

AMERICAN COLLEGE OF OSTEOPATHIC SURGEONS®  
AMERICAN OSTEOPATHIC COLLEGE OF PROCTOLOGY, INC.



# PROGRAM BOOK

OCTOBER 2020 | A VIRTUAL ASSEMBLY

# WELCOME TO THE 2020 ANNUAL CLINICAL ASSEMBLY!



Welcome to the 2020 Virtual Annual Clinical Assembly of Osteopathic Surgeons (ACA)!

To say that 2020 has been a challenging year does not begin to describe the year this has been for those of us in medicine. And even with the onset of the pandemic and cultural unease, our community has remained strong through this very strange time.

As surgeons, leaders of our hospitals and practices, and educators to the next generation of surgeons, we have had an incredibly challenging year, from the cancellation of “elective” surgeries to gaining an understanding of current and planned legislation and its impact on our financial bottom line. Throughout this year we have endured. As surgeons we have worked alongside our critical care teams in caring for the sickest among those patients impacted by the COVID-19 pandemic. And we eventually resumed surgery, in an uncertain but resilient environment that just wants to get back to “normal.”

It is important for us as a College to continue the tradition of our annual conference. After understanding that circumstances would not enable us to meet in person, we changed gears and planned a different kind of meeting. We are very pleased to deliver this year’s Annual Clinical Assembly, our first ever ACA produced in a virtual format.

We hope you find the flexibility offered by this format to be one that enables you to take more courses than you may have been able to attend in an in-person conference, and at the same time, enjoy the outstanding keynote speakers who are always such an important part of our ACA.

Highlights of the 2020 ACA include:

- Keynote Address: **Paul Nassif, MD, FACS**, world-renowned Facial Plastic and Reconstructive Surgeon, and Star of E!’s *“Botched”*
- Theodore F. Classen Memorial Lecture: **Mark Kalina**, a survivor of a near-fatal, pedestrian-train accident whose support network inspired the creation of The Mark Kalina Jr. Foundation, which supports victims of traumatic injury on their journey toward greater independence
- Keynote Address: **Anthony LaPorta, MD, FACS**, “Changing the Face of Training”
- \*LIVE\* Women Surgeons Forum
- \*LIVE\* Military Surgeons Forum
- \*LIVE\* Rural Surgeons Forum
- Annual Posters Competition
- Resident Awards Program

# WELCOME TO THE 2020 ANNUAL CLINICAL ASSEMBLY!

Take advantage of all that the 2020 ACA has to offer. Take courses when it works with your schedule. Enjoy our annual Conclave Ceremony as we welcome new members, new Fellows and the very first class of Distinguished Fellows of the American College of Osteopathic Surgeons. And celebrate the accomplishments of this year's ACOS Award winners: **Melissa S. Richardson, DO, FACOS**, recipient of this year's Humanitarian Award; **Stephen T. Fisher, DO, FACOS**, recipient of this year's Charles L. Ballinger Distinguished Osteopathic Surgeon Award; **Constance P. Cashen, DO, FACOS**, recipient of this year's Guy D. Beaumont Jr. ACOS Award of Academic Excellence; and **Dawn R. Tartaglione, DO, FACOS**, recipient of the 2020 Orel F. Martin Medal.

Though we will not meet in person this year, the educational programming, celebration, and opportunities to connect are still present. We look forward to an in-person ACA next year in Orlando, Florida. Until then, enjoy the 2020 Virtual Annual Clinical Assembly!

Sincerely,

A handwritten signature in black ink, appearing to read 'Larry G. Armstrong', with a stylized flourish at the end.

Larry G. Armstrong, DO, FACOS, FACS  
President, American College of Osteopathic Surgeons

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***Please note that all listed times are EDT***

***Please see the ACA Website for the most up-to-date Program content***





## ABOUT THE ANNUAL CLINICAL ASSEMBLY

ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE

## EDUCATIONAL OBJECTIVES AND OUTCOMES

### TARGET AUDIENCE:

This activity is intended for surgeons of varying specialties who care for surgical patients.

### THE ACA WILL:

- Offer a highly diversified program of continuing medical education for the specialties of cardiothoracic and vascular, general, neurological, plastic and reconstructive, proctological, and urological surgery
- Keep surgeons in these specialties, other interested physicians, and healthcare professionals informed regarding recent developments and advances in the art and science of surgery
- Provide a review of selected areas of the attendees' surgical specialties
- Discuss pre- and post-operative issues related to surgery
- Inform attendees of trends and changes in governmental legislation and regulations
- Update surgical specialists regarding developments related to surgery in other fields of science, in socioeconomics, and in education

### THE ACA LEARNING METHODS USED ARE:

- Panels, symposia, and lectures
- Scientific paper presentations
- Peer-to-peer discussions
- Question and answer sessions
- Scientific exhibits and poster presentations

### ACA EDUCATIONAL OBJECTIVES:

After completing this activity, the participant should be better able to:

- Discuss recent clinical developments in their surgical specialties
- Implement strategies into their surgical practice in order to improve patient care
- Review the indications, techniques, complications, and outcomes of various surgical procedures
- Understand relevant socioeconomic and governmental issues relating to surgery and patient care

## REGISTRATION INFORMATION

### **LOCATION: A Virtual Assembly**

Register at any time by visiting [www.facos.org/aca](http://www.facos.org/aca)

## ACA EXHIBIT HALL

### **LOCATION: A Virtual Assembly Exhibit Hall**

Stop by the Exhibit Hall to learn about the latest products, services and innovations for your practice. Don't forget to miss the ACOS booths! Only registrants are given access.

Tuesday, October 20	12:00PM - 5:00PM
Wednesday, October 21	8:30AM - 4:30PM
Thursday, October 22	8:30AM - 1:30PM
Friday, October 23	8:30AM - 1:30PM

## SCIENTIFIC EXHIBITS AND POSTER PRESENTATIONS

### **LOCATION: 2020 ACA ePosters Gallery**

Come meet the osteopathic students, residents, and fellows from across the country who prepared scientific poster presentations for the 2020 ACA ePosters Gallery. Members of the ACA Scientific Exhibits and Poster Sessions Committee will judge the ePosters. See pages 71 to 80 for a listing of scientific ePosters.

## SPEAKER ASSISTANCE

If you are a 2020 ACA Faculty member and require assistance from ACOS staff, please contact [meetings@facos.org](mailto:meetings@facos.org).

## AOA CME CREDITS AND REQUIREMENTS

Attendees of the 2020 ACA are eligible to earn American Osteopathic Association continuing medical education (AOA CME) credit by participating in the educational programs and activities through the ACOS eLearning Portal.

The ACOS eLearning portal is a repository of on-demand content from the College. To access the ACOS eLearning Portal, simply click [here](#) or place <https://elearning.facos.org/> in your web browser. You will then need to enter your ACOS credentials (Your User Name - the email address you used to create your ACOS account and password; if you've forgotten your password, you'll be able to create a new one) to gain access to the portal.

The evaluation will only be available after watching the selected session and completing the evaluations. After the program evaluation has been completed, a CME certificate can be printed by the registrant. In accordance with the AOA CME accreditation requirements, the attendee must complete an evaluation of each session attended as well as an overall event evaluation in order to receive AOA



CME credit. Physicians should only claim credit commensurate with the extent of their participation in each ACA educational program and/or activity. Instructions on how to access the online CME tracking and program evaluation system will be sent to registrants via email.

Eligible participants must claim CME credits NO LATER THAN 80 days after you complete the program. Attendees that do not submit their evaluation by the deadline will not receive credit for the 2020 Annual Clinical Assembly.

The ACOS will petition the AOA Council on Continuing Medical Education to approve this program for a maximum of 30 AOA Category 1-A CME credit hours.

### QUESTIONS AND CONCERNS REGARDING CME

Any questions or concerns regarding the CME requirements, credits earned for this meeting, or problems such as facilities, handouts, and program content may be directed to the ACOS staff by calling (800) 888-1312. Unresolved issues regarding the compliance of this meeting with the AOA accreditation requirements may be brought to the attention of the AOA Division of CME by calling (888) 626-9262. Any formal action by the AOA will require a written communication from you.

### SPEAKER DISCLOSURE STATEMENT

In accordance with the AOA Standards of Accreditation; and ACCME Essential Criteria and, Policies, and Standards for Commercial Support; and AMA PRA Category 1 Guidelines, starting on page 62, the ACA has included all faculty disclosures available at the time of printing. Speakers that indicated having a relationship which in the context of their presentation, could be perceived by some as real or apparent conflict of interest (e.g., ownership of stock, speaker honoraria, consulting fees, etc.) have attested that they do not consider it will influence their presentation.

### DISCLOSURE OF CONFLICTS OF INTEREST

ACOS requires instructors, planners, managers and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest (COI) they may have as related to the content of this activity. All identified COI are thoroughly vetted and resolved according to ACOS policy. The existence or absence of COI for everyone in a position to control content will be disclosed to participants prior to the start of each activity.

### PLANNERS AND MANAGERS

ACOS planners and managers, Stephanie Santini, CMP, and Natasha Moussavi have nothing to disclose.

## DISCLOSURE OF UNLABELED USE

This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. The planners of this activity do not recommend the use of any agent outside of the labeled indications. The opinions expressed in the educational activity are those of the faculty and do not necessarily represent the views of the planners. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

## DISCLAIMER

Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed or suggested in this activity should not be used by clinicians without evaluation of their patient's conditions and possible contraindications and/or dangers in use, review of any applicable manufacturer's product information, and comparison with recommendations of other authorities.

## SPEAKER PRESENTATION DISCLAIMER

The opinions and ideas expressed by ACA speakers or found in any handout materials are those of the presenters and will not be endorsed or cannot claim to be endorsed by the American College of Osteopathic Surgeons, the American Osteopathic College of Proctology, Inc., or their disciplines and sections.

## PHOTO LIABILITY

ACOS plans to utilize photographs/videos/recordings from the 2020 Annual Clinical Assembly of Osteopathic Surgeons virtual conference and reproduce them in ACOS educational, news or promotional material, whether in print, electronic or other media, including the ACOS website. By participating in the ACOS Annual Clinical Assembly of Osteopathic Surgeons conference, you grant ACOS the right to use your name, photograph and biography for such purposes. All postings become the property of ACOS. Postings may be displayed, distributed or used by ACOS for any purpose.

## CODE OF CONDUCT POLICY

The American College of Osteopathic Surgeons (ACOS) is committed to providing its employees, directors and officers, volunteers, members, independent contractors, event participants and event faculty (collectively, "covered persons") with settings that are free from harassment in any form.

Prohibited conduct includes, but is not limited to: 1) harassment based on race,

gender, sexual orientation, disability, or any other protected status, as provided by local, state, or federal law; 2) sexual harassment including unwelcome attention, stalking and physical contact; 3) abusive conduct that has the purpose or effect of unreasonably interfering with another person's ability to enjoy or participate in the Conference, including social events related to the Conference; and 4) undue interruption of any Conference event, speaker or session.

Harassment takes many forms and may be, but is not limited to: words, signs, jokes, pranks, intimidation, physical contact, unwelcome sexual advances, requests for sexual favors, stalking, other verbal or physical contact of a sexual, aggressive, or hostile nature, vulgar or abusive language, or violence as it relates to race, national origin, religion, age, disability, gender, sexual orientation or any other classification protected by local, state or federal laws.

ACOS will not tolerate harassment of or by these individuals. Any conduct by a covered person towards another covered person that is intimidating, hostile, offensive and/or specifically prohibited by law is prohibited. Any covered person engaging in such conduct will be subject to disciplinary action, which may include termination of ACOS employment or as a contractor, member referral to the ACOS Ethics Committee, immediate expulsion from ACOS-sponsored events, removal as a director, officer, volunteer or faculty member, or other actions as may be deemed appropriate.

The covered person(s) who believe that they have been the subject of any form of harassment should immediately report such conduct to the ACOS CEO, any member of the ACOS Executive Committee, or the chair of the ACOS-sponsored event at which the harassment allegedly occurred. Complaints alleging a violation of this policy by the ACOS CEO shall be made to the ACOS President.

Any covered person submitting a complaint must be acting in good faith and have reasonable grounds for believing the information disclosed indicates a violation of this policy. Any allegations that prove to have been made maliciously or knowingly to be false will be viewed as a serious disciplinary offense.

To instigate an investigation, a written statement of the incident(s) will be requested. ACOS will promptly investigate all reports of harassment and will keep the identity of the covered person(s) making the report and all aspects of the report and investigation confidential to the greatest extent possible. ACOS will take appropriate action(s) to remedy substantiated complaints.

ACOS will not condone any form of retaliation against any covered person who in good faith reports an alleged violation of this policy. A covered person who retaliates against someone who submits a complaint is subject to discipline, up to and including termination of ACOS employment/engagement, loss of position, and/or revocation of ACOS membership.

## OSTEOPATHIC PLEDGE OF COMMITMENT

As members of the osteopathic medical profession, in an effort to instill loyalty and strengthen the profession, we recall the tenets on which this profession is founded: The dynamic interaction of mind, body and spirit; the body's ability to heal itself; the primary role of the musculoskeletal system; and preventive medicine as the key to maintain health. We recognize the work our predecessors have accomplished in building the profession, and we commit ourselves to continuing that work.

### I PLEDGE TO:

- Provide compassionate, quality care to my patients;
- Partner with them to promote health;
- Display integrity and professionalism throughout my career;
- Advance the philosophy, practice, and science of osteopathic medicine;
- Continue lifelong learning;
- Support my profession with loyalty in action, word, and deed; and
- Live each day as an example of what an osteopathic physician should be.



