

A VIRTUAL ASSEMBLY

Program Book







WELCOME TO THE 2021 ANNUAL CLINICAL ASSEMBLY



Welcome to the 2021 Annual Clinical Assembly of Osteopathic Surgeons (ACA)!

Going into 2021 we all looked forward to reuniting together in Orlando, Florida, for the 2021 ACA. As the COVID-19 pandemic continued to unfold, the board of governors was forced to make the difficult but responsible decision to cancel our inperson meeting and convert to a fully virtual format. 2021 has continued to test our resilience. As surgeons, we know better than most of how we must stay strong in the face of challenges. That is why our theme for this year's Assembly is *Resilience*:

Strategically Mastering the Moment.

Despite the challenges, the ACOS has stood resilient and committed to delivering an ACA filled with top-notch educational sessions and engaging interactive activities. We are excited to offer numerous special events and activities for you to engage with your peers live. Take advantage of all that the 2021 ACA has to offer.

2021 ACA must-see keynotes are:

• <u>Keynote Address</u>: Dream Makers will be delivered by **Jim Morris, Jr**., former Major League baseball player whose life story was made into the Disney movie *The Rookie*

Following Mr. Morris' talk, tune in to ask your questions live during a Keynote Conversation moderated by our very own, Valerie Sheridan, DO, FACOS, DFACOS, FACS

- <u>Theodore F. Classen Memorial Lecture</u>: **Debra Classen, BA, MA**, will deliver an inspirational talk titled, *The Art and Science of Life and Death*
- <u>Keynote Address</u>: Chief Executive Officer of the Michigan Public Health Institute, **Renee B. Canady, PhD, MPA**, will share her insight on Diversity, Equity, and Inclusion in Healthcare
- <u>Keynote Interview</u>: In a special discussion on resilience, Alexander L. Eastman, MD, MPH, FACS, FAEMS, Senior Medical Officer – Operations for the U.S. Department of Homeland Security will sit down with ACOS member, Annika Storey, DO, FACOS

Engage with your friends, colleagues, and presenters during these LIVE events:

- ACOS Annual Members Meeting attend this virtual meeting to hear reports from myself and my fellow Officers. At this meeting, we will review and vote on proposed amendments to the ACOS bylaws.
- The IDEA Forum: Inclusion, Diversity, Equality, and Action New this year! ACOS is proud to host our inaugural IDEA Forum: Inclusion, Diversity, Equality, and Action at the 2021 ACA.

2021 ANNUAL CLINICAL ASSEMBLY



- Women Surgeons Forum always a popular event, tune in this year when we tackle the topic of *Turning the Ship: Building Trust, Gaining Respect, Having Confidence, and Creating a Safe Environment*
- **Military Surgeons Member Forum** offers ACOS members serving in the military a place to discuss issues specific to those members in uniform
- **Rural Surgeons Member Forum** unites members practicing in a rural setting to engage, further their fellowship and discuss policies impacting their practices and their patients
- General Surgery Panel Sessions covering Emergency General Surgery and Rural Surgery

After a day of educational programming tune-in on November 3 at 6pm EDT, for the Ceremonial Conclave as we welcome new Fellows and Distinguished Fellows of the College. Celebrate the accomplishments of this year's ACOS award recipients for the College Service Awards, Humanitarian Award Charles L. Ballinger Distinguished Osteopathic Surgeon Award, Guy D. Beaumont Jr. Award of Academic Excellence, and the Orel F. Martin Award and Citation.

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 Austin, TX. Until then, enjoy the 2021 Annual Clinical Assembly | A Virtual Assembly!

Sincerely,

Ergen Waramif

Eugene W. Laveroni, Jr., DO, FACOS, DFACOS President, American College of Osteopathic Surgeons





