 4:15 p.m. – 5:15 p.m. | Cancer Committee Meeting
<i>Whitaker Room</i> |
| 4:15 p.m. – 5:45 p.m. | Committee on Applicants
District 1 ~ <i>Randolph Room</i>
District 2 ~ <i>Colston Room</i>
District 3 ~ <i>Archer Room</i> |
| 5:45 p.m. – 7:00 p.m. | Welcome Reception
<i>Moody's Tavern</i> |

Educational Session | Saturday, May 16

7:00 a.m. – 8:00 a.m.

Registration
Prefunction Area

7:00 a.m. – 7:45 a.m.

Continental Breakfast | Visit Exhibits | Poster Session
James River Ballroom, Salon AB

7:00 a.m. – 7:45 a.m.

Association of Women Surgeons, Virginia Chapter Breakfast
Fairfax Room

7:00 a.m. – 7:45 a.m.

Poster Session

James River Ballroom, Salon CD

7:45 a.m. – 8:00 a.m.

VA-ACS Business Meeting

8:00 a.m. – 8:45 a.m.

A Public Health Approach for Firearm Injury Prevention
Ronald M. Stewart, MD
Professor and Chair | Dr. Witten B. Russ Chair in Surgery
UT Health Science Center
San Antonio, TX

8:45 a.m. – 9:45 a.m.

Panel Discussion – Firearm Injury Prevention
Moderator: Michel Aboutanos, MD ~ *VCU Health*
Panelists: Mark Hammil, MD ~ *Carilion Clinic*
Parham Jaber, MD, MPH ~ *VA Department of Health*
Ronald Stewart, MD ~ *UT Health Science Center*
Leonard Weireter, MD ~ *Eastern Virginia Medical School*

9:45 a.m. – 9:50 a.m.

Predictive Value of the Methicillin-Resistant Staphylococcus Aureus (MRSA) Nasal Swab for MRSA Ventilator Associated Pneumonia (VAP) in the Trauma Patient
Joshua Stodghill, DO, April Finnigan, PharmD, Anna Newcomb PhD LCSW, Elena Lita BS, Chang Lui PhD MA, Erik Teicher MD FACS
Inova Fairfax Medical Campus

9:50 a.m. – 10:00 a.m.

Bigger – Lehman Award Winner – 1st Place

Safety of Major Abdominal Operations in the Elderly: A Study of Geriatric-specific Determinants of Health

Allison N. Martin, MD MPH¹, Darian Hoagland, BS¹, Florence E. Turrentine, PhD, RN^{1,3}, R. Scott Jones, MD MS FACS^{1,3}, Victor M. Zaydfudim, MD MPH FACS^{1,2,3}

¹*Department of Surgery, University of Virginia*

²*Division of Surgical Oncology, Section of Hepatobiliary and Pancreatic Surgery, University of Virginia*

³*Surgical Outcomes Research Center, University of Virginia*

10:00 a.m. – 10:10 a.m.

Bigger Lehman Award Winner - 2nd Place

Preoperative Opioid Use Is Associated with Increased Risk of Postoperative Complications within a Colorectal Enhanced Recovery Protocol

Taryn E. Hassinger, MD MSc^a; Elizabeth D. Krebs, MD MSc^a; William J. Kane, MD^a; Florence E. Turrentine, PhD RN^a; Robert H. Thiele, MD^b; Bethany M. Sarosiek, MSN MPH^a; Sook C.

Hoang, MD^a; Charles M. Friel, MD^a; Traci L. Hedrick, MD MSc^a

^a*Department of Surgery, University of Virginia Health System*

^b*Department of Anesthesiology, University of Virginia Health System*

10:10 a.m. – 10:35 a.m.

Break | Exhibits

James River Ballroom, Salon AB

10:10 a.m. – 10:35 a.m.

Poster Session

James River Ballroom, Salon CD

10:35 a.m. – 10:40 a.m.

Apolipoprotein A1 Attenuates Myocardial Ischemia-reperfusion Injury by Blocking the Release of Cell-free DNA and HMGB1 from Ischemically-injured Myocardium

Aimee Zhang, MD, Lina Lai MD, Eric J. Charles MD PhD, Irving L. Kron MD, Zequan Yang MD

University of Virginia

10:40 a.m. – 11:00 a.m.