## CONTINUING EDUCATION COMMITTEE

<b>Chairman</b>	VALERIE L. SHERIDAN, DO, FACOS, FACS
<b>Board Liaison</b>	J. BRACKEN BURNS, JR., DO, FACOS
<b>Members</b>	DAVID L. ACUNA, DO, FACOS WARREN ALBRECHT, DO ARNOLD C. ALMONTE, DO, FACOS GABRIEL CHIU, DO KRISTEN J. CONRAD-SCHNETZ, DO, FACOS MICHAEL J. CONSOLO, DO, FACOS JOSEPH T. COSTIC, DO, FACOS JAMIE L. DIPETRO, DO ANTHONY G. FABAZ, DO, FACOS ALANNA FOSTYK, DO DARREN LEE JACOBS, DO, FACOS JOHN JAMES KOWALCZYK, DO, FACOS JAYRAM KRISHNAN, DO, MBA BENJAMIN LAM, DO, FACOS LYNNE M. MCCORMICK, DO, FACOS DAN E. MIULLI, DO, FACOS ELIZABETH A. RENAKER-JANSEN, DO MICHAEL S. SAWVEL, DO KARLA D. WITZKE, DO, FACOS
<b>AOCPR Member</b>	CHARLES D. DUDA, DO

### Disclosures

BENJAMIN LAM, DO, FACOS | CHIEF MEDICAL OFFICER – B-CIDAL  
DARREN LEE JACOBS, DO, FACOS | EDUCATOR – MEDTRONICS  
NEUROMODULATION



## SPECIAL PROGRAMS AND EVENTS

ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE

### KEYNOTE ADDRESS

Paul S. Nassif, MD, FACS



Dr. Paul Nassif is a world-renowned Facial Plastic and Reconstructive Surgeon, and Star of E!'s *Botched*, a reality show highlighting his expertise as he remedies the most extreme plastic surgeries gone wrong.

Specializing in Facial Plastic Surgery and Rhinoplasty, Dr. Paul Nassif is an internationally celebrated Facial Plastic and Reconstructive Surgeon whose pioneering techniques have gained worldwide acclaim from his patients, his peers, and the media. Dr. Nassif's esteemed background allows him to treat patients with even the most critical, complex cases, leading to him being known as the facial plastic surgeon who is "Trusted with Faces Worldwide®".

By leveraging what he sees underneath the skin and knowing what causes it to breakdown and age prematurely, Dr. Nassif developed NassifMD Dermaceuticals™, a proprietary skincare line formulated to repair, rejuvenate and protect the skin's health inside and out.

Dr. Paul Nassif is a leader in the field of Facial Plastic Surgery and is affiliated with top medical schools and hospitals in California, including Los Angeles County, University of Southern California Medical Center. He has authored over 50 peer-reviewed articles on cosmetic surgery and been called upon to lecture over 175 times on the latest surgical techniques. His work, including his Revision Rhinoplasty Procedures and his "Anti-Gravity Facelift", also known as the "Beverly Hills Facelift®" have been featured on Entertainment Tonight, Good Morning America, People Magazine, USA Today, The Los Angeles Times, the Associated Press, and the Wall Street Journal.

Dr. Nassif is the Director of a Fellowship Training Program, accredited by the American Academy of Facial Plastic and Reconstructive Surgery, which instructs young Facial Plastic Surgeons in his innovative surgical techniques, particularly in the area of Rhinoplasty. Dr. Nassif prides himself for providing patients with the most natural looking Rhinoplasty Surgical results possible. Combining his skills as both an artist and a Surgeon, Dr. Nassif shapes noses so that they will appear fully natural, with balance and harmony (even helping patients who have had nose surgery once, twice or even five times in the past). The results of his work are invariably aesthetically pleasing and completely functional. Therefore, he is "Trusted with Noses Worldwide®"

Dr. Nassif remains dedicated to helping others in need of Facial Reconstructive and Plastic Surgery through his charitable work. He participates in Face to Face, an organization that offers plastic surgery to victims of domestic violence, and St. Jude Children's Research Hospital.

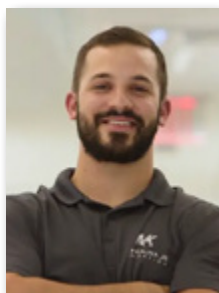




### CHANGING THE FACE OF TRAINING

Anthony J. LaPorta, MD, FACS

Dr. Anthony J. LaPorta is Professor of Surgery and Military Medicine at Rocky Vista University School of Medicine. He is retired from the U.S. Army as a Colonel after over 26 years of service, having served in every aspect of medical education and military command leadership. A member of the prestigious Department of Defense elite Defense Health Board, he is a member of the Trauma and Injury subcommittee. Dr. LaPorta has performed as CO-PI on multiple DOD research projects including the use of "Immersion Training" in the formation of "Stress Inoculation" to address Hardiness, Resilience and Emotional Intelligence. He has authored over 300 peer-reviewed articles and presentations on surgery, immunology, military medicine, and simulation. He originally trained in surgery at the Medical College of Wisconsin and the University of Oxford, England. An avid skier, he was the first American to run the Olympic torch for the 2010 Vancouver games.



### THEODORE F. CLASSEN MEMORIAL LECTURE

Mark A. Kalina, Jr.

Mark Kalina is a survivor of a near-fatal, pedestrian-train accident that resulted in the loss of his legs. Since that day, Mark has pushed himself far beyond what he himself thought was possible. The nature of his accident encouraged him to share his story and become an advocate for rail safety. He was named the Spokesperson for the National safety campaign of Operation Lifesaver, the United States' largest rail safety organization. The support he had from his family, friends and community during his recovery inspired the creation of The Mark Kalina Jr Foundation, which supports victims of traumatic injury on their journey toward greater independence. Mark has continued to push himself and his prosthetics by competing in two Tough Mudder obstacle course races. Mark was recognized by Crain's Cleveland as the class of 2019's "Forty under 40". In addition to his volunteer work, Mark is a Senior Analyst supporting the Trauma Recovery Team at The MetroHealth System in Cleveland, Ohio. He is now living his new normal with his wife and two young children in Northeastern Ohio.



## WOMEN SURGEONS FORUM

Tuesday, October 20 | 7:00 – 8:30 PM EDT

The 2020 ACOS Women Surgeons Forum is going virtual! This annual forum gives participants a platform to discuss current issues, gain insight from peers, offer support and guidance, and serves as a collective sounding board for attendees.

We are delighted to welcome back our hosts for the Women Surgeons Forum:

### **Kristen Conrad-Schnetzer, DO, FACOS, FACS**

- Assistant Professor of Surgery, Cleveland Clinic Lerner College of Medicine through CWRU
- Staff General Surgery, Digestive Disease and Surgery Institute, Cleveland Clinic
- Program Director, General Surgery Residency, Cleveland Clinic South Pointe Hospital
- Director, Department of Surgery, Cleveland Clinic South Pointe Hospital

### **Valerie Sheridan, DO, FACOS, FACS**

- Assistant Dean of Clinical Education, Assessments and Outcomes, GME
- Health Policy Fellow
- Assistant Professor, Surgery
- AT Still University
- School of Osteopathic Medicine Arizona
- Past President, American College of Osteopathic Surgeons

The theme for this year's panel is: "Executive Strategies for Tough Times." We will explore how different members experienced the COVID-19 pandemic by looking at your experiences through a diverse group of lenses, from medical student and resident to new and tenured surgeon.



### MILITARY SURGEONS MEMBER FORUM

Thursday, October 22 | 6:30 - 7:30 PM EDT

The Military Surgeons Member Forum will be held live during the 2020 Virtual Annual Clinical Assembly. The Forum offers ACOS members serving in the military a place to discuss issues specific to those members in uniform. The Forum provides a space to network with other members in the military. Members who attend the Forum provide critical insight into how the ACOS can better serve its members in the military through new programming offerings.

Join the conversation on Thursday, October 22, 2020 at 6:30 PM EDT. To RSVP for the Forum, [click here](#).

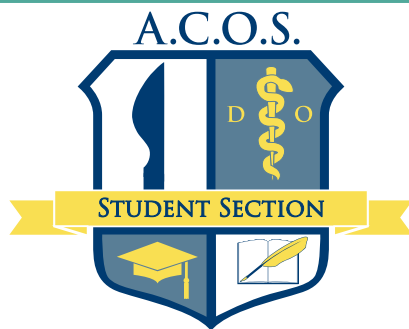
### RURAL SURGEONS MEMBER FORUM

Thursday, October 22 | 8:00 - 9:00 PM EDT

Celebrating its 20th year, the Rural Surgery Forum will be held live during the 2020 Virtual Annual Clinical Assembly. The Rural Surgery Forum offers a place for members that practice in the rural setting to come together to discuss policies impacting their practices and their patients. The Forum also provides a networking opportunity for connections to be made to further your fellowship. Members who attend the Forum provide critical insight into how the ACOS can better serve its members in the rural settings through new programming offerings.

Come join in the conversation on Thursday, October 22, 2020 at 8:00 PM EDT. To RSVP for the Forum, [click here](#).

# ACOS MEDICAL STUDENT SECTION SCHEDULE



## MONDAY, OCTOBER 19

6:00 PM

### **Business Meeting**

## TUESDAY, OCTOBER 20

5:00 PM

### **Welcome and Update**

Eugene Laveroni, DO, FACOS

6:00 PM

### **Personal Statement Development**

Jennifer S. Beaty, MD, FACS, FASCRS

7:00 PM

### **A Beginner's Guide to Clinical Case Reports**

Dario A. Marotta, OMS-III

## WEDNESDAY, OCTOBER 21

4:30 PM

### **Welcome and Inspire**

Rachel Stein, DO

5:00 PM

### **Resident Panel**

Farnaz Haji, DO, MS

6:00 PM

### **Dine and Discover with a PD**

Kristen Conrad-Schnetz, DO, FACOS, FACS

7:00 PM

### **Student Case Presentations**

## THURSDAY, OCTOBER 22

4:30 PM

### **Bioengineering - Utilizing your Medical Expertise for Device Design**

Brysen Keith, MS, OMS-IV

5:00 PM

### **White Coat Investor**

James M. Dahle, MD, FACEP

6:00 PM

### **Resident Case Instruction**

## FRIDAY, OCTOBER 23

3:00 PM

### **Specialties**

Christina Ottomeyer, DO

4:00 PM

### **Interview: Networking your Way Into Residency**

Calvin Sun, MD

5:00 PM

### **4th Year Panel & Happy Hour**

**CARDIOTHORACIC**



**AND VASCULAR**

# **CARDIOTHORACIC AND VASCULAR SURGERY DISCIPLINE**

**CHAIR: J. FRANKLIN OAKS, JR., DO, MHA, FACOS**

**CHAIR-ELECT: PETER U. BAIK, DO, FACOS**

**PAST CHAIR: JOHN W. ROYALTY, DO, FACOS**

**SECRETARY: SHARON BETH LARSON, DO, FACOS**

**ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE**

# CARDIOTHORACIC AND VASCULAR SURGERY DISCIPLINE

## TUESDAY, OCTOBER 20

9:00 AM

### Annual Membership Update

10:00 AM

### Keynote Address

Paul S. Nassif, MD, FACS

10:30 AM

### Theodore F. Classen Memorial Lecture

Mark A. Kalina

7:00 PM

### Women Surgeons Forum



LIVE  
PRESENTATIONS  
ARE AVAILABLE  
ON-DEMAND  
AFTER  
BROADCAST

## WEDNESDAY, OCTOBER 21

9:00 AM

### Keynote Address | Changing the Face of Training

Anthony J. LaPorta, MD, FACS

6:00 PM

### ACOS Ceremonial Conclave

## THURSDAY, OCTOBER 22

6:30 PM

### Military Surgeons Member Forum

8:00 PM

### Rural Surgeons Member Forum

## ON-DEMAND

### How to Effectively Manage Your Student Debt: Best Practices for Osteopathic Surgeons

Brandon Barfield

### Finding the Right Practice and Signing the Right Contract

Mary Breedlove, MHA, FASPR

### Building a Quality Improvement Program

Julie A. Caffrey, DO, FACOS

## ON-DEMAND

### **Pain Control in the Geriatric Surgical Patient**

Michael F. Ditillo, DO, FACS

### **The Effect of Single Accreditation on Medical Student Match Rates in Surgical Subspecialties: Outcomes from the ACOS Board of Governors GME Subcommittee**

Ian Etheart

### **A Surgical PACU in Queens New York that was Converted to an COVID-19 ICU During the Pandemic...The PACU Vs. the Pandemic**

Narinder P. Grewal, DO, FACOS

### **Safe Acid Technology ... The End of Surgical Infections?**

Benjamin Lam, DO, FACOS, FACS

### **Just How Crazy Can We Get? Damage Control Surgery**

Anthony J. LaPorta, MD, FACS

### **Enhanced Recovery After Cardiac Surgery**

Sharon B. Larson, DO, MS, FACOS, FACS

### **Surgery for Aortic Stenosis: When and Why?**

Sharon B. Larson, DO, MS, FACOS, FACS

### **2020 ACOS Resident Scientific Research Presentations & Awards**

Lane M. Lee, DO, FACS, FACOS

### **Artificial Intelligence in Surgery: An Overview**

Miguel A. Matos, DO, MBA, MHA, MS

### **Cadaver Femoral Vein for Primary Dialysis Access**

Lynn Mathia, DO, FACOS

### **Early Experience with Thorascopc Internal Rib Plating**

Troy Moritz, DO, FACOS

### **Improved Patient Care through Lawsuit Protection and Prevention for Osteopathic Physicians**

Larry Oxenham

### **Physician Burn Out. Causation, Realization, Eradication**

Carl Pesta, FACOS, FASMBS

## **New 2021 Evaluation and Management Coding Guidelines: What Surgeons Need to Know**

Kim Pollock, RN, MBA, CPC, CMDP

## **Robotic Coronary Revascularization - Changing the CABG Paradigm. What's the Future**

Francis P. Sutter, DO, FACOS

## **Intravenous Pyruvate to Protect Organs During Closed-Chest Resuscitation and Recovery from Cardiac Arrest**

Albert Yurvati, DO, PhD, FACOS

## **Cardiothoracic and Vascular Surgery Podium Presentations**

### **Leadership Positions Held Among Osteopathic Female and Male Cardiothoracic Surgeons**

Chi Chi Do-Nguyen

### **Survival After Distal Esophageal Rupture: A Case Report of Prolonged Intrathoracic Complications After Conversion from Mallory Weiss Tear to Boerhaave's Syndrome During a Pandemic**