About the Annual Clinical Assembly	6
Educational Objectives and Outcomes	7
Registration Information	8
Virtual Resource Center	8
Scientific Exhibits and Poster Presentations	8
CME Credits and Requirements	8
ACCME Accreditation and Designation Statement	8
Speaker Disclosure Statement	8
Disclosure of Conflicts of Interest	9
Speaker Presentation Disclaimer	9
Captured Media Waiver	9
Code of Conduct Policy	9
Osteopathic Pledge of Commitment	11
Continuing Education Committee	12
Keynote Speakers and Live Events	14
Reynote Speakers and Live Events	
Keynote Speakers	15
Keynote Speakers	17
Keynote Speakers	17 18
Keynote Speakers Live Events Forums	17
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline	
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline General Surgery Discipline	
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline General Surgery Discipline Neurological Surgery Discipline	
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline General Surgery Discipline Neurological Surgery Discipline Plastic and Reconstructive Surgery Discipline	
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline General Surgery Discipline Neurological Surgery Discipline Plastic and Reconstructive Surgery Discipline Urological Surgery Discipline	
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline General Surgery Discipline Neurological Surgery Discipline Plastic and Reconstructive Surgery Discipline Urological Surgery Discipline American Osteopathic College of Proctology	17
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline General Surgery Discipline Neurological Surgery Discipline Plastic and Reconstructive Surgery Discipline Urological Surgery Discipline American Osteopathic College of Proctology Annual Clincal Assembly Speakers	17
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline General Surgery Discipline Neurological Surgery Discipline Plastic and Reconstructive Surgery Discipline Urological Surgery Discipline American Osteopathic College of Proctology Annual Clincal Assembly Speakers Virtual Resource Center	17
Keynote Speakers Live Events Forums Cardiothoracic and Vascular Surgery Discipline General Surgery Discipline Neurological Surgery Discipline Plastic and Reconstructive Surgery Discipline. Urological Surgery Discipline American Osteopathic College of Proctology Annual Clincal Assembly Speakers Virtual Resource Center Exhibitors	17

ABOUT THE ANNUAL Clinical Assembly





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
- 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, 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



REGISTRATION INFORMATION

Register at any time by visiting www.facos.org/aca

VIRTUAL RESOURCE CENTER

Stop by the Virtual Resource Center to learn about the latest products, services and innovations for your practice. <u>Click here to visit at any time.</u>

SCIENTIFIC EXHIBITS AND POSTER PRESENTATIONS

Come meet the osteopathic students, residents, and fellows from across the country who prepared scientific poster presentations for the 2021 ACA ePosters Gallery. Members of the ACA Scientific Exhibits and Poster Sessions Committee have judged the ePosters and winners are now marked with a badge. Starting on page 74 is a listing of scientific ePosters. <u>Click here to visit at any time</u>.

CME CREDITS AND REQUIREMENTS

By participating in 2021 ACA educational programs and activities, attendees are eligible to earn American Osteopathic Association (AOA) Category 1A continuing medical education (CME) credits or AMA PRA Category 1 Credits™.

In accordance with CME accreditation requirements, the attendee must complete an evaluation of each session attended as well as an overall event evaluation in order to receive 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 are distributed to registered attendees.

The 2021 Annual Clinical Assembly is eligible for a maximum of 30 AOA Category 1-A CME credits or 30 AMA PRA Category 1 Credits[™].

ACCME ACCREDITATION AND DESIGNATION STATEMENT

The American College of Osteopathic Surgeons (ACOS) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The ACOS designates this other [live, enduring] activity for a maximum of 30 AMA PRA Category 1 CreditsTM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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 45, 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.

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.

CAPTURED MEDIA WAIVER

ACOS plans to take photographs/videos at the Annual Clinical Assembly of Osteopathic Surgeons 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

Chairman	Valerie Sheridan, DO, FACOS, DFACOS, FACS
Board Liaison	J. Bracken Burns, Jr., DO, FACOS
Members	
	Kent James Blanke, DO, FACOS, DFACOS
	J. Franklin Oaks, Jr., DO, MHA, FACOS
	Warren Albrecht, DO
	Stuart Chow, DO, FACOS
	Kristen J. Conrad-Schnetz, DO, FACOS
	Annika C. Storey, DO, FACOS
	Darren Lee Jacobs, DO, FACOS
	Dan E. Miulli, DO, FACOS
	Michael S. Sawvel, DO
	Arnold C. Almonte, DO, FACOS
	Gabriel Chiu, DO
	Alanna Fostyk, DO
	Benjamin Lam, DO, FACOS
	Elizabeth A. Renaker-Jansen, DO
	Michael Consolo, DO
	Jamie L. DiPietro, DO
	John James Kowalczyk, DO, FACOS
	Jayram Krishnan, DO, MBA
	Lynne McCormick, DO
	Karla D. Witzke, DO, FACOS
AOCPR Representatives	
	Bryan S. Cross, DO
	Kathryn Freeman, DO
ACOS Staff Lead	
	Stephanie Santini, CMP, DES