Legislative Update

Christopher L. Johnson
State Affairs Associate
American College of Surgeons

11:00 a.m. – 11:30 a.m.

**Update on Pancreatic Cancer Early Detection
and Treatment at UVA**

Todd W. Bauer, MD
Professor of Surgery
Chief, Division of Surgical Oncology
Department of Surgery
University of Virginia

11:30 a.m. – 11:55 a.m.

History of the Virginia Surgical Society

James Foster, MD
Charles Harris, MD
William Purkert, MD

11:55 a.m. – 12:25 p.m.

Lunch | Visit Exhibits

James River Ballroom, Salon AB

James River Ballroom, Salon CD

12:25 p.m. – 12:40 p.m.

Virginia Surgical Society Business Meeting

12:40 p.m. – 12:45 p.m.

**PRMT5 is a Novel Therapeutic Target that Sensitizes Pancreatic
Cancer to Gemcitabine in a Murine Model**

William J. Kane, MD; Todd W. Bauer, MD, Sara J. Adair, MS;
Xiaolong Wei, PhD; Patrick E. O’Hara; Denis Liu; Mazhar Adli,
PhD

University of Virginia

- 12:45 p.m. – 12:50 p.m. **Frailty Index Associated with Post-operative Complications and Mortality after Lower Extremity Amputation: A VASQIP Analysis**
Wayne Tse MD^{1,2}, James Dittman³, Kedar Lavingia MD^{2,3}, Michael Amendola MD MEHP FACS FSVS^{2,3}
¹*Virginia Commonwealth University Health System*
²*Central Virginia VA Health Care System*
³*Virginia Commonwealth University School of Medicine*
- 12:50 p.m. – 1:10 p.m. **What's New at the UVA Department of Surgery**
Reid B. Adams, MD
Chair, Department of Surgery
University of Virginia
- 1:10 p.m. – 1:20 p.m. **Cancer Paper Winner – Clinical Science**
Five-Year Experience with VATS Segmentectomy for Lung Tumor Resection Shows Improving Outcomes and Superiority over Thoracotomy
Yahya Alwatari, MD, M. J. Sabra, MD; C. Bierema, MD; L. G. Wolfe, MD; A. D. Cassano, MD; R. D. Shah, MD
VCU Health
- 1:20 p.m. – 1:30 p.m. **Cancer Paper Winner - Basic Science**
Oncogenic Features in Histologically Normal Mucosa: Novel Insights Into Field Effect from a Mega-analysis of Colorectal Transcriptomes
Christopher Dampier, MD; Matt Devall, PhD; Sarah Plummer, BS; Lucas Jenelle, PhD; Virginia Diez-Obrero, BS; Victor Moreno, MD, PhD; Graham Casey, PhD
University of Virginia
- 1:30 p.m. – 1:40 p.m. **Trauma Paper Winner – Clinical Science**
Aeromedical Guidelines Should be Utilized to Allocate a Critical Resource
Andrew M Young, MD; Steven D Young, BA; Philip H Schroeder BS; Christopher L Cramer, MD; Jeffrey S Young, MD, MBA
University of Virginia

1:40 p.m. – 1:50 p.m.

Trauma Paper Winner – Basic Science

Low Volume Resuscitation (LVR) with Polyethylene Glycol-20k Confers Survival after Severe Hemorrhagic Shock

Niluka Wickramaratne, MD, MS; Jad Khoraki, MD; Hae Sung Kang, MD; Haoxuan Xu, MD; Caitlin Archambault, LVT; Charles Blocher, BS; Ru Li, MD PhD; Michel Aboutanos, MD; Martin J. Mangino, PhD

VCU Health

1:50 p.m. – 1:55 p.m.

Toxicity and Cosmetic Outcomes Following Treatment with a Novel Form of Breast IORT

Max Meneveau, MD, John C. Hulse, Gina R. Petroni, PhD, Anneke T. Schroen, MD, MPH, David R. Brenin, MD, Einsley M. Janowski, MD, PhD, Timothy N. Showalter, MD, MPH, Shayna L. Showalter, MD

University of Virginia

1:55 p.m. – 2:00 p.m.