Rachel E. Kaczynski, DO

### **Hypoplastic Aortoiliac Syndrome Causing Severe Claudication**

Tanya Odisho, DO

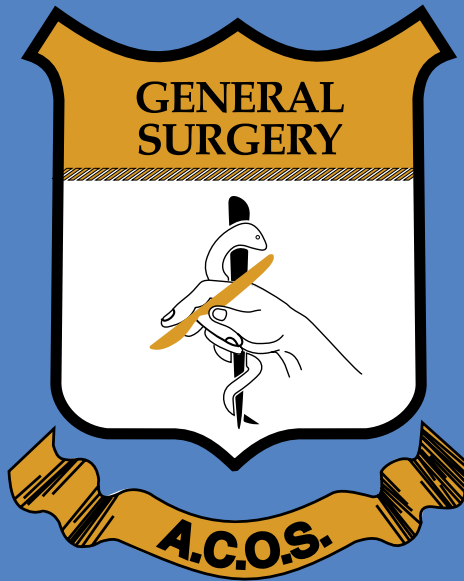
### **Symptomatic Esophageal Duplication Cyst in a 65-year-old Male**

Jane Ohde, DO

### **Ruptured Congenital Abdominal Aortic Aneurysm in an 11-Year-Old with Multiple Peripheral Artery Aneurysms**

Christopher F. Tanga, DO





# GENERAL SURGERY DISCIPLINE

CHAIR: JANIE L. MYERS, DO, FACOS, FACS

CHAIR-ELECT: CHAD MICHAEL ROBBINS, DO, FACOS

PAST CHAIR: STUART J.D. CHOW, DO, FACOS

SECRETARY: DOMINIC STORTO, DO, FACOS

ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE



## TUESDAY, OCTOBER 20

9:00 AM

**Annual Membership Update**

10:00 AM

**Keynote Address**

Paul S. Nassif, MD, FACS

10:30 AM

**Theodore F. Classen Memorial Lecture**

Mark A. Kalina

7:00 PM

**Women Surgeons Forum**

## WEDNESDAY, OCTOBER 21

9:00 AM

**Keynote Address | Changing the Face of Training**

Anthony J. LaPorta, MD, FACS

6:00 PM

**ACOS Ceremonial Conclave**

## THURSDAY, OCTOBER 22

6:30 PM

**Military Surgeons Member Forum**

8:00 PM

**Rural Surgeons Member Forum**

## ON-DEMAND

**Trauma and Critical Care Papers That Should Change Your Practice 2020**

Gerard A. Baltazar, DO, FACOS, FACS

**Trauma Surgery: An Osteopathic Approach**

Gerard A. Baltazar, DO, FACOS, FACS

**How to Effectively Manage Your Student Debt: Best Practices for Osteopathic Surgeons**

Brandon Barfield



LIVE  
PRESENTATIONS  
ARE AVAILABLE  
ON-DEMAND  
AFTER  
BROADCAST

## ON-DEMAND

### **Finding the Right Practice and Signing the Right Contract**

Mary Breedlove, MHA, FASPR

### **Building a Quality Improvement Program**

Julie A. Caffrey, DO, FACOS

### **Pain Control in the Geriatric Surgical Patient**

Michael F. Ditillo, DO, FACS

### **Use of Frailty as a Preoperative Component of Informed Consent**

Michael F. Ditillo, DO, FACS

### **The Effect of Single Accreditation on Medical Student Match Rates in Surgical Subspecialties: Outcomes from the ACOS Board of Governors GME Subcommittee**

Ian Etheart

### **Nipple Sparing Mastectomies: Contemporary Indications, Patient Selection, Technical Aspects**

Betty Fan, DO, FACOS

### **A Surgical PACU in Queens New York that was Converted to an COVID-19 ICU During the Pandemic...The PACU Vs. the Pandemic**

Narinder P. Grewal, DO, FACOS

### **Laparoscopic CBD Exploration for the Community General Surgeon**

Terence Jackson, MD

### **Tips and Tricks for Difficult Gallbladders**

Terence Jackson, MD

### **Not Promising: Frailty and Emergency General Surgery**

Ryan Landis, MD, MS

### **Safe Acid Technology ... The End of Surgical Infections?**

Benjamin Lam, DO, FACOS, FACS

### **Just How Crazy Can We Get? Damage Control Surgery**

Anthony J. LaPorta, MD, FACS

### **2020 ACOS Resident Scientific Research Presentations & Awards**

Lane M. Lee, DO, FACS, FACOS

## **Artificial Intelligence in Surgery: An Overview**

Miguel A. Matos, DO, MBA, MHA, MS

## **COVID-19 Pandemic: Surgery Response from Queens, NY**

Katherine McKenzie, DO, FACOS, FACS

## **Surgical Updates for Breast Cancer (Including Oncoplastics, Hidden Scar Technique and Reverse Axillary Mapping, etc)**

Jacqueline Oxenberg, DO, FACOS

## **Improved Patient Care through Lawsuit Protection and Prevention for Osteopathic Physicians**

Larry Oxenham

## **Physician Burn Out. Causation, Realization, Eradication**

Carl Pesta, FACOS, FASMBS

## **New 2021 Evaluation and Management Coding Guidelines: What Surgeons Need to Know**

Kim Pollock, RN, MBA, CPC, CMDP

## **Clinical Ethics 101**

Keelin F. Roche, MD, MPH

## **Role of Amniotic Placental Allograft In Reducing Colonic Anastomotic Leak Rates**

Thomas J. Shaknovsky, DO

## **Massive Hemorrhage: What is New and Novel for Assisting with Hemostasis?**

Paul J. Wisniewski, DO

## **General Surgery Podium Presentation**

### **A Rare Case of Cocaine Induced Biliary Tree Constriction in a Middle Aged Male**

Karlbuto Alexandre, DO

### **Adopting Single-Incision Laparoscopic Appendectomy in Children: Is It Safe During the Learning Curve?**

Shawn R. Chakraborty

### **Novel Approach to Reduce Transmission of COVID-19 During Tracheostomy**

Pete Foster, DO

## General Surgery Podium Presentation cont.

### **Hepatopancreaticobiliary Surgery Fellowship Selection Process: the Impact of Being a DO Candidate**

Joseph S. Lim, DO

### **Integration of Ultrasound Examinations of Thoracic and Abdominopelvic Anatomy Increases Student Confidence of Associated Anatomical and Clinical Concepts**

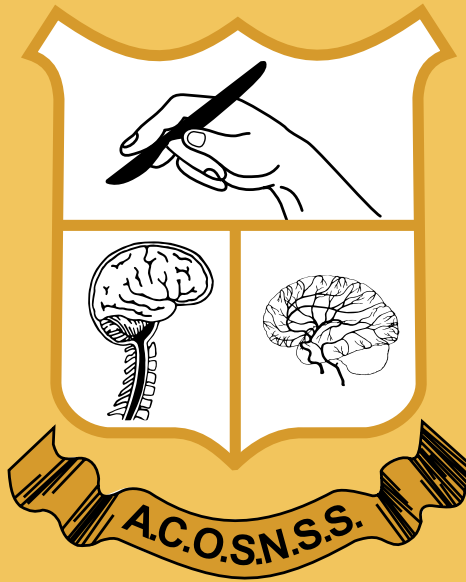
Janelle Lopez

### **Morbidity, Mortality, and Disability After Unhelmeted Motorcycle Accidents are Greater Than Their Helmeted Counterparts**

Edward J. Skicki, DO







# NEUROLOGICAL SURGERY DISCIPLINE

CHAIR: FRANCESCO T. MANGANO, DO, FACOS

CHAIR-ELECT: VACANT

PAST CHAIR: BRETT ALAN SCHLIFKA, DO, FACOS

SECRETARY TREASURER: HIREN N. PATEL, DO

ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE

## TUESDAY, OCTOBER 20

9:00 AM

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Mark A. Kalina

7:00 PM

### Women Surgeons Forum

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Anthony J. LaPorta, MD, FACS

6:00 PM

### ACOS Ceremonial Conclave

## THURSDAY, OCTOBER 22

6:30 PM

### Military Surgeons Member Forum

8:00 PM

### Rural Surgeons Member Forum

## ON-DEMAND

### Occipital Cervical Junction Trauma

Victor Awuor, DO, FACOS

### Surgical Management of Pediatric Epilepsy

Alexandra Beier, DO

### How to Effectively Manage Your Student Debt: Best Practices for Osteopathic Surgeons

Brandon Barfield



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BROADCAST

## ON-DEMAND

### **Finding the Right Practice and Signing the Right Contract**

Mary Breedlove, MHA, FASPR

### **Minimally Invasive Thoraco-lumbar Fusion**

Marc Cabanne, DO

### **Building a Quality Improvement Program**

Julie A. Caffrey, DO, FACOS

### **The Most Important Intracranial Cerebral Microvascular Anastomosis Is...But I Learned So Much More About...By Learning It**

John Cantando, DO

### **Pain Pumps Today, When and Where to Implement**

Roland F. Chalifoux, DO

### **Transradial Approaches to the CerebroVascular Brain**

Vladimir A. Cortez, DO

### **Pain Control in the Geriatric Surgical Patient**

Michael F. Ditillo, DO, FACS

### **The Effect of Single Accreditation on Medical Student Match Rates in Surgical Subspecialties: Outcomes from the ACOS Board of Governors GME Subcommittee**

Ian Etheart

### **A Surgical PACU in Queens New York that was Converted to an COVID-19 ICU During the Pandemic...The PACU Vs. the Pandemic**

Narinder P. Grewal, DO, FACOS

### **Minimally Invasive Oncological Spine Surgery**

Omid Hariri, DO

### **Management Spinal Epidural Abscess**

Mohammad Khan, DO

### **Communication in Discussions, Before a Crowd and Charting**

Christopher King, DO

### **Safe Acid Technology...The End of Surgical Infections?**

Benjamin Lam, DO, FACOS, FACS



## **Just How Crazy Can We Get? Damage Control Surgery**

Anthony J. LaPorta, MD, FACS

## **Artificial Intelligence in Surgery: An Overview**

Miguel A. Matos, DO, MBA, MHA, MS

## **Craniosynostosis- Knowledge Update**

Tanya Minasian, DO, FACOS

## **COVID19 Stroke and Racial Disparities**

Dan Miulli, DO, FACOS

## **Lessons from Traumatic Decompressive Craniectomy, Pentobarbital Coma, and Hypothermia**

Dan Miulli, DO, FACOS

## **Telemedicine and Hands-On Digital Technology to Enhance Patient Physician Relationship and Improve Communication**

Shivprasad Nikam, MD, FACS, MBA, FRCS(Ed)

## **My L.I.F. is Better Than Yours**

Jerry Noel, DO, MBA, FACS, FACOS

## **Improved Patient Care through Lawsuit Protection and Prevention for Osteopathic Physicians**

Larry Oxenham

## **International Neurosurgery: Lessons Learned from Kenya to the West Indies and Future Direction**

Hiren N. Patel, DO

## **Physician Burn Out. Causation, Realization, Eradication**

Carl Pesta, FACOS, FASMBS

## **New 2021 Evaluation and Management Coding Guidelines: What Surgeons Need to Know**

Kim Pollock, RN, MBA, CPC, CMDP

## **Importance of AOBS Board Certification**

Nicholas A. Qandah, DO, FACOS

## **Oral Board Exam Pearls**

Javed Siddiqi, MD, PhD

## **AI for Neurosurgery**

Gayatri Sonti, DO

## 2020 Neurosurgery Resident Annual Paper Award Presentations

Lane M. Lee, DO, FACS, FACOS

### **1st Place Winner: Provision of Rapid and Specific ex vivo Diagnosis of Central Nervous System**

Joseph Georges, DO, PhD

### **2nd Place Winner: Investigating the Correlation between Anterior-Posterior and Lateral Asymmetric Muscular Balance with Low Back Pain**

Stephen Albano, DO

### **3rd Place Winner: Intraparenchymal Hemorrhage After Evacuation of Chronic Subdural Hematoma: A Case Series and Systematic Literature Review**

Evan Krueger, DO

## Neurological Surgery Podium Presentation

### **Geographic Disparities in County-Level Prevalence of Allopathic, Osteopathic, Non-Surgical, and Surgical Residency Programs in the United States**

Dario A. Marotta, BS







# PLASTIC RECONSTRUCTIVE SURGERY DISCIPLINE

CHAIR: JAMIE M. MOENSTER, DO, FACOS

CHAIR-ELECT: VACANT

PAST CHAIR: JAMES SCOTT MCADOO, DO, FACOS

SECRETARY: JARED C. STORCK, DO, FACOS

ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE

# PLASTIC RECONSTRUCTIVE SURGERY DISCIPLINE

## TUESDAY, OCTOBER 20

9:00 AM

### Annual Membership Update

10:00 AM

### Keynote Address

Paul S. Nassif, MD, FACS

10:30 AM

### Theodore F. Classen Memorial Lecture

Mark A. Kalina

7:00 PM

### Women Surgeons Forum

## WEDNESDAY, OCTOBER 21

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6:30 PM

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8:00 PM

### Rural Surgeons Member Forum

## ON-DEMAND

### Composite BBL and 'Arabic Arch Suspension Suture' Technique

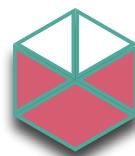
Alexander Aslani

### How to Effectively Manage Your Student Debt: Best Practices for Osteopathic Surgeons

Brandon Barfield

### Finding the Right Practice and Signing the Right Contract

Mary Breedlove, MHA, FASPR



LIVE  
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BROADCAST

## ON-DEMAND

### **Building a Quality Improvement Program**

Julie A. Caffrey, DO, FACOS

### **Facial Regenerative Surgery: The Reconstruction of Youth**

Steven R. Cohen, MD

### **BBL Techniques and Safety**

Daniel Del Vecchio, MD

### **Pain Control in the Geriatric Surgical Patient**

Michael F. Ditillo, DO, FACS

### **The Effect of Single Accreditation on Medical Student Match Rates in Surgical Subspecialties: Outcomes from the ACOS Board of Governors GME Subcommittee**