Disclosures

Benjamin Lam, DO, FACOS | Chief Medical Officer – B-Cidal Darren Lee Jacobs, DO, FACOS | Educator – Medtronics Neuromodulation

KEYNOTE SPEAKERS AND LIVE EVENTS







DREAM MAKERS

Jim Morris, Jr. Tuesday, November 2 | 9:30 AM - 11:00 AM

Jim Morris shares his memoir, documented in the movie "The Rookie," and tells about the dream makers who helped to shape his life. Jim recalls the life lessons passed down to him by his grandfather and the lessons he learned from a smalltown baseball team, who helped him pursue his life-long dream of becoming a major league baseball player. Jim pitched two

seasons for the Tampa Bay Devil Rays reaching speeds up to 102mph and chose to retire to raise his children. His life story made cinematic history with the heartwarming and unforgettable Disney movie The Rookie starring Dennis Quaid.

Through Jim's self-deprecating humor and his ability to take the audience on an emotional ride, everyone is inspired as he shares his journey of failures and successes while chasing his dreams and overcoming life's obstacles.



DIVERSITY, EQUITY, AND INCLUSION IN HEALTHCARE

Renee Canady, PhD, MPA

Wednesday, November 3 | 9:00 AM - 10:00 AM

Dr. Canady has been recognized as a national thought leader in the areas of health inequities and disparities, cultural competence, and social justice. She has published and presented broadly on these topics and her passion for this work is evident in her personal, academic, and professional life. Dr.

Canady has been highly influential in broadening the discussion of health equity and social justice while serving on numerous national boards, review panels, and advisory groups.

She has been an outstanding public health advocate, researcher, educator, and facilitator. She earned her PhD in Medical Sociology from Michigan State University, a master's degree in Public Administration from Western Michigan University and a bachelor's degree in Public Health Nutrition from the University of North Carolina at Chapel Hill.

Dr. Renée Branch Canady serves as Chief Executive Officer (CEO) of MPHI; a unique public trust dedicated to advancing population health through public health innovation and collaboration. In this role she leads the strategic direction of the organization as they strive to build a world-class infrastructure to support the Institute's diverse and progressive program areas and projects, while establishing and maintaining stakeholder relationships.





THEODORE F. CLASSEN MEMORIAL LECTURE: THE ART AND SCIENCE OF LIFE AND DEATH

Debra Classen, MA

Tuesday, November 2 | 11:30 AM - 12:15 PM

Debra has a fascination for recognizing beauty in all its forms, particularly as a means to evoke hope and healing. She has discovered its power through her education in psychology and theology, her work as a therapist, her passion for art and writing and her work as the co-founder of a non profit.

Understanding that beauty is the primary standard for scientific truth, along with aethestics as the means of bringing to light the sacred, was the foundation on which Debra and her late husband, Dr. Roger Classen, founded their non-profit ministry, "The Mute Swan" in 2005.

Speaking to healthcare professionals, hospital chaplains, at retreats, and inside prisons, Debra shares how the power of beauty's truth and simplicity is both scientific and divine in healing and finding hope and healing in life.



KEYNOTE INTERVIEW: A DISCUSSION ON RESILIENCE WITH DR. EASTMAN

Alexander L. Eastman, MD, MPH, FACS, FAEMS Wednesday, November 3 | 9:00 AM - 10:00 AM

Join us for a conversation on Resilience with Alexander L. Eastman, MD, MPH, FACS, FAEMS. Dr. Eastman is the Senior Medical Officer at the Department of Homeland Security's (DHS) Countering Weapons of Mass Destruction Office (CWMD). In this role, he is responsible for operational medicine across DHS

in addition to countering threats to the United States worldwide.

Dr. Eastman is a Task Force Officer with ICE Homeland Security Investigations and is assigned to the Special Response Team (SRT) program. Dr. Eastman is also a Dallas Police Department lieutenant, the Chief Medical Officer of the Dallas Police Department, and the Lead Medical Officer for the Dallas Police SWAT Team. He is actively involved in national planning for law enforcement medical support through the Department of Justice's Officer Safety and Wellness Group, the Committee on Tactical Emergency Casualty Care, the Hartford Consensus Working Group and serves as the Medical Advisor for the Major Cities Chiefs Association.