Comparison of Outcomes in Lower Limb Amputations between General and Vascular Surgeons in the Veterans Population Using VASQIP Database

Wayne Tse MD^{1,2}, Kedar Lavingia MD^{1,2}, Michael Amendola MD MEHP FACS FSVS^{1,2}

¹*Virginia Commonwealth University Health System*

²*Central Virginia VA Health Care System*

2:00 p.m. – 2:20 p.m.

Break | Visit Exhibits

James River Ballroom, Salon AB

2:00 p.m. – 2:20 p.m.

Poster Session

James River Ballroom, Salon CD

2:20 p.m. – 3:05 p.m.

Minimally Invasive Hernia Repair

Alisa M. Coker, MD

Assistant Professor of Surgery

Division of Minimally Invasive Surgery

Johns Hopkins Medicine

3:05 p.m. – 4:05 p.m.

Panel Discussion ~ Robotics Across the Surgical Spectrum

Moderator: Jorge Posadas, MD

Panelists: Alisa Mae Coker, MD ~ *Johns Hopkins Medicine*

Sook Chan Hoang, MD ~ *UVA Health*

Edgar Rodas, MD, FACS ~ *VCU Health*

Shalini R. Reddy, MD ~ *Valley Health*

4:05 p.m. – 6:05 p.m.

Resident Skills Competition & Reception

James River Ballroom, Salon AB

Poster Sessions

Pediatric Surgical Coverage is Associated with Increased Costs in the Operative Management of Uncomplicated Appendicitis

Nicholas L Bandy, MD, Ismail El Moudden, PhD, Jiangtao Luo, PhD, Rebecca C Britt, MD, FACS
Eastern Virginia Medical School

Genetic Disruption of Interleukin-1 α Signaling Potentiates Experimental Aortic Aneurysm Formation

Jolian Dahl, MD MSc, Jared P Beller MD, Dustin T Money RRT-ACCS, W Zach Chancellor MD, J Hunter Mehaffey MD MSc, Surabhi Palkimas PharmD, Matt Morisette PharmD, Yiyu Zhao MD, Leora T Yarboro MD, Nicholas R Teman MD
University of Virginia

Genetic Disruption of Interleukin-1 α Signaling Potentiates Experimental Aortic Aneurysm Formation

Jolian Dahl, MD MSc, Erik Scott MD, Alexander Shannon MD, Michael Spinosa BA, Morgan Salmon PhD MBA, Gorav Ailawadi MD MBA
University of Virginia

An Ultrasound-based Imaging Score Accurately Predicts Acute Appendicitis in Children

Mark Fleming II, MD, David Grabski, MD; Shannon Tocchio, MD; William McCullough, MD, Jeffrey Gander, MD
University of Virginia

Mesenteric Lipomatosis: A Rare Cause of Abdominal Pain

Pamela Henry, MD, Gordon Hafner, MD FACS

Inova Fairfax Hospital

Identification of Factors Related to an Increased In-Hospital Mortality Rate following Tracheostomy and Percutaneous Endoscopic Gastrostomy (PEG) Placement in Intensive Care Unit (ICU) Patients

Pamela Henry, MD

Inova Fairfax Hospital

Impact of Broader Geographic Allograft Sharing on Outcomes and Cost in Small to Medium Size Lung Transplant Centers

Nathan Haywood, MD , J. Hunter Mehaffey MD¹, Matt Byler MD MBA¹, Erik Scott MD¹, Aimee Zhang MD¹, Sarah Kilbourne MD², Hannah Mannem MD², Max Weder MD², Christine Lau MD¹, Alexander S. Krupnick MD¹, Avinash Agarwal MD³

¹*Division of Thoracic & Cardiovascular Surgery, Department of Surgery, University of Virginia Health System*

²*Division of Pulmonary and Critical Care Medicine, Department of Medicine, University of Virginia Health System*