Ian Etheart

### **Techniques in Facelifting**

Mark A. Foglietti, DO, FACOS

### **A Surgical PACU in Queens New York that was Converted to an COVID-19 ICU During the Pandemic...The PACU Vs. the Pandemic**

Narinder P. Grewal, DO, FACOS

### **Safe Acid Technology ... The End of Surgical Infections?**

Benjamin Lam, DO, FACOS, FACS

### **Just How Crazy Can We Get? Damage Control Surgery**

Anthony J. LaPorta, MD, FACS

### **2020 ACOS Resident Scientific Research Presentations & Awards**

Lane M. Lee, DO, FACS, FACOS

### **Update on Breast Reduction**

Dennis Hammond, MD

### **Artificial Intelligence in Surgery: An Overview**

Miguel A. Matos, DO, MBA, MHA, MS

### **Improved Patient Care through Lawsuit Protection and Prevention for Osteopathic Physicians**

Larry Oxenham

## Physician Burn Out. Causation, Realization, Eradication

Carl Pesta, FACOS, FASMBS

## New 2021 Evaluation and Management Coding Guidelines: What Surgeons Need to Know

Kim Pollock, RN, MBA, CPC, CMDP

## Panel Discussion

James E. Zins, MD

## Rev Up Your Revenue Cycle for the Covid Era

Karen Zupko

## Plastic and Reconstructive Surgery Podium Presentation

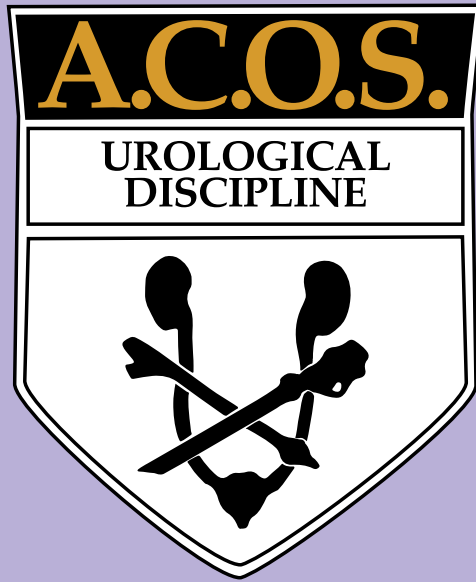
### Plastic Surgery During the COVID-19 Pandemic for Improved Mental Health and Quality of Life

Makayla J. Gologram, OMS-II

### An Innovative Approach To Mini Abdominoplasty Procedures Using Exclusively Local Anesthesia

Zach Zylstra, DO





# UROLOGICAL SURGERY DISCIPLINE

CHAIR: NANCY JEAN LOBBY, DO, FACOS

CHAIR-ELECT: KENNETH F. SHOCKLEY, DO, FACOS

PAST CHAIR: GREGORY V. MCINTOSH, DO, FACOS

SECRETARY TREASURER: MICHAEL J. CONSOLO, DO,  
FACOS

ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE



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### **Rural Surgeons Member Forum**

## ON-DEMAND

### **Contemporary Management of Advanced Endourologic Surgery**

Joel E. Abbott, DO, FACOS

### **Metabolic Management of Kidney Stones**

Joel E. Abbott, DO, FACOS

### **How to Effectively Manage Your Student Debt: Best Practices for Osteopathic Surgeons**

Brandon Barfield



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### **Finding the Right Practice and Signing the Right Contract**

Mary Breedlove, MHA, FASPR

### **Building a Quality Improvement Program**

Julie A. Caffrey, DO, FACOS

### **Pain Control in the Geriatric Surgical Patient**

Michael F. Ditillo, DO, FACS

### **The Effect of Single Accreditation on Medical Student Match Rates in Surgical Subspecialties: Outcomes from the ACOS Board of Governors GME Subcommittee**

Ian Etheart

### **A Surgical PACU in Queens New York that was Converted to an COVID-19 ICU During the Pandemic...The PACU Vs. the Pandemic**

Narinder P. Grewal, DO, FACOS

### **Safe Acid Technology ... The End of Surgical Infections?**

Benjamin Lam, DO, FACOS, FACS

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Anthony J. LaPorta, MD, FACS

### **2020 ACOS Resident Scientific Research Presentations & Awards**

Lane M. Lee, DO, FACS, FACOS

### **Artificial Intelligence in Surgery: An Overview**

Miguel A. Matos, DO, MBA, MHA, MS

### **To Be Determined**

Gregory C. McMahon, DO

### **Improved Patient Care through Lawsuit Protection and Prevention for Osteopathic Physicians**

Larry Oxenham

### **Adjunctive Techniques for Penile Prosthesis Surgery to Preserve Penile Length and Improve Patient Satisfaction**

Sravan Panuganti, DO

### **Current Treatment of BCG Refractive Non Muscle Invasive Bladder Cancer**

Scott Perrapato, DO, FACOS

## Physician Burn Out. Causation, Realization, Eradication

Carl Pesta, FACOS, FASMBS

## New 2021 Evaluation and Management Coding Guidelines: What Surgeons Need to Know

Kim Pollock, RN, MBA, CPC, CMDP

## Stress Urinary Incontinence In Women and Men

Kirin K. Syed, DO, FACOS

## Urological Surgery Podium Presentations

### Stopping the Flow: A Peculiar Case of Enlarged Prostate, Kidney Injury, Cardiac Dysfunction, and Colonic Polyps

Sydney A. Pekarek, OMS-III

### The Impact of Low Pressure Pneumoperitoneum in Robotic Assisted Radical Prostatectomy: A Prospective, Randomized, Double Blinded Trial

Matthew A. Rohloff, DO

### Radiation Exposure in the Operating Room: A Hidden Killer?

Jacob Thatcher, DO





# AMERICAN OSTEOPATHIC COLLEGE OF PROCTOLOGY

PROGRAM CHAIR:  
CHARLES D. DUDA, DO

PRESIDENT:  
MAZIAR GHODSIAN, DO

PRESIDENT-ELECT:  
SHANNON R. WESLEY, DO

EXECUTIVE DIRECTOR/SECRETARY-TREASURER:  
PAUL E. BRODERICK, DO

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OSTEOPATHIC SURGICAL CARE

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## ON-DEMAND

### How to Effectively Manage Your Student Debt: Best Practices for Osteopathic Surgeons

Brandon Barfield

### Finding the Right Practice and Signing the Right Contract

Mary Breedlove, MHA, FASPR

### Building a Quality Improvement Program

Julie A. Caffrey, DO, FACOS

### Colon Polyps: Overview and Surveillance Updates

Bryan Cross, DO

### Pain Control in the Geriatric Surgical Patient

Michael F. Ditillo, DO, FACS

## ON-DEMAND

### **Diet and IBD**

Charles D. Duda, DO

### **The Effect of Single Accreditation on Medical Student Match Rates in Surgical Subspecialties: Outcomes from the ACOS Board of Governors GME Subcommittee**

Ian Etheart

### **National Accreditation Program for Rectal Cancer**

Linda M. Farkas, MD

### **A Surgical PACU in Queens New York that was Converted to an COVID-19 ICU During the Pandemic...The PACU Vs. the Pandemic**

Narinder P. Grewal, DO, FACOS

### **Safe Acid Technology ... The End of Surgical Infections?**

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### **2020 ACOS Resident Scientific Research Presentations & Awards**

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### **Artificial Intelligence in Surgery: An Overview**

Miguel A. Matos, DO, MBA, MHA, MS

### **Improved Patient Care through Lawsuit Protection and Prevention for Osteopathic Physicians**

Larry Oxenham

### **Physician Burn Out. Causation, Realization, Eradication**

Carl Pesta, FACOS, FASMBS

### **New 2021 Evaluation and Management Coding Guidelines: What Surgeons Need to Know**

Kim Pollock, RN, MBA, CPC, CMDP

## **Total Practice Robotic Surgeon**

Matt M. Schultzel, DO

## **Fecal Incontinence: Diagnosis and Management**

Jenny R. Speranza, MD, FACS, FASCRS

## **Physician Burnout - A Review**

Robert M. West, DO



# ANNUAL CLINICAL ASSEMBLY SPEAKERS

ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE



## SPEAKERS WITH NOTHING TO DISCLOSE

**Stephen Albano, DO - Resident Physician**

Desert Regional Medical Center

*2nd Place Winner: Investigating the Correlation between Anterior-Posterior and Lateral Asymmetric Muscular Balance with Low Back Pain*

Delitto A, George SZ, Van Dillen L, et al.: Low back pain. J Orthop Sports Phys Ther. 2012, 42:1-57. 10.2519/jospt.2012.42.4.A1

Kent PM, Keating JL: The epidemiology of low back pain in primary care . Chiropr Osteopat. 2005, 13:13. 10.1186/1746-1340-13-13

Low back pain fact sheet . (2020). Accessed: August 16, 2020: <https://www.ninds.nih.gov/Disorders/Patient-Caregiver-Education/Fact-Sheets/Low-Back-Pain-Fact-Sheet>.

**Karlbuto Alexandre, DO - Resident Physician**

Detroit Medical Center - Sinai Grace

*General Surgery Podium Presentation: A Rare Case of Cocaine Induced Biliary Tree Constriction in a Middle Aged Male*

**Alexander Aslani - CEO**

Cirumed Clinic Marbella

*Composite BBL and 'Arabic arch suspension suture' Technique*

**Gerard A. Baltazar, DO, FACOS, FACS - Assistant Professor of Surgery**

NYU Long Island School of Medicine

*Trauma and Critical Care Papers That Should Change Your Practice 2020*

Dexamethasone treatment for the acute respiratory distress syndrome: a multicentre, randomised controlled trial. Villar J, Ferrando C, Martínez D, Ambrós A, Muñoz T, Soler JA, Aguilar G, Alba F, González-Higueras E, Conesa LA, Martín-Rodríguez C, Díaz-Domínguez FJ, Serna-Grande P, Rivas R, Ferreres J, Belda J, Capilla L, Tallet A, Añón JM, Fernández RL, González-Martín JM; dexamethasone in ARDS network. Lancet Respir Med. 2020 Mar;8(3):267-276.

Impact of protocolized diuresis for de-resuscitation in the intensive care unit. Bissell BD, Laine ME, Thompson Bastin ML, Flannery AH, Kelly A, Riser J, Neyra JA, Potter J, Morris PE. Crit Care. 2020 Feb 28;24(1):70.

Timing of Initiation of Renal-Replacement Therapy in Acute Kidney Injury. STARTR-AKI Investigators; Canadian Critical Care Trials Group, the Australian and New Zealand Intensive Care Society Clinical Trials Group, the United Kingdom Critical Care Research Group, the Canadian Nephrology Trials Network, and the Irish Critical Care Trials Group, Bagshaw SM, Wald R, Adhikari NKJ, Bellomo R, da Costa BR, Dreyfuss D, Du B, Gallagher MP, Gaudry S, Hoste EA, Lamontagne F, Joannidis M, Landoni G, Liu KD, McAuley DF, McGuinness SP, Neyra JA, Nichol AD, Ostermann M, Palevsky PM, Pettit V, Quenot JP, Qiu H, Rochwerf B, Schneider AG, Smith OM, Thomé F, Thorpe KE, Vaara S, Weir M, Wang AY, Young P, Zarbock A. N Engl J Med. 2020 Jul 16;383(3):240-251.

*Trauma Surgery: An Osteopathic Approach*

Barral JP & Croibier Alain. (1999). Trauma: An Osteopathic Approach. Eastland Press.

van Der Kolk B. (2014). The Body Keeps The Score: Brain, Mind, and Body in the Healing of Trauma. Penguin Books.

Jenkins TM. (2020). *Doctors' Orders: The Making of Status Hierarchies in an Elite Profession*. Columbia University Press.

## **Brandon Barfield - Director and Co-Founder**

Doctors Without Quarters

*How to Effectively Manage Your Student Debt: Best Practices for Osteopathic Surgeons*

<https://studentaid.gov/manage-loans/forgiveness-cancellation/public-service>

<http://dwoq.wpengine.com/marriage-taxes-and-student-loans/>

## **Alexandra Beier, DO - Associate Professor of Neurosurgery and Pediatrics**

University of Florida

*Surgical Management of Pediatric Epilepsy*

Jayakar P, Gaillard WD, Tripathi M, et al. Diagnostic test utilization in evaluation for resective epilepsy surgery in children. Recommendations on behalf of the Task Force for Paediatric Epilepsy Surgery and the Diagnostic Commission of the ILAE. *Epilepsia* 2014;55:507–518.

Bulacio JC, Jehi L, Wong C, et al. Long-term seizure outcome after resective surgery in patients evaluated with intracranial electrodes. *Epilepsia* 2012;53:1722–1730.

Wellmer J, von der Groeben F, Klarmann U, et al. Risks and benefits of invasive epilepsy surgery workup with implanted subdural and depth electrodes. *Epilepsia* 2012;53:1322–1332.