Learn what Dr. Eastman has learned from his extensive experience about *Strategically Mastering the Moment*.

LIVE EVENTS

TUESDAY November 2, 2021

11:00 AM - 11:30 AM LIVE KEYNOTE CONVERSATION: Q&A with Jim Morris, Jr.

Jim Morris, Jr. Valerie Sheridan, DO, FACOS, DFACOS, FACS

6:00 PM - 7:00 PM LIVE: ACOS Annual Members Meeting

8:00 PM - 9:30 PM LIVE FORUM: Women Surgeons

Forum Valerie Sheridan, DO, FACOS, DFACOS, FACS Kristen Conrad-Schnetz, DO, FACOS, FACS

WEDNESDAY November 3, 2021

3:00 PM - 4:00 PM LIVE SESSION: Difficult Cases in EGS Panel

Bracken Burns, Jr., DO, FACS, FACOS Gerard Baltazar, DO, FACOS Katherine E. McKenzie, DO, FACOS, FACS Victoria L. Schlanser, DO, FACOS, FACS

7:30 PM - 8:30 PM LIVE FORUM: Military Surgeons Member Forum

THURSDAY November 4, 2021

10:25 AM - 10:45 AM LIVE Q&A: In-Depth Review Seminar's Mock Oral Board Workshop Speaker Name

3:00 PM - 4:00 PM LIVE SESSION: Difficult Cases: Rural Surgery Panel

Stuart Chow, DO, FACOS, FACS Adam Dachman, DO, FACOS Chad Robbins, DO, FACOS Richard J. Unger, DO

6:00 PM - 7:00 PM LIVE FORUM: Rural Surgeons Member Forum

8:00 PM - 9:00 PM LIVE FORUM: The IDEA Forum: Inclusion, Diversity, Equality, and Action Jamie M. Moenster, DO, FACOS, FACS FORUMS



WOMEN SURGEONS FORUM

Valerie Sheridan, DO, FACOS, DFACOS, FACS Kristen Conrad-Schnetz, DO, FACOS, FACS Tuesday, November 2 | 8:00 PM - 9:30 PM

Join us for the Women Surgeons Forum. After networking with your fellow female surgeons enjoy an engaging program tackling the topic of "Turning the Ship: Building Trust, Gaining Respect, Having Confidence, and Creating a Safe Environment.



LIVE FORUM: MILITARY SURGEONS MEMBER FORUM

Wednesday, November 3 | 7:30 PM - 8:30 PM

The Military Surgeons Member 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.

LIVE FORUM: RURAL SURGEONS MEMBER FORUM

Thursday, November 4 | 6:00 PM - 7:00 PM

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.

LIVE FORUM: THE IDEA FORUM: INCLUSION, DIVERSITY, EQUALITY, AND ACTION

Jamie M. Moenster, DO, FACOS, FACS Thursday, November 4 | 8:00 PM - 9:00 PM

New to the ACA! ACOS is proud to host our inaugural IDEA Forum: Inclusion, Diversity, Equality, and Action at the 2021 ACA!



CARDIOTHORACIC AND VASCULAR SURGERY DISCIPLINE

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
Governor: Mark Byrge, DO, FACOS



Tuesday November 2, 2021

9:30 AM - 11:00 AM Keynote Address: Dream Makers Jim Morris

11:00 AM - 11:30 AM LIVE KEYNOTE CONVERSATION: Q&A with Jim Morris, Jr.

Jim Morris; Valerie Sheridan, DO, FACOS, DFACOS, FACS

11:30 AM - 12:15 PM

Theodore F. Classen Memorial Lecture: The Art and Science of Life and Death

Debra Classen, BA, MA

1:00 PM - 2:00 PM Endovascular Office-Based Lab: A New Paradigm Shift for Efficient Care In Rural West Virginia During The COVID-19 Pandemic

Herbert Oye, DO, FACOS

2:00 PM - 3:00 PM Delayed Vascular Interventions due to COVID-19

Herbert Oye, DO, FACOS

6:00 PM - 7:00 PM LIVE: ACOS Annual Members Meeting Larry G. Armstrong, DO, FACOS, FACS; Kristen Conrad-Schnetz, DO, FACOS, FACS; Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