³*Division of Transplantation, Department of Surgery, University of Virginia Health System*

Antibody Responses to Melanoma Helper Peptide Vaccines May Enhance Antigen Opsonization and Presentation

Kevin Lynch, MD, Dickinson A., BS, Meneveau M., MD, Erickson L., PhD, Olson W., PhD, Slingluff C., MD

University of Virginia

Central Line Access for Hemodialysis Adversely Affects Ipsilateral Arteriovenous Graft Outcomes

Diana Otoy MD, Michael Amendola MD MEHP, Kedar Lavingia, Luke Wolfe MS,

Marc Posner MD

Virginia Commonwealth University Health System

Minimizing the Reaction to a Medical Malpractice Claims Curriculum – Can GRIT Analysis Help?

Diana Otoy MD, Michael Amendola MD MEHP

Virginia Commonwealth University Health System

Delayed and Recurrent Bile Leak from Isolated Right Posterior Sectoral Duct (RPSD) after Laparoscopic Cholecystectomy (LC)

Brianna Ruch, MD, Doumit Bouhaider MD, Amit Sharma MD

Virginia Commonwealth University

The Role of Hepcidin in Aortic Aneurysm Formation

Erik Scott, MD MS, Jolian J Dahl, MD; Gorav Ailawadi, MD MBA; Morgan Salmon, PhD
University of Virginia

Outcomes after Simultaneous Heart-Liver Transplantation for Familial Amyloidosis: Single Center Experience

Angela Sickels, Amit Sharma MD, Brianna Ruch MD, Maureen Flattery MD,
Vigneshwar Kasirajan MD, Keyur Shah MD
Virginia Commonwealth University

Total Artificial Heart as a Bridge to Simultaneous Heart-liver Transplantation: Single Center Experience

Angela Sickels, Amit Sharma MD, Brianna Ruch MD, Maureen Flattery MD, Vigneshwar Kasirajan
MD, Keyur Shah MD
Virginia Commonwealth University

Regression of Choroidal Metastasis Secondary to Pancreatic Adenocarcinoma from a Combination of Systemic Chemotherapy and Novel Adjuvant Use of Intravitreal Procedural Therapy with Aflibercept

Guneet Sodhi, MD, Kapil Kapoor, MD; Frederic Gross, MD; Alan Wagner, MD
Eastern Virginia Medical School

The Decline of Axillary Lymph Node Dissection Rates: Implication on Operative Times and Outcomes

Arielle Stafford, MD; Nadia Nocera, MD; Carla S. Fisher, MD; Chang Liu, PhD, MA;
Lucy De La Cruz, MD
Inova Fairfax Medical Campus

Primary Spontaneous Pneumothorax: To Operate or not to Operate?

Joshua Stodghill, DO, Devon T. Collins, MPH, Jay Patel, MD, Sameer Javed, BS, Chang Liu, PhD,
Amit K. Mahajan, MD, Sandeep J. Khandhar, MD, FACS
Inova Fairfax Medical Campus

Coil Embolization Localization for Small Bowel Hemorrhage

Lee Warren, MD; Katie Bower, MD
Carilion Roanoke Memorial Hospital

Mindfulness in The OR: A Pilot Study Investigating the Efficacy of an Abbreviated Mindfulness Intervention on Improving Flow and Mindfulness State for Physicians in the Operating Room

Terri-Ann Wattsman, MD, Laurie Seidel MSN, BSN, Dr. Francis C Dane PhD, FRSS,
Gary Simonds, MD
Virginia Tech Carilion School of Medicine and Fralin Biomedical Research Institute

#ILookLikeASurgeon: What are the Delayed Trends of This Social Media Trend?

Mallory White BMSc, Michael Amendola MD MEHP

Virginia Commonwealth University Health System

Long-term Outcomes after Esophagectomy in Octogenarians

Aimee Zhang, MD, Jared P. Beller MD, J. Hunter Mehaffey MD, Matthew R Byler MD,

Adishesh K Narahari, Joshua A Boys MD, Christine L Lau MD, A. Sasha Krupnick MD,

Linda W Martin MD, Dustin M Walters MD

University of Virginia