## **Mary Breedlove, MHA, FASPR - Manager, Training Program Outreach**

HCA Healthcare

*Finding the Right Practice and Signing the Right Contract*

<https://hcahealthcare.com/physicians/training-program-outreach/>

## **Marc Cabanne, DO - Neurosurgery Resident PGY-5**

Riverside University Health System Medical Center

*Minimally Invasive Thoraco-lumbar Fusion*

## **Julie A. Caffrey, DO, FACOS - Associate Professor**

Johns Hopkins University School of Medicine

*Building a Quality Improvement Program*

Academy of Medical Royal Colleges (AoMRC). Quality improvement: training for better outcomes. March 2016. <http://www.aomrc.org.uk/reports-guidance/quality-improvementtraining-better-outcomes/>

Vaux E, Went S, Norris M, Ingham J. Learning to make a difference: introducing quality improvement methods to core medical trainees. *Clin Med (Lond)* 2012;12:520-5.10.7861/clinmedicine.12-6-520 23342404

Bethune R, Soo E, Woodhead P, Van Hamel C, Watson J. Engaging all doctors in continuous quality improvement: a structured, supported programme for first-year doctors across a training deanery in England. *BMJ Qual Saf* 2013;22:613-7.10.1136/bmjqs-2013-001926 23661281

## **John Cantando, DO**

*The Most Important Intracranial Cerebral Microvascular Anastomosis is...But I*

*Learned So Much More About...By Learning It*

## **Shawn R. Chakraborty - Student**

Alabama College of Osteopathic Medicine

*General Surgery Podium Presentation: Adopting Single-Incision Laparoscopic Appendectomy in Children: Is It Safe During the Learning Curve?*

## **Roland F. Chalifoux, DO - President/CEO**

Rivers Edge Pain Relief

*Pain Pumps Today, When and Where to Implement*

## **Vladimir A. Cortez, DO - Endovascular Neuroradiology & Neurointerventional Neurosurgeon**

Redlands Community Hospital Arrowhead Regional Medical Center Riverside University Health Systems

*Transradial Approaches to the CerebroVascular Brain*

[https://journals.lww.com/prsgo/Fulltext/2019/08000/Injectable\\_Tissue\\_Replacement\\_and\\_Regeneration\\_26.aspx](https://journals.lww.com/prsgo/Fulltext/2019/08000/Injectable_Tissue_Replacement_and_Regeneration_26.aspx)

<https://pubmed.ncbi.nlm.nih.gov/29025218/>

## **Bryan Cross, DO - Chief, Specialty Care**

Alexandria VAMC

*Colon Polyps: Overview and Surveillance Updates*

Groff RJ, Nash R, Ahnen DJ. Significance of serrated polyps of the colon. *Curr Gastroenterol Rep.* 2008;10(5):490-498. doi:10.1007/s11894-008-0090-z

Gupta S, Lieberman D, Anderson JC, et al. Recommendations for Follow-Up After Colonoscopy and Polypectomy: A Consensus Update by the US Multi-Society Task Force on Colorectal Cancer. *Gastroenterology.* 2020;158(4):1131-1153.e5. doi:10.1053/j.gastro.2019.10.026

Kudo's Classification for Colon Polyps Assessment Using a Deep Learning Approach - Scientific Figure on ResearchGate. Available from: [https://www.researchgate.net/figure/Examples-of-Kudos-classification-scale-of-Polyps-ranging-from-I-through-V\\_fig1\\_338515791](https://www.researchgate.net/figure/Examples-of-Kudos-classification-scale-of-Polyps-ranging-from-I-through-V_fig1_338515791) [accessed 25 Sep, 2020]

## **Daniel Del Vecchio, MD**

*BBL Techniques and Safety*

## **Michael F. Ditillo, DO, FACS - Assistant Professor of Surgery**

University of Arizona

*Pain Control in the Geriatric Surgical Patient*

Sternbach RA, ed. *The Psychology of Pain.* 1978. p 223-39

AGS panel on persistent pain in older persons, *JAGS* 50:s205-s224, 2002.

Ferrell B A: Pain evaluation and management in the nursing homes, *Ann Intern Med,* 123(9):681-687,1992.

*Use of Frailty as a Preoperative Component of Informed Consent*

Morley et al. *J Am Med Dir Assoc.* 2014

Joseph, Bellal MD; Pandit, Viraj MD; Rhee, Peter MD; Aziz, Hassan MD; Sadoun, Moutamn MD;

Wynne, Julie MD; Tang, Andrew MD; Kulvatunyou, Narong MD; O'Keeffe, Terence MB, ChB; Fain, Mindy J. MD; Friese, Randall S. MD Predicting hospital discharge disposition in geriatric trauma patients: Is frailty the answer?, *Journal of Trauma and Acute Care Surgery*: January 2014 - Volume 76 - Issue 1 - p 196-200

Joseph B, Pandit V, Zangbar B, Kulvatunyou N, Tang A, O'Keeffe T, Green DJ, Vercruysse G, Fain MJ, Friese RS, Rhee P. Validating trauma-specific frailty index for geriatric trauma patients: a prospective analysis. *J Am Coll Surg*. 2014 Jul;219(1):10-17.e1. doi: 10.1016/j.jamcollsurg.2014.03.020. Epub 2014 Mar 19. Erratum in: *J Am Coll Surg*. 2016

## Chi Chi Do-Nguyen - Medical Student

Philadelphia College of Osteopathic Medicine

*Cardiothoracic and Vascular Surgery Podium Presentation: Leadership Positions Held Among Osteopathic Female and Male Cardiothoracic Surgeons*

## Charles D. Duda, DO - Staff Physician

Mercer Health

*Diet and IBD*

Breaking the vicious cycle: intestinal health through diet E Gottschall, EG Gottschall - 1994 - Kirkton, Ont.: Kirkton Press

## Ian Etheart - Medical Student

West Virginia School of Osteopathic Medicine

*The Effect of Single Accreditation on Medical Student Match Rates in Surgical Subspecialties: Outcomes from the ACOS Board of Governors GME Subcommittee*

Charting Outcomes in the Match: Senior Students of U.S Osteopathic Medical Schools.

Characteristics of Senior Students of Osteopathic Medical Schools Who Matched to Their Preferred Specialty in 2018 Main Residency Match. 1st Ed. The Match National Resident Matching Program. <https://mk0nrmp3oyqui6wqfm.kinstacdn.com/wp-content/uploads/2018/06/Charting-Outcomes-in-the-Match-2018-Osteo.pdf>. Accessed June 27, 2020.

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Results and Data 2018 Main Residency Match. The Match National Residency Matching Program. <https://mk0nrmp3oyqui6wqfm.kinstacdn.com/wp-content/uploads/2018/04/Main-Match-Result-and-Data-2018.pdf>. Accessed June 27, 2020.

## Betty Fan, DO, FACOS - Breast Surgeon

Indiana University Health Medical Center

*Nipple Sparing Mastectomies: Contemporary Indications, Patient Selection, Technical Aspects*

Mastectomy. Mayo Clinic Patient Care & Health Information. Accessed September 29, 2020.

Nipple and Skin Sparing Mastectomy. Baylor College of Medicine Healthcare: Cancer Care. Accessed September 29, 2020.

Tousimis E, Haslinger M. Overview of indications for nipple sparing mastectomy. *Gland Surg*. 2018;7(3):288-300. doi:10.21037/g.s.2017.11.11

## **Linda M. Farkas, MD - Professor of Surgery**

UT Southwestern Medical Center

### *National Accreditation Program for Rectal Cancer*

Porter G, Soskolne C, Yakinets W. Surgeon-Related Factors and Outcome in Rectal Cancer Annals of Surgery. 227(2):157-167, February 1998.

Ricciardi R, Virnig B, Madoff R et al. The Status of Radical Proctectomy and Sphincter-Sparing Surgery in the United States. Diseases of the Colon and Rectum Surgery August 2007

## **Mark A. Foglietti, DO, FACOS - Director**

Cosmetic Surgery Institute \*\* Ohio Stem Cell Treatment Center

### *Techniques in Facelifting*

Clinics in Plastic Surgery, Zins/Charafeddine, October 2019

## **Pete Foster, DO - Resident**

Berkshire Medical Center

### *General Surgery Podium Presentation: Novel Approach to Reduce Transmission of COVID-19 During Tracheostomy*

## **Joseph Georges, DO, PhD - Resident Physician**

Philadelphia College of Osteopathic Medicine

### *1st Place Winner: Provision of Rapid and Specific ex vivo Diagnosis of Central Nervous System*

## **Makayla J. Gologram, OMS-II - Medical Student**

Lake Erie College of Osteopathic Medicine

### *Plastic and Reconstructive Surgery Podium Presentation: Plastic Surgery During the COVID-19 Pandemic for Improved Mental Health and Quality of Life*

## **Narinder P. Grewal, DO, FACOS - Surgeon/Critical Care Intensivist**

St Johns Episcopal Hospital

### *A Surgical PACU in Queens New York that was Converted to an COVID-19 ICU during the Pandemic...The PACU Vs. the Pandemic*

Abir, Mahshid, Christina Cutter, and Christopher Nelson, "COVID-19: A Stress Test for a US Health Care System Already Under Stress," Health Affairs Blog, March 11, 2020. As of March 25, 2020: <https://www.healthaffairs.org/doi/10.1377/hblog20200310.530622/full/>

Abir, Mahshid, Christopher Nelson, Edward W. Chan, Hamad Al-Ibrahim, Christina Cutter, Karishma Patel, and Andy Bogart, RAND Critical Care Surge Response Tool: An Excel-Based Model for Helping Hospitals Respond to the COVID-19 Crisis, Santa Monica, Calif.: RAND Corporation, TL-A164-1, 2020. As of April 27, 2020: <https://www.rand.org/pubs/tools/TLA164-1.html>

American Hospital Association, "AHA Data and Directories," online database, accessed March 27, 2020. As of March 27, 2020: <https://www.aha.org/other-resources/2018-01-08-aha-data-and-directories>

## **Omid Hariri, DO - Neurosurgeon & Complex Spine Surgeon**

Kaiser Permanente, Orange County



## *Minimally Invasive Oncological Spine Surgery*

**Terence Jackson, MD** - HepatoPancreatoBiliary, Foregut and General Surgeon

Cleveland Clinic Akron General

*Laparoscopic CBD Exploration for the Community General Surgeon*

*Tips and Tricks for difficult gallbladders*

**Rachel E. Kaczynski, DO** - General Surgical Resident

St. John's Episcopal Hospital

*Cardiothoracic and Vascular Surgery Podium Presentation: Survival After Distal*

*Esophageal Rupture: A Case Report of Prolonged Intrathoracic Complications After Conversion from Mallory Weiss Tear to Boerhaave's Syndrome During a Pandemic*

**Mark A. Kalina** - Director

The Mark Kalina Jr. Foundation

*Theodore F. Classen Memorial Lecture*

**Mohammad Khan, DO**

*Management Spinal Epidural Abscess*

**Christopher King, DO** - President

Neurologic Associates of Wisconsin

*Communication in Discussions, Before a Crowd and Charting*

<https://www.fearlesspresentations.com/how-to-stop-using-er-um-and-other-filler-words-in-speeches/>

<https://www.forbes.com/sites/work-in-progress/2014/12/17/four-ways-to-stop-saying-um-and-other-filler-words/#754afa462515>

[https://www.youtube.com/watch?v=W995352\\_kkw](https://www.youtube.com/watch?v=W995352_kkw) and <https://www.youtube.com/watch?v=mwgwgNujXaA>

**Evan Krueger, DO** - Neurosurgery Resident

Advocate BroMenn Regional Medical Center

*3rd Place Winner: Intraparenchymal Hemorrhage After Evacuation of Chronic*

*Subdural Hematoma: A Case Series and Systematic Literature Review*

Omura T, Fukushima Y, Yoshikawa G, et al. Cerebral hyperperfusion syndrome after a burr hole drainage surgery for chronic subdural hematoma. *World Neurosurg.* 2019;124: 5-8.

Ogasawara K, Ogawa A, Okuguchi T, Kobayashi M, Suzuki M, Yoshimoto T. Postoperative hyperperfusion syndrome in elderly patients with chronic subdural hematoma. *Surg Neurol.* 2000;54(2): 155-159.

Tanioka S, Sato Y, Tsuda K, Niwa S, Suzuki H. Prolonged Cerebral Hyperperfusion and Subcortical Low Intensity on Fluid- Attenuated Inversion Recovery Images: Unusual Manifestation After Removal of Organized Chronic Subdural Hematoma. *World Neurosurg.* 2017;101: 812.e811-814.

**Benjamin Lam, DO, FACOS, FACS** - Program Director Plastic & Reconstructive Surgery

PCOM

*Safe Acid Technology ... The End of Surgical Infections?*

**Ryan Landis, MD, MS** - Assistant Professor of Surgery

James H. Quillen College of Medicine East Tennessee State University

*Not Promising: Frailty and Emergency General Surgery*

**Anthony J. LaPorta, MD, FACS** - Colonel Retired, USAMC, Professor of Surgery and Military Medicine, Defense Health Board Subcommittee on Trauma and Injury

Rocky Vista University

*Just How Crazy Can We Get? Damage Control Surgery*

*Keynote Address | Changing the Face of Training*

LaPorta AJ; McKee, J; Hoang, T; Mcbeth, P; Gillman, L; Kirkpatrick, A: Stress Inoculation: Preparing Outside the Box in Surgical Resuscitation and Education. *Current Trauma, Current Trauma Rep* (2017) 3: 135. doi:10.1007/s40719-017-0090-2

Tuan N. Hoang, MD, FACS; Jeff Kang, MD, FACS; Kris Siriratsivawong, MD; Anthony LaPorta, MD, FACS (Ret.); Amber Heck, PhD; Jessica Ferraro, BSN; Douglas Robinson, MS4; Jonathan Walsh, MS3. Hyper-realistic, team-centered fleet surgical team training provides sustained improvements in performance *Journal Surgical Education*, Volume 73, issue 4, p.668-674.

Mueller G; Moloff, A; Wedmore, I; Schoeff, J.E.; LaPorta, A.J.; "High Intensity Scenario Training of Military Medical Students to Increase Learning Capacity and Management of Stress Response" *Journal of Special Operations Medicine*, Vol. 12, Ed 2, Summer, 2012.

**Sharon B. Larson, DO, MS, FACOS, FACS** - Clinical Assistant Professor of Surgery

University of Iowa

*Enhanced Recovery After Cardiac Surgery*

Ljungqvist O, Scott M, Fearon KC. Enhanced recovery after surgery: a review. *JAMA Surg.* 2017;152:292-8.