7:00 PM - 7:30 PM 2021 ACOS Resident Scientific Research Presentations & Awards Lane M. Lee, DO, FACS, FACOS 8:00 PM - 9:30 PM

LIVE FORUM: Women Surgeons Forum

Kristen Conrad-Schnetz, DO, FACOS, FACS; Valerie Sheridan, DO, FACOS, DFACOS, FACS

> Wednesday November 3, 2021

9:00 AM - 10:00 AM Keynote Address: Diversity, Equity, and Inclusion in Healthcare Renee B. Canady, PhD, MPA

10:00 AM - 11:00 AM Keynote Interview: A Discussion on Resilience with Dr. Eastman

Alexander L Eastman, MD, MPH, FACS, FAEMS; Annika Storey, DO, FACOS

11:00 AM - 12:00 PM The Emerging role of Endovascular Telesurgery Herbert Oye, DO, FACOS

1:00 PM - 2:00 PM Endovascular Rescue of AV Fistula and AV Grafts in the Office Based Lab Herbert Oye, DO, FACOS

2:00 PM - 2:30 PM Integrating a Post-Injury Osteopathic Manipulative Treatment Clinic at a Level 1 Trauma Center

Gerard A. Baltazar, DO, FACOS, FACS

2:30 PM - 3:00 PM Navigating the MAZE of Atrial Fibrillation Surgery Sharon B. Larson, DO, MS, FACOS, FACS

3:00 PM - 3:30 PM Survival of Pregnant Coronavirus Patients on Extracorporeal Membrane Oxygenation Sharon B. Larson, DO, MS, FACOS, FACS



CARDIOTHORACIC AND VASCULAR SURGERY DISCIPLINE

3:30 PM - 4:00 PM Epicardial Echocardiography in the Operating Room Sharon B. Larson, DO, MS, FACOS, FACS

6:00 PM - 7:30 PM ACOS Ceremonial Conclave

Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

7:30 PM - 8:30 PM LIVE FORUM: Military Surgeons Member Forum

> Thursday November 4, 2021

9:00 AM - 10:00 AM

Quality Initiatives Committee Lecture: Introduction to Surgical Quality and Safety and How to build a Quality Improvement Program

Olutayo A. Sogunro, DO

9:00 AM - 9:40 AM Tips and Tricks to Passing your Oral Boards

Benjamin A. Raymond, DO, FACOS FACS

9:40 AM - 10:20 AM Mock Oral Boards

Jessica L. Bartock, DO, FACOS; Victoria L. Schlanser, DO, FACOS, FACS

10:00 AM - 11:00 AM Application of Limited Leukocyte Filtration in Pulmonary Resection Albert H. Yurvati, DO, FACOS, DFACOS

10:25 AM - 10:45 AM LIVE Q&A: In-depth Review Seminar's Mock Oral Board Exam Workshop

Jessica L. Bartock, DO, FACOS; Hania B. Bednarski, DO, FACOS; Victoria L. Schlanser, DO, FACOS, FACS; Annika Storey, DO, FACOS 12:45 PM - 1:45 PM Updates on Guidelines for Geriatric Surgical Patients Annika Storey, DO, FACOS

6:00 PM - 7:00 PM LIVE FORUM: Rural Surgeons Member Forum

8:00 PM - 9:00 PM LIVE FORUM: The IDEA Forum: Inclusion, Diversity, Equality, and Action Jamie M. Moenster, DO, FACOS, FACS

Friday November 5, 2021

9:00 AM - 10:00 AM Introduction to Quality Improvement Lisa H. Lubomski, PhD

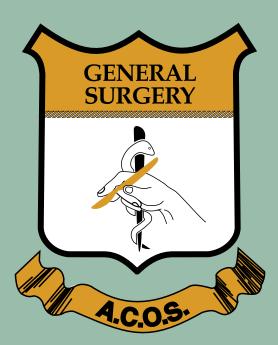
10:00 AM - 11:00 AM Transition from Surgical Provider to Patient

Albert H. Yurvati, DO, FACOS, DFACOS

11:00 AM - 12:00 PM Cardiothoracic and Vascular Surgery Podium Presentations

1:00 PM - 2:00 PM Business of Medicine/Practice Development Paul J. Wisniewski, DO

GENERAL SURGERY DISCIPLINE



CHAIR: CHAD M. ROBBINS, DO, MHA, FACOS
CHAIR-ELECT: SHANNON M. DAVIS, DO, FACOS
PAST CHAIR: JANIE L. MYERS, DO, FACOS, FACS
Secretary: Julie Ann Caffrey, DO, FACOS
Governors: David Acuna, DO, FACOS
Stuart Chow, DO, FACOS
J. Bracken Burns, DO, FACOS
Kristen Conrad-Schnetz, DO, FACO
JANIE MYERS, DO, FACOS



Tuesday November 2, 2021

9:30 AM - 11:00 AM Keynote Address: Dream Makers Jim Morris

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11:30 AM - 12:15 PM Theodore F. Classen Memorial Lecture: The Art and Science of Life and Death Debra Classen, BA, MA

1:00 PM - 1:30 PM Cologuard vs. Colonoscopy: What do we tell patients? Adam Dachman, DO, FACOS

1:30 PM - 2:00 PM Advances in Colorectal Screen/Tumor Markers Jacquelyn M. Charbel, DO, FACOS, FACS

2:00 PM - 2:30 PM Updates in Diverticulitis Management Teresa DeBeche-Adams, MD

3:00 PM - 3:30 PM Advances in Burn Surgery Julie A. Caffrey, DO, FACOS

3:30 PM - 4:00 PM Hidradenitis Suppurativa - Current Treatment Recommendations Julie A. Caffrey, DO, FACOS

4:30 PM - 6:00 PM Neurosurgery Trauma Panel Combined with General Surgery

Stuart Chow, DO, FACOS, FACS; Scott G. Glickman, DO PhD MPH; Dan Miulli, DO, FACOS; Hiren N. Patel, DO, FACOS 6:00 PM - 7:00 PM

LIVE: ACOS Annual Members Meeting Larry G. Armstrong, DO, FACOS, FACS; Kristen Conrad-Schnetz, DO, FACOS, FACS; Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

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8:00 PM - 9:30 PM LIVE FORUM: Women Surgeons Forum

Kristen Conrad-Schnetz, DO, FACOS, FACS; Valerie Sheridan, DO, FACOS, DFACOS, FACS

> Wednesday November 3, 2021

9:00 AM - 10:00 AM Keynote Address: Diversity, Equity, and Inclusion in Healthcare Renee B. Canady, PhD, MPA

10:00 AM - 11:00 AM Keynote Interview: A Discussion on Resilience with Dr. Eastman

Alexander L Eastman, MD, MPH, FACS, FAEMS; Annika Storey, DO, FACOS

11:00 AM - 11:30 AM De-Escalation of Therapy in Breast Cancer Treatment Lauren Kopicky, DO, FACOS

11:30 AM - 12:00 PM Surgical Considerations in Management of Recurrent Breast Cancer Betty Fan, DO, FACOS



12:00 PM - 12:30 PM Lymphedema is NOT a four-letter word: Lymphedema Diagnosis and Management Hania B. Bednarski, DO, FACOS

1:30 PM - 2:00 PM COVID: Sustained Shock and Impact on Trauma Patients

Katherine E. McKenzie, DO, FACOS, FACS

2:00 PM - 2:30 PM Integrating a Post-Injury Osteopathic Manipulative Treatment Clinic at a Level 1 Trauma Center

Gerard A. Baltazar, DO, FACOS, FACS

2:30 PM - 3:00 PM Damage Control Surgical Resuscitation in the EGS Patient Victoria L. Schlanser, DO, FACOS, FACS

3:00 PM - 4:00 PM LIVE SESSION: Difficult Cases in EGS Panel

Gerard A. Baltazar, DO, FACOS, FACS; Bracken Burns, DO, FACS, FACOS; Katherine E. McKenzie, DO, FACOS, FACS; Victoria L. Schlanser, DO, FACOS, FACS

6:00 PM - 7:30 PM ACOS Ceremonial Conclave Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

7:30 PM - 8:30 PM LIVE FORUM: Military Surgeons Member Forum

Thursday November 4, 2021

9:00 AM - 10:00 AM Quality Initiatives Committee Lecture: Introduction to Surgical Quality and Safety and How to build a Quality Improvement Program

Olutayo A. Sogunro, DO

9:00 AM - 9:40 AM Tips and Tricks to Passing your Oral Boards

Benjamin A. Raymond, DO, FACOS FACS

9:40 AM - 10:20 AM **Mock Oral Boards** Jessica L. Bartock, DO, FACOS; Victoria L. Schlanser, DO, FACOS, FACS