Fleming IO, Garratt C, Guha R, Desai J, Chaubey S, Wang Y, et al. Aggregation of marginal gains in cardiac surgery: feasibility of a perioperative care bundle for Enhanced Recovery in Cardiac Surgical Patients. *J Cardiothorac Vasc Anesth.* 2016;30:665-70.

Li M, Zhang J, Gan TJ, Qin G, Wang L, Zhu M, et al. Enhanced recovery after surgery pathway for patients undergoing cardiac surgery: a randomized clinical trial. *Eur J Cardiothorac Surg.* 2018;54:491-7.

*Surgery for Aortic Stenosis: When and Why?*

Lindman B.R., Bonow R.O., Otto C.M. (2013) Current management of calcific aortic stenosis. *Circ Res* 113:223-237.

Lytvyn L., Guyatt G.H., Manja V., et al. (2016) Patient values and preferences on transcatheter or surgical aortic valve replacement therapy for aortic stenosis: a systematic review. *BMJ Open* 6:e014327.

O'Brien S.M., Shahian D.M., Filardo G., et al. (2009) The Society of Thoracic Surgeons 2008 cardiac surgery risk models: part 2—isolated valve surgery. *Ann Thorac Surg* 88:S23-S42.

**Lane M. Lee, DO, FACS, FACOS** - Vascular Surgeon

Genesis Hospital

*2020 ACOS Resident Scientific Research Presentations & Awards*

## **Joseph S. Lim, DO - General Surgery Resident**

Medical City Arlington / TCU-UNTHSC SOM

*General Surgery Podium Presentation: Hepatopancreaticobiliary Surgery Fellowship Selection Process: the Impact of Being a DO Candidate*

## **Janelle Lopez - Student**

Midwestern University, Arizona College of Osteopathic Medicine

*General Surgery Podium Presentation: Integration of Ultrasound Examinations of Thoracic and Abdominopelvic Anatomy Increases Student Confidence of Associated Anatomical and Clinical Concepts*

## **Dario A. Marotta, BS - Medical Student**

Alabama College of Osteopathic Medicine (ACOM)

*Neurological Surgery Podium Presentation: Geographic Disparities in County-Level Prevalence of Allopathic, Osteopathic, Non-Surgical, and Surgical Residency Programs in the United States*

## **Lynn Mathia, DO, FACOS - Surgeon**

McLaren-Oakland

*Cadaver Femoral Vein for Primary Dialysis Access*

## **Miguel A. Matos, DO, MBA, MHA, MS - Assistant Professor of Surgery**

Virginia Tech Carilion

*Artificial Intelligence in Surgery: An Overview*

## **Katherine McKenzie, DO, FACOS, FACS - Trauma Medical Director**

Jamaica Hospital Medical Center

*COVID-19 Pandemic: Surgery Response from Queens, NY*

Ross SW, et al. "Maximizing the Calm before the Storm: A Tiered Surgical Response Plan for COVID-19". J Am Coll Surg. March 2020.

Richardson S, Hirsch J, Narasimhan M. "Presenting Characteristics, Comorbidities, and Outcomes Among 5700 Patients Hospitalized with COVID-19 in the New York City Area". JAMA. April 2020.

Gifford A, Spiro P. "Augmenting Critical Care Capacity During a Disaster." Fundamental Disaster Management, edited by Geiling J, Burns S, Robinson L, Smundson D, Society of Critical Care Medicine, 2009, p. 3-1 to 3-10. <https://www.sccm.org/getattachment/ac257dd2-f6e7-491b-9873-0b3c9007d89f/Augmenting-Critical-Care-Capacity-During-A-Disaste>

## **Gregory C. McMahon, DO - Urology Resident**

Rowan SOM / Jefferson Health / Our Lady of Lourdes

*To Be Determined*

## **Tanya Minasian, DO, FACOS - Pediatric Neurosurgeon and Assistant Professor**

Loma Linda University Children's Health

*Craniosynostosis- Knowledge Update*

Hashim, P, W. et al. The effects of whole-vault cranioplasty versus strip craniectomy on long



term neuropsychological outcomes in sagittal craniosynostosis. *Plastic and Reconstructive Surgery*, 134, 2014.

Fenger-Eriksen, C. et al. Effect of Tranexamic Acid on Coagulation and Fibrin clot properties in children undergoing craniofacial surgery. *Coagulation and Fibrinolysis*, 2020.

McCluggage, S. G. et al. Incidence of delayed intracranial hypertension in children with isolated sagittal synostosis following open calvarial vault reconstruction. *Child's Nervous System*, 36, 2020.

## **Dan Miulli, DO, FACOS** - Program Director, Neurosurgeon

Riverside University Health System-Neurological Surgery

*Lessons from Traumatic Decompressive Craniectomy, Pentobarbital Coma, and Hypothermia*

Gregory W, et al. Guidelines for the Management of Severe Head Injury 4th Edition 2016  
Guidelines for the Management of Severe Head Injury: 2020 Update of the Decompressive Craniectomy (DC) Recommendations *Neurosurgery* 87:3 Sept 2020:427-434 6

Brain Trauma Foundation, American Association of Neurological Surgeons, Congress of Neurological Surgeons. Guidelines for the management of severe traumatic brain injury. *Neurosurgery*. 2017; 80:6-15 (suppl 1):S1-244

Ogunlade J, et al. Severe traumatic brain injury requiring surgical decompression in the young adult: factors influencing morbidity and mortality a retrospective analysis. *Cureus*. July 24, 2018

## *COVID19 Stroke and Racial Disparities*

Meretoja A, Strbian D, Mustanoja S, Tatlisumak T, Lindsberg PJ, Kaste M. Reducing in-hospital delay to 20 minutes in stroke thrombolysis. *Neurology*. 2012 Jul 24;79(4):306-13.

Teo K-C, Leung WCY, Wong Y-K, Liu RKC, Chan AHY, Choi OMY, et al. Delays in Stroke Onset to Hospital Arrival Time During COVID-19. *Stroke*. 2020 May 20;STROKEAHA120030105.

Schirmer CM, Ringer AJ, Arthur AS, Binning MJ, Fox WC, James RF, et al. Delayed presentation of acute ischemic strokes during the COVID-19 crisis. *J Neurointerv Surg*. 2020 May 28;

## **Troy Moritz, DO, FACOS** - Director of Thoracic Surgery

UPMC Pinnacle

*Early Experience with Thorascopic Internal Rib Plating*

## **Paul S. Nassif, MD, FACS** - Plastic and Reconstructive Surgeon

*Keynote Address*

## **Jerry Noel, DO, MBA, FACS, FACOS** - Attending Neurosurgeon / Assistant Professor

Riverside University of Health Sciences

*My L.I.F. is Better Than Yours*

## **Tanya Odisho, DO** - General Surgery Resident Physician, PGY-2

DMC Sinai Grace Hospital

*Cardiothoracic and Vascular Surgery Podium Presentation: Hypoplastic Aortoiliac Syndrome Causing Severe Claudication*

## Jane Ohde, DO - Minimally Invasive Foregut Fellow

AHN Esophageal Institute

*Cardiothoracic and Vascular Surgery Podium Presentation: Symptomatic Esophageal Duplication Cyst in a 65-year-old Male*

## Jacqueline Oxenberg, DO, FACOS - Surgical Oncologist. Director NAPBC GWV

Geisinger Wyoming Valley

*Surgical Updates for Breast Cancer (Including Oncoplastics, Hidden Scar Technique and Reverse Axillary Mapping, etc)*

Klimberg A, Protocol update to Alliance A221702. cancer.gov

Giuliano AE, Ballman KV, McCall L, et al. Effect of Axillary Dissection vs No Axillary Dissection on 10-Year Overall Survival Among Women With Invasive Breast Cancer and Sentinel Node Metastasis: The ACOSOG Z0011 (Alliance) Randomized Clinical Trial. JAMA. 2017;318(10):918–926. doi:10.1001/jama.2017.11470

Donker M, van Tienhoven G, Straver ME, Meijnen P, van de Velde CJ, Mansel RE, Cataliotti L, Westenberg AH, Klinkenbijl JH, Orzalesi L, Bouma WH, van der Mijle HC, Nieuwenhuijzen GA, Veltkamp SC, Slaets L, Duez NJ, de Graaf PW, van Dalen T, Marinelli A, Rijna H, Snoj M, Bundred NJ, Merkus JW, Belkacemi Y, Petignat P, Schinagl DA, Coens C, Messina CG, Bogaerts J, Rutgers EJ. Radiotherapy or surgery of the axilla after a positive sentinel node in breast cancer (EORTC 10981-22023 AMAROS): a randomised, multicentre, open-label, phase 3 non-inferiority trial. Lancet Oncol. 2014 Nov;15(12):1303-10. doi: 10.1016/S1470-2045(14)70460-7. Epub 2014 Oct 15. PMID: 25439688; PMCID: PMC4291166.

## Sravan Panuganti, DO - Sexual Medicine Fellow

University of Texas Health Science Center-Houston/ MD Anderson Cancer Center

*Adjunctive Techniques for Penile Prosthesis Surgery to Preserve Penile Length and Improve Patient Satisfaction*

Deveci S, Martin D, Parker M, et. al. Penile Length Alterations Following Penile Prosthesis Surgery. Euro Urol 2007; 51:1128-1131.

Habous M, Giona S, Tealab A, et. al. Penile length is preserved after implant surgery. BJU Int 2019; 123:885-890.

Osterberg EC, Maganty A, Ramasamy R, et. al. Pharmacologically induced erect penile length and stretched penile length are both good predictors of post-inflatable prosthesis penile length. Int J of Impot Res 2014; 26:128-131.

## Hiren N. Patel, DO - Neurosurgeon

Mass General Brigham Health

*International Neurosurgery: Lessons Learned from Kenya to the West Indies and Future Direction*

Mansouri, A., Chan, V., Njaramba, V., Cadotte, D. W., Albright, A. L., & Bernstein, M. (2015). Sources of delayed provision of neurosurgical care in a rural Kenyan setting. Surgical Neurology International, 6.

Mwita, C. C., Johnstone Muthoka, S. M., Mulingwa, P., & Gwer, S. (2016). Early management of traumatic brain injury in a Tertiary hospital in Central Kenya: A clinical audit. Journal of neurosciences in rural practice, 7(1), 97.

Sileshi, B., Newton, M. W., Kiptanui, J., Shotwell, M. S., Wanderer, J. P., Mungai, M., ... & McEvoy, M. D. (2017). Monitoring anesthesia care delivery and perioperative mortality in Kenya

utilizing a provider-driven novel data collection tool. *Anesthesiology: The Journal of the American Society of Anesthesiologists*, 127(2), 250-271.

## **Sydney A. Pekarek, OMS-III - Student Doctor**

Midwestern University Chicago College of Osteopathic Medicine

*Urological Surgery Podium Presentation: Stopping the Flow: A Peculiar Case of Enlarged Prostate, Kidney Injury, Cardiac Dysfunction, and Colonic Polyps*

## **Scott Perrapato, DO, FACOS - Associate Professor**

Larner College of Medicine

*Current Treatment of BCG Refractive Non Muscle Invasive Bladder Cancer Treatment of BCG Refractive Non Muscle Invasive Bladder Cancer*

Dr Ed Ellison Ted Talk You Tube

Physician Burnout in 2019, Chared. Advisory board. <https://www.advisory.com/daily-briefing/2019/01/18burnout-report>. accessed January, 2020

## **Carl Pesta, FACOS, FASMBS - Bariatric, General, Trauma and Cosmetic Surgeon**

McLaren Macomb Hospital

*Physician Burn Out. Causation, Realization, Eradication.*

## **Kim Pollock, RN, MBA, CPC, CMDP - Consultant**

KarenZupko & Associates, Inc.

*New 2021 Evaluation and Management Coding Guidelines: What Surgeons Need to Know*

American Medical Association Current Procedural Terminology (CPT(R)) 2021  
[https://commerce.ama-assn.org/store/ui/catalog/productDetail?product\\_id=prod3060011&navAction=push](https://commerce.ama-assn.org/store/ui/catalog/productDetail?product_id=prod3060011&navAction=push)

## **Nicholas A. Qandah, DO, FACOS - Director of Neurosurgery**

Mohawk Valley Health System

*Importance of AOBs Board Certification*  
AOBS

## **Keelin F. Roche, MD, MPH - Assistant Professor of Surgery**

James H. Quillen College of Medicine East Tennessee State University

*Clinical Ethics 101*

Jonsen AR, Seigler M & Winslade WJ. *Clinical Ethics: A Practical Approach to Ethical Decisions in Clinical Medicine*. 8th ed. New York, NY: McGraw Hill; 2015.

Beauchamp TL, Childress JF. *Principles of Biomedical Ethics*. 7th ed. New York, NY: Oxford University Press; 2013.

Singer PA, Viens AM. *Religious and cultural perspectives in bioethics. The Cambridge Textbook of Bioethics*. Cambridge: Cambridge University Press; 2008: sec IX:379-444

## **Matthew A. Rohloff, DO - Urological Surgery Resident**

Metro Health: University of Michigan Health

*Urological Surgery Podium Presentation: The Impact of Low Pressure*

*Pneumoperitoneum in Robotic Assisted Radical Prostatectomy: A Prospective, Randomized, Double Blinded Trial*

## **Matt M. Schultzel, DO - Surgeon**

SHARP and Scripps Hospital systems

*Total Practice Robotic Surgeon*

<https://www.sages.org/meetings/annual-meeting/abstracts-archive/icg-fluorescence-imaging-of-biliary-anatomy-during-laparoscopic-cholecystectomy/>

<https://today.uic.edu/ui-health-surgeons-light-up-gi-tract-to-safely-remove-gall-bladder>

Emile SH, Elfeki H, Shalaby M, et al. Intracorporeal versus extracorporeal anastomosis in minimally invasive right colectomy: an updated systematic review and meta-analysis. *Tech Coloproctol.* 2019;23(11):1023-1035. doi:10.1007/s10151-019-02079-7

## **Thomas J. Shaknovsky, DO - General Surgeon/Associate Professor**

Southeast Health/Alabama College of Osteopathic Medicine

*Role of Amniotic Placental Allograft In Reducing Colonic Anastomotic Leak Rates*

## **Javed Siddiqi, MD, PhD - Chairman of Neurosurgery**

Riverside University Health System, Medical Center

*Oral Board Exam Pearls*

## **Edward J. Skicki, DO - Trauma Surgeon**

PennMedicine - Lancaster General Hospital

*General Surgery Podium Presentation: Morbidity, Mortality, and Disability After Unhelmeted Motorcycle Accidents are Greater Than Their Helmeted Counterparts*

## **Gayatri Sonti, DO - Neurological Surgeon**

Swedish American Hospital

*AI for Neurosurgery*

## **Jenny R. Speranza, MD, FACS, FASCRS - Associate Professor of Surgery**

University of Rochester

*Fecal Incontinence: Diagnosis and Management*

## **Kirin K. Syed, DO, FACOS - Physician**

Holy Cross Hospital

*Stress Urinary Incontinence In Women and Men*

Surgical Treatment of Female Stress Urinary Incontinence (SUI): AUA/SUFU Guideline (2017)

Trabuco EC, Gebhart JB. Transvaginal synthetic mesh: Use in stress urinary incontinence (SUI).