10:25 AM - 10:45 AM LIVE Q&A: In-depth Review Seminar's Mock Oral Board Exam Workshop Jessica L. Bartock, DO, FACOS; Hania B. Bednarski, DO, FACOS; Victoria L. Schlanser, DO, FACOS, FACS; Annika

Storey, DO, FACOS, FACS; Annika Storey, DO, FACOS

Advanced Abdominal Wall Reconstruction: Reinforced Biologic Augmented Repair (ReBAR) Paul Szotek, MD

11:00 AM - 11:30 PM From Laparoscopic to Robotic Cholecystectomy: From an Acute Care Surgeon's Perspective Andrew McCague, DO, FACOS

11:30 AM - 12:00 PM An Update on DVT Prophylaxis in Trauma Patients Thomas Robb, DO

12:45 PM - 1:45 PM Updates on Guidelines for Geriatric Surgical Patients Annika Storey, DO, FACOS 1:45 PM - 2:30 PM Critical Access. What is it? Richard J. Unger, DO

2:30 PM - 3:00 PM Innovations in Rural Surgery Lisa Finkelstein, DO, FACOS

3:00 PM - 4:00 PM LIVE SESSION: Difficult Cases: Rural Surgery Panel

Stuart Chow, DO, FACOS, FACS; Adam Dachman, DO, FACOS; Chad Robbins, DO, FACOS; Richard J. Unger, DO

6:00 PM - 7:00 PM LIVE FORUM: Rural Surgeons Member Forum

8:00 PM - 9:00 PM LIVE FORUM: The IDEA Forum: Inclusion, Diversity, Equality, and Action

Jamie M. Moenster, DO, FACOS, FACS

Friday November 5, 2021

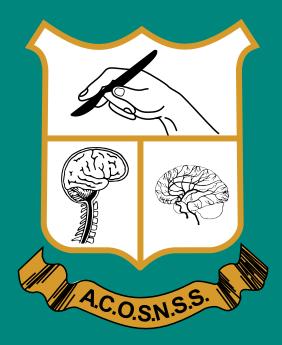
9:00 AM - 10:00 AM Introduction to Quality Improvement Lisa H. Lubomski, PhD

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11:00 AM - 12:00 PM General Surgery Podium Presentations

1:00 PM - 2:00 PM Business of Medicine/Practice Development Paul J. Wisniewski, DO

NEUROLOGICAL SURGERY DISCIPLINE



CHAIR: HIREN N. PATEL, DO, FACOS Chair-Elect: Alexandra D. Beier, DO, FACOS Past Chair: Francesco T. Mangano, DO, Facos Secretary-Treasurer: Tanya Minasian, DO, Facos Governor: Francesco Mangano, DO, Facos



TUESDAY November 2, 2021

9:30 AM - 11:00 AM Keynote Address: Dream Makers Jim Morris

11:00 AM - 11:30 AM LIVE KEYNOTE CONVERSATION: Q&A with Jim Morris, Jr. Jim Morris; Valerie Sheridan, DO, FACOS, DFACOS, FACS

11:30 AM - 12:15 PM Theodore F. Classen Memorial Lecture: The Art and Science of Life and Death Debra Classen, BA, MA

1:00 PM - 2:00 PM Telemedicine in Neurosurgery Practice: The Pandemic Jumpstart into Virtual Visits Convince the Skeptic Dawn R. Tartaglione, DO, FACOS

2:00 PM - 3:00 PM International Neurosurgery: No CT No Fluoro and Just a CBC Hiren N. Patel, DO, FACOS

3:00 PM - 4:00 PM Trauma Glymphatics and OMT Dan Miulli, DO, FACOS

4:30 PM - 6:00 PM Neurosurgery Trauma Panel Combined with General Surgery

Stuart Chow, DO, FACOS, FACS; Scott G. Glickman, DO PhD MPH; Dan Miulli, DO, FACOS; Hiren N. Patel, DO, FACOS

6:00 PM - 7:00 PM

LIVE: ACOS Annual Members Meeting Larry G. Armstrong, DO, FACOS, FACS; Kristen Conrad-Schnetz, DO, FACOS, FACS; Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS 7:00 PM - 7:30 PM