In: Post TW, ed. UpToDate. Waltham, MA: UpToDate Inc. 2018. [www.uptodate.com](http://www.uptodate.com). Accessed May 23rd 2018

Anger, JT et. al J Urol. 2006;176:2103-2108 Incontinence after Prostate Treatment: AUA/SUFU Guidelines (2019)

## **Christopher F. Tanga, DO - Vascular Surgery Fellow**

University at Buffalo

*Cardiothoracic and Vascular Surgery Podium Presentation: Ruptured Congenital Abdominal Aortic Aneurysm in an 11-Year-Old with Multiple Peripheral Artery Aneurysms*

**Jacob Thatcher, DO - Resident**

Rowan

*Urological Surgery Podium Presentation: Radiation Exposure in the Operating Room: A Hidden Killer?*

**Robert M. West, DO - Proctologist**

West County Colon and Rectal Care

*Physician Burnout - A Review*

Dewa CS, Loong D, Bonato S, Trojanowski L. The relationship between physician burnout and quality of healthcare in terms of safety and acceptability: a systematic review. *BMJ Open*. 2017 Jun 21;7(6):e015141. doi: 10.1136/bmjopen-2016-015141. PMID: 28637730; PMCID: PMC5734243.

Fred HL, Scheid MS. Physician Burnout: Causes, Consequences, and (?) Cures. *Tex Heart Inst J*. 2018;45(4):198-202. Published 2018 Aug 1. doi:10.14503/THIJ-18-6842

Gazelle G, Liebschutz JM, Riess H. Physician burnout: coaching a way out. *J Gen Intern Med*. 2015 Apr;30(4):508-13. doi: 10.1007/s11606-014-3144-y. Epub 2014 Dec 20. PMID: 25527340; PMCID: PMC4371007.

**Paul J. Wisniewski, DO - Director Navy Trauma Training Center**

Desert Trauma Surgeons, Palm Springs, CA

*Massive Hemorrhage: What is New and Novel for Assisting with Hemostasis?*

**Albert Yurvati, DO, PhD, FACOS - DSWOP Endowed Professopr of Surgery**  
UNTHSC-TCOM

*Intravenous Pyruvate to Protect Organs During Closed-Chest Resuscitation and Recovery from Cardiac Arrest*

Clifford CC : Treating traumatic bleeding in a combat setting . *Milit Med* 2004 ; 169: 8 – 10 .

Lakstein D , Blumenfeld A , Sokolov T , et al : Tourniquets for hemorrhage control on the battlefield: A 4-year accumulated experience . *J Trauma* 2003 ; 54: S221 – 5 .

Alam HB , Stanton K , Koustova E , Burris D , Rich N , Rhee P : Effect of different resuscitation strategies on neutrophil activation in a swine model of hemorrhagic shock . *Resuscitation* 2004 ; 60: 91 – 9 .

**Zach Zylstra, DO - Student**

Midwestern University

*Plastic and Reconstructive Surgery Podium Presentation: An Innovative Approach To Mini Abdominoplasty Procedures Using Exclusively Local Anesthesia*

**James E. Zins, MD - Chairman, Plastic Surgery**

Cleveland Clinic

*Panel Discussion*

Clinics in Plastic Surgery, Zins/Charaffedine, October 2019



## SPEAKERS WITH DISCLOSURES

**Joel E. Abbott, DO, FACOS - Physician - Endourologist**

Pacific West Urology

*Contemporary Management of Advanced Endourologic Surgery*

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John Kourambas, Peter Aslan, Chu Leong Teh, Barbara J. Mathias, and Glenn M. Preminger. Role of Stone Analysis in Metabolic Evaluation and Medical Treatment of Nephrolithiasis. *J Endo* 2004

*Disclosures*

Boston Scientific (Self): Consultant, Speaker; Karl Storz (Self) : Consultant, Speaker

**Victor Awuor, DO, FACOS - Neurosurgeon**

OhioHealth Grant Medical Center

*Occipital Cervical Junction Trauma*

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*Disclosures*

Medicrea: Consultant

**Steven R. Cohen, MD - Medical Director and Clinical Professor at UCSD**

Faces+

*Facial Regenerative Surgery: The Reconstruction of Youth*

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## Disclosures

lipocube (Self): Board Member/Advisory Panel, Consultant, Other Financial or Material Support, Royalties, Shareholder; Millenium Medical Technologies (Self): Consultant, Other Financial or Material Support, Shareholder

## Dennis Hammond, MD - Plastic Surgeon

Partners in Plastic Surgery

## Update on Breast Reduction

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## Disclosures

Crisalix (Self): Consultant; Elsevier (Self): Royalties; Establishment Labs (Self): Consultant; Mentor Corporation (Self): Consultant; Musculoskeletal Transplant Foundation (Self): Consultant; Nova Plasma LTD (Self): Consultant; Pathy Medical LLC (Self): Consultant; W.L. Gore & Associates (Self): Consultant

## Shivprasad Nikam, MD, FACS, MBA, FRCS(Ed) - Vascular Surgeon

Geisinger Health System

*Telemedicine and Hands-on Digital Technology to Enhance Patient Physician Relationship and Improve Communication*

<https://vascular.org/news-advocacy/covid-19-resources>

<https://vascular.org/sites/default/files/Mundaii%20Quick%20Start%20Guide%20for%20Providers.pdf>

<https://mundaii.com>

## Disclosures

Mundaii.com (Self): Founder, CEO, Other Financial or Material Support

## Larry Oxenham - Senior Advisor

American Society for Asset Protection

*Improved Patient Care through Lawsuit Protection and Prevention for Osteopathic Physicians*

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## Disclosures

American Society for Asset Protection (Self): Honorarium for Presenting, Other Financial or Material Support

## Francis P. Sutter, DO, FACOS - Chief Cardiac Surgery

Lankenau Medical Center

## *Robotic Coronary Revascularization - Changing the CABG Paradigm. What's the Future*

Innovations (Phila) 2012;7:223-8 Precision Incision Robotic Coronary Revascularization via 3.9-cm Mini-thoracotomy Francis P Sutter, DO, Tami Berry, MD, MaryAnn C Wertan, RN.

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The Annals of Thoracic Surgery (2020), doi: <https://doi.org/10.1016/j.athoracsur.2020.06.136>.

This Minimally Invasive versus Open Coronary Surgery: A Multi-Institutional Analysis of Cost and Outcomes. NR. Teman, MD, RB Hawkins, MD MSc, EJ Charles, MD PhD, JH Mehaffey, MD MSc, AM. Speir, MD, MA. Quader, MD, G Ailawadi, MD, for the Investigators for the Virginia Cardiac Services Quality Initiative

## Disclosures

Intuitive Surgical: Speakers Bureau, Proctor

## Karen Zupko - President

KarenZupko & Associates, Inc.

## *Rev Up Your Revenue Cycle for the Covid Era*

Ben Lam, DO Dr. Lam has heard me speak at previous ACOS meetings.

Jennifer Evenhouse, Care Credit Sponsored similar presentations given in August and September for the Health Care Financial Managers Association (HFMA) and the Medical Group Management Association, (MGMA) . Both generated positive reviews.

Stephanie Pandol, Modernizing Medicine software company. I I was engaged to present on a similar topic to four difference specialties served by this software company.

## Disclosures

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ADVANCING EXCELLENCE IN  
OSTEOPATHIC SURGICAL CARE

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## ZIMMER BIOMET

Zimmer Biomet is a global leader in spine innovation, dedicated to alleviating pain and improving the quality of life for people around the world by delivering comprehensive cervical, thoracolumbar, and biologics solutions, along with training and clinical support for surgeons. The cervical portfolio features the Mobi-C® Cervical Disc for motion preservation, as well as innovative stand-alone fusion solutions (Optio-C®, ROI-C®, and TrelOss™-C SA), anterior plating systems (MaxAn®, InViZia®, and Trinica® Select), interbody spacers (Puros®, TM-S, TrelOss™, Trinnect™, and Vista®-S) and screw systems for posterior fixation (Lineum® OCT and Virage® OCT). The thoracolumbar offering includes best-in-class interbody cages (ProLift® Expandable, Timberline®, Timberline MPF, TrelOss™, Zyston® Strut, Zyston Straight/Curved, ROI-A®, Durango®, TM Ardis, Breckenridge®, and Avenue® L), the Trinica® Anterior Lumbar Plate, and comprehensive spinal fixation systems (Cypher™, Vitality®, Vital™, Polaris™ 5.5 & 4.75, Pathfinder NXT®, Universal Clamp®, TriCor™) as well as The Tether™ Anterior Vertebral Body Tethering System. In addition to spinal hardware and biologics (PrimaGen Advanced™, InterGro® DBM, and InterGro Cortical Fibers), the company offers surgery assisting technologies including the ROSA® ONE Spine Robotic Surgical Assistant and the bionic WalterLorenz™ Surgical Assist Arm. Zimmer Biomet also offers mymobility® with Apple Watch, a digital care management system that helps patients prepare for and recover from surgery (Apple Watch is a trademark of Apple, Inc., registered in the U.S. and other countries).

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## CARDIOTHORACIC AND VASCULAR SURGERY

### **Chronic Ischemic Monomelic Neuropathy after Arteriovenous Fistula Creation: A Unique Presentation of Vascular Steal**

**Presenter:** Rachel E. Kaczynski, DO

**Co-Contributors:** Youstina Asaad, DO

*St. John's Episcopal Hospital*

### **Hypoplastic Aortoiliac Syndrome Causing Severe Claudication**

**Presenter:** Tanya Odisho, DO

*DMC Sinai Grace Hospital*

### **Leadership Positions Held Among Osteopathic Female and Male Cardiothoracic Surgeons**

**Presenter:** Chi Chi Do-Nguyen

**Co-Contributors:** Elizabeth L. Norton; Jessica Figueredo; Alejandra Castro-Varela; Julie Qiu; Sarah Miter, MD

*Philadelphia College of Osteopathic Medicine*

### **Ruptured Congenital Abdominal Aortic Aneurysm in an 11-Year-Old with Multiple Peripheral Artery Aneurysms**

**Presenter:** Christopher F. Tanga, DO

*University at Buffalo*

### **Survival After Distal Esophageal Rupture: A Case Report of Prolonged Intrathoracic Complications After Conversion from Mallory Weiss Tear to Boerhaave's Syndrome During a Pandemic**

**Presenter:** Rachel E. Kaczynski, DO

**Co-Contributors:** Eloise Rogers, DO; Jazlyn Amador-Jimenez

*St. John's Episcopal Hospital*

### **Symptomatic Esophageal Duplication Cyst in a 65-year-old Male**

**Presenter:** Jane Ohde, DO

**Co-Contributors:** Vilok G. Vijayanagar, DO; James Martin, MD; David Siegel, DO; Neil Kleman, DO; Rachel Cohen, DO

*AHN Esophageal Institute*



## GENERAL SURGERY

### **A Rare Case of Abdominal Wall Abscess containing a Gallstone Secondary to Cholecystocutaneous Fistula**

**Presenter:** Cecilia M. Nguyen, DO

**Co-Contributors:** Sohayla Rostami, DO; Hobin Kang, DO; Narinder P. Grewal, DO, FACOS  
*St. John's Episcopal Hospital*

### **A Rare Case of Chest Wall Hidradenocarcinoma: A Case Report**

**Presenter:** Kayla K. Brown, MS, OMS-IV

**Co-Contributors:** Matthew G. Nier, DO; Garrett N. Tibbets, MS, DO; Steven P. Ouzounian, MD  
*Nova Southeastern University Kiran C. Patel College of Osteopathic Medicine*

### **A Rare Case of Cocaine Induced Biliary Tree Constriction in a Middle Aged Male**

**Presenter:** Karlbuto Alexandre, DO

**Co-Contributors:** Christopher Husko, DO; James Hebden, BS; John Barnwell, MD, FACS  
*Detroit Medical Center - Sinai Grace*

### **A Rare Case of Left Sided Acute Appendicitis in a Patient With Asymptomatic Malrotation**

**Presenter:** Phillip Nahirniak, DO

**Co-Contributors:** Liz Ekkel, DO; Shivana Prakash, MD  
*Henry Ford Macomb*

### **A Rare Case of Simultaneous Cecal and Sigmoid Volvulus in an Elderly Female**

**Presenter:** Karlbuto Alexandre, DO

**Co-Contributors:** An King Ang, MD, FACS; Urvi Rana, BS  
*Detroit Medical Center - Sinai Grace*

### **A Rare Presentation of Encapsulating Peritoneal Sclerosis**

**Presenter:** Julia Porter, DO

**Co-Contributors:** Jame Ren, DO; Jackie Battista, DO, FACOS; Youstina Assad, DO  
*St John's Episcopal Hospital*

### **A Review of Orthopedic Implant Failures Due to Metallosis and the Methods Utilized to Minimize and Address this Condition**

**Presenter:** Brynn E. Hentschel, DO Candidate

**Co-Contributors:** Chris Horn; David Stephen, DO  
*Edward Via College of Osteopathic Medicine - Auburn Campus*

## GENERAL SURGERY CONTINUED

### **Adopting Single-Incision Laparoscopic Appendectomy in Children: Is It Safe During the Learning Curve?**

**Presenter:** Shawn R. Chakraborty

*Alabama College of Osteopathic Medicine*

### **An Uncommon Cause of Small Bowel Obstruction in a Pediatric Female Patient**

**Presenter:** Kyle Lange, DO

**Co-Contributors:** Jeffrey Christian, MD

*Henry Ford Macomb*

### **Bilateral Orchitis and Testicular Enlargement**

**Presenter:** Paul Spore, OMS-II

**Co-Contributors:** Cara L. Fisher, PhD; Connie Ly, OMS-II; Lauren West, OMS-II; Joel Mathews, OMS-II

*University of North Texas Health Science Center*

### **Comparative Analysis on the Effects, Costs, and Clinical Indications for the Use of Autograft, Allograft, and Bone Graft Substitutes in the Setting of Orthopedic Trauma Surgery**

**Presenter:** Ariel Kidron

**Co-Contributors:** Hiep Nguyen; Tianyi Liu; Jack Bayer

*Kiran C. Patel Nova Southeastern University College of Osteopathic Medicine*

### **Cryptorchidism and Small Bowel Obstruction, An Incidental Finding During Incarcerated Inguinal Hernia Repair**

**Presenter:** Alexander Gonzalez-Jacobo, DO

**Co-Contributors:** Julia Porter, DO; Narinder P. Grewal, DO, FACOS

*St. John's Episcopal Hospital*

### **CT-Guided Drainage of Numerous Abscesses**

**Presenter:** Grant Myres

**Co-Contributors:** Chad Richards

*Nova Southeastern University College of Osteopathic Medicine*

### **Diversion Colitis Resulting in Perforation and Abscess Formation**

**Presenter:** Benjamin E. Hart, DO

*Henry Ford Macomb Hospital*

### **Effect of Demographics on EQ in Military Medical Students**

**Presenter:** Amanda Sniadach, OMS-III

**Co-Contributors:** Mackenzie Berry; Amanda Sniadach, OMS-III; Jacob Doyle; Sunjin Oh, OMS

*Rocky Vista University of Osteopathic Medicine*

## GENERAL SURGERY CONTINUED

### **Entero-Cutaneous Fistula Presenting as a Bug Bite: A Case Report**

**Presenter:** Nelli Ghazaryan, OMS-IV

**Co-Contributors:** Matt M. Schultzel, DO; Nelli Ghazaryan, OMS-IV

*Des Moines University*

### **Exploring Gender Differences in Emotional Intelligence Variables on Stress Habituation During High Intensity Trauma Simulation Training**

**Presenter:** Susan Roberts, BS

**Co-Contributors:** Anthony J. LaPorta, MD, FACS; Rebecca Ryznar, PhD

*Rocky Vista University*

### **From Sea to Air: Surgical Simulation in Extreme Environments**

**Presenter:** Christopher J. Brazell, DO Student

**Co-Contributors:** Anthony J. LaPorta, MD, FACS; Christopher J. Brazell, DO Student; Bryan Eldreth

*Rocky Vista University College of Osteopathic Medicine*

### **Gastroesophageal Reflux Disease - A Historical Perspective of Surgical Innovation**

**Presenter:** Kayla Strandberg, OMS-IV

*Lake Erie College of Medicine - Bradenton*

### **Hepatopancreaticobiliary Surgery Fellowship Selection Process: The Impact of Being a DO Candidate**

**Presenter:** Joseph S. Lim, DO

**Co-Contributors:** Terence Jackson, MD; Edward Cho, MD, ScM; Houssam Osman, MD, FACS; Rohan Jeyarajah, MD, FACS

*Medical City Arlington / TCU-UNTHSC SOM*

### **Integration of Ultrasound Examinations of Thoracic and Abdominopelvic Anatomy Increases Student Confidence of Associated Anatomical and Clinical Concepts**

**Presenter:** Janelle Lopez

*Midwestern University, Arizona College of Osteopathic Medicine*

### **Is There a Need for Lap Chole with Hyperkinetic Gallbladders?**

**Presenter:** Martin K. Hardy, DO

**Co-Contributors:** Christie Brock, DO, FACOS; Adam Kramer, DO

*St. Mary's Medical Center, KCU Consortium*

## GENERAL SURGERY CONTINUED

### **Medical Error Recognition by Medical Students during Simulated Asystole: Benefits from Teamwork and Assertiveness Training Techniques Used in Aviation**

**Presenter:** Alexander K. Lee

**Co-Contributors:** Andrew Behnke, MD, FACE; Margaret Chi; Nakeia Hall; Mitch Morrison, PhD; Timothy Hodge

*Liberty University College of Osteopathic Medicine*

### **Medical Students Immersed in a Hyper-realistic Surgical Training Environment Leads to Improved Measures of Emotional Resiliency by Both Hardiness and Emotional Intelligence Evaluation**

**Presenter:** Andrew Kimber, OMS-IV

**Co-Contributors:** Anthony J. LaPorta, MD, FACS

*Rocky Vista University*

### **Morbidity, Mortality, and Disability after Unhelmeted Motorcycle Accidents are Greater than their Helmeted Counterparts**

**Presenter:** Edward J. Skicki, DO

**Co-Contributors:** Lucas Phi, DO; Loann Mai, DO; Mitchell Meagher, DO; Madison Morgan

*PennMedicine - Lancaster General Hospital*

### **Neurofibroma Cholecystitis, a Rare Manifestation in Neurofibromatosis Type 1: A Case Report**

**Presenter:** Grace K. Mele, DO, PGY-3

**Co-Contributors:** Kayla K. Brown, MS, OMS-IV; Rachel A. Grinnan, DO, PGY-4; Steven P. Ouzounian, MD

*Peconic Bay Medical Center, Stony Brook Southampton General Surgery Residency Program*

### **Novel Approach to Reduce Transmission of COVID-19 During Tracheostomy**

**Presenter:** Pete Foster, DO

*Berkshire Medical Center*

### **Perioperative Multimodal Anesthetic Care Incorporating Transversus Abdominis Plan Block Is Associate With Reduced Narcotic Use in Laparoscopic Sleeve Gastrectomy**

**Presenter:** Sean Martin, DO

*UPMC Pinnacle*

### **Positional Hepatic Outflow Obstruction Alleviated by Breast Implant During Orthotopic Liver Transplantation**

**Presenter:** Christine E. Kolwitz, DO

*NYU Winthrop*

## GENERAL SURGERY CONTINUED

### **SAFE! Successful Nonoperative Management of a Sport-Induced Grade V Hepatic Injury**

**Presenter:** Karin H. Gunther, DO

**Co-Contributors:** Joseph R. Buck, MD

*Ascension Macomb-Oakland Hospital*

### **Salvage Of Chronically Resistant Bilateral Charcot Foot Osteoarthropathy With Signs Of Osteomyelitis**

**Presenter:** Ananya Pathak

**Co-Contributors:** Ariel Kidron; Hiep Nguyen; Tianyi Liu; Nghi Nguyen; Enjolina Iqbal

*University of Guelph-Humber*

### **Simulating Early Clinical Experiences with Surgical Procedures in the Anatomy Lab**

**Presenter:** Tayler Gant

**Co-Contributors:** Harrah Chiang

*VCOM-Auburn*

### **The Effect of Hyper-Realistic Trauma Training on Emotional Intelligence in Second Year Military Medical Students**

**Presenter:** Rebecca Ryznar, PhD

**Co-Contributors:** Erin West

*Rocky Vista University*

### **The Effect of Immersion Trauma Training on Resiliency and Hardiness in Military Medical Personnel**

**Presenter:** Mckenzie Zeman, OMS-III

**Co-Contributors:** Anthony J. LaPorta, MD, FACS; Sarah Sysbist; Andrew Kimber

*Rocky Vista University*

### **The Effect of Marriage and Gender in Regard to Honestly Reporting Stress**

**Presenter:** Jacob Doyle, OMS-III

**Co-Contributors:** Mackenzie Berry; Amanda Sniadach, OMS-III; Sunjin Oh

*Rocky Vista University*

### **WARM ZONE CARE - Lessons Learned From Large-Scale Active Shooter Training Prior to the Stem School Scouting**

**Presenter:** Alissa Lenz, BS

*Rocky Vista University*

## NEUROLOGICAL SURGERY

### **Geographic Disparities in County-Level Prevalence of Allopathic, Osteopathic, Non-Surgical, and Surgical Residency Programs in the United States**

**Presenter:** Dario A. Marotta, BS

**Co-Contributors:** Larry G. Armstrong, DO, FACOS, FACS; Matthew Heard, MSc; Sara Buckley, BS; Telyn Peterson, BS; Andrew Nam, BS; Abigail Jackovic, BS; Brittany Cuff, BS; Mackenzie Fowler, BS; Stephen Aita, PhD; Victor A. Del Bene, PhD

*Alabama College of Osteopathic Medicine (ACOM)*

### **Patient Perspectives on the Participation of Neurosurgery Resident Physicians in Their Care**

**Presenter:** Mohammad A. Arshad, DO

**Co-Contributors:** Brian Fiani, DO; Alessandra Cathel, DO; Hamid Hadi, DO; Yassir Khan, BS

*Desert Regional Medical Center*

### **Percutaneous Balloon Compression Technique using Intraoperative DynaCT for the Treatment of Trigeminal Neuralgia: Technical Note**

**Presenter:** Aakangsha Jain

**Co-Contributors:** Assad Ali, MS

*Nova Southeastern University Dr. Kiran C. Patel College of Osteopathic Medicine*

## PLASTIC AND RECONSTRUCTIVE SURGERY

### **An Innovative Approach To Mini Abdominoplasty Procedures Using Exclusively Local Anesthesia**

**Presenter:** Zach Zylstra, DO

**Co-Contributors:** Ian Zelko, DO

*Midwestern University*

### **Breast Implant Associated - Anaplastic Large Cell Lymphoma of Rapid Onset Extra-Capsular Seroma**

**Presenter:** John A. Bates, DO

**Co-Contributors:** Farideddin Nossoni, DO

*Beaumont Royal Oak*

### **Complex Nasal Reconstruction: Methods to Avoid a Forehead Flap**

**Presenter:** Mickel J. Voigt

**Co-Contributors:** Kayla Humenansky, DO

*Philadelphia College of Osteopathic Medicine*

### **Plastic Surgery During the COVID-19 Pandemic for Improved Mental Health and Quality of Life**

**Presenter:** Makayla J. Gologram, OMS-II

**Co-Contributors:** Christine Lomiguen, MD; Justin Chin, DO

*Lake Erie College of Osteopathic Medicine*

Poster presenters highlighted in **TEAL** will give podium presentations during their discipline's educational program. See the educational program schedules for times and dates.

## UROLOGICAL SURGERY

### **A Rare Primary Osteogenic Sarcoma of the Prostate and Bladder**

**Presenter:** Jesse C. Rockmore, DO

**Co-Contributors:** Gregory McIntosh, DO, FACOS

*McLaren Macomb Hospital*

### **Acute Calyceal Obstruction in an Adolescent with Infundibulopelvic Dysgenesis**

**Presenter:** Chase Cavayero, DO

**Co-Contributors:** Gregory McIntosh, DO, FACOS; Donald Nguyen, MD

*McLaren Macomb Hospital*

### **Case Presentation: Treatment Emergent Small Cell Neuroendocrine Cancer of the Prostate**

**Presenter:** Kevin F. Carocci, DO

**Co-Contributors:** Gregory McIntosh, DO, FACOS

*MSU McLaren Macomb Urology*

### **Delayed Diagnosis of Urethral Straddle Injury**

**Presenter:** Hailey Eisner, DO

*McLaren Macomb Hospital*

### **Delayed Retrieval of Resectoscope Beak Requiring Holmium Laser Fragmentation**

**Presenter:** Anthony F. Bonzagni, DO

*McLaren Macomb Hospital*

### **Improving Practice Patterns in Patients with Newly Diagnosed Bladder Masses Treated with Transurethral Resection**

**Presenter:** Daniel Drach, BS

**Co-Contributors:** Joseph Zanghi, DO; James Siegert, DO, FACOS

*Midwestern University*

### **Need for Increased Awareness of International Circumcision Variations and Associated Complications**

**Presenter:** Ryan Margolin, OMS-IV

**Co-Contributors:** Christine Lomiguen, MD

*Touro College of Osteopathic Medicine*

### **Penile Amputation with Primary Reanastomosis with Post-Operative Leech Therapy**

**Presenter:** Adam Peterson, DO

**Co-Contributors:** Scott Sircus, MD

*McLaren Macomb Urological Surgery*

## UROLOGICAL SURGERY CONTINUED

### **Primary Malignant Melanoma of the Urinary Bladder**

**Presenter:** Elizabeth Snajdar, DO

*McLaren Macomb Hospital*

### **Radiation Exposure in the Operating Room: A Hidden Killer?**

**Presenter:** Jacob Thatcher, DO

**Co-Contributors:** Katelyn Klimowick, OMS-IV; Thomas Mueller, MD

*Rowan*

### **Stopping the Flow: A Peculiar Case of Enlarged Prostate, Kidney Injury, Cardiac Dysfunction, and Gastric Polyps**

**Presenter:** Sydney A. Pekarek, OMS-III

**Co-Contributors:** Miranda K. Schmidt; Anis Rauf, DO; Suha I. Moten

*Midwestern University Chicago College of Osteopathic Medicine*

### **The Impact of Low Pressure Pneumoperitoneum in Robotic Assisted Radical Prostatectomy: A Prospective, Randomized, Double Blinded Trial**

**Presenter:** Matthew A. Rohloff, DO

*Metro Health: University of Michigan Health*



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