2021 ACOS Resident Scientific Research Presentations & Awards Lane M. Lee, DO, FACS, FACOS

8:00 PM - 9:30 PM

LIVE FORUM: Women Surgeons Forum

Kristen Conrad-Schnetz, DO, FACOS, FACS; Valerie Sheridan, DO, FACOS, DFACOS, FACS

WEDNESDAY November 3, 2021

9:00 AM - 10:00 AM Keynote Address: Diversity, Equity, and Inclusion in Healthcare Renee B. Canady, PhD, MPA

10:00 AM - 11:00 AM

Keynote Interview: A Discussion on Resilience with Dr. Eastman Alexander L Eastman, MD, MPH, FACS, FAEMS; Annika Storey, DO, FACOS

11:00 AM - 12:00 PM Oncology Surgical Management of CNS Metastasis Sean Xin, DO

12:00 PM - 1:00 PM Oncology Laser Interstitial Thermal Therapy Adrian Harvey, DO

1:00 PM - 2:00 PM Oncology Skull Base Surgery Complication Avoidance and Management John Cantando, DO

2:00 PM - 2:30 PM Integrating a Post-Injury Osteopathic Manipulative Treatment Clinic at a Level 1 Trauma Center Gerard A. Baltazar, DO, FACOS, FACS



2:00 PM - 3:00 PM Pediatric NeuroTrauma Guidelines: Knowledge Update Tanya Minasian, DO, FACOS

3:00 PM - 3:30 PM Pediatric Hydrocephalus Updates Alexandra Beier, DO

3:30 PM - 4:00 PM Open and Fetoscopic Surgery for In-Utero Repair of Myelomeningocele Stephen Fletcher, DO, FACOS

4:00 PM - 5:00 PM Peds Transitioning Care of Spina Bifida Patients to Adulthood and other Adult congenital neurosurgical patients Neil N. Patel, DO

5:00 PM - 6:00 PM Peds Challenging Case Discussion Joel Katz

6:00 PM - 7:30 PM ACOS Ceremonial Conclave Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

7:30 PM - 8:30 PM LIVE FORUM: Military Surgeons Member Forum

> THURSDAY November 4, 2021

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9:00 AM - 9:40 AM **Tips and Tricks to Passing your Oral Boards** Benjamin A. Raymond, DO, FACOS FACS 9:40 AM - 10:20 AM **Mock Oral Boards** Jessica L. Bartock, DO, FACOS; Victoria L. Schlanser, DO, FACOS, FACS

10:00 AM - 11:00 AM Eras Protocol Wissam ElFallal, DO

10:25 AM - 10:45 AM LIVE Q&A: In-depth Review Seminar's Mock Oral Board Exam Workshop

Jessica L. Bartock, DO, FACOS; Hania B. Bednarski, DO, FACOS; Victoria L. Schlanser, DO, FACOS, FACS; Annika Storey, DO, FACOS

11:00 AM - 12:00 PM Dorsal Root Ganglion Stimulation Darren L. Jacobs, DO, FACOS

12:30 PM - 1:00 PM Spinal Cord Stimulation Larry P Maccree, DO, FACOS

12:45 PM - 1:45 PM Updates on Guidelines for Geriatric Surgical Patients Annika Storey, DO, FACOS

1:30 PM - 2:30 PM Spine Dennis Cramer, DO

2:30 PM - 3:30 PM **Spine Fusion Samer ElFallal, DO, FACOS**

4:30 PM - 5:30 PM How Spinal Endoscopy Will Change the Way We Think about Spine Surgery Sanjay Konakondla, MD

NEUROLOGICAL SURGERY DISCIPLINE



6:00 PM - 7:00 PM LIVE FORUM: Rural Surgeons Member Forum

8:00 PM - 9:00 PM LIVE FORUM: The IDEA Forum: Inclusion, Diversity, Equality, and Action Jamie M. Moenster, DO, FACOS, FACS

FRIDAY November 5, 2021

9:00 AM - 10:00 AM Introduction to Quality Improvement Lisa H. Lubomski, PhD

10:00 AM - 11:00 AM Transition from Surgical Provider to Patient Albert H. Yurvati, DO, FACOS, DFACOS

11:00 AM - 12:00 PM Neurological Surgery Podium Presentations

12:00 PM - 1:00 PM Current Advances in Stroke Therapy Vladimir Cortez, DO

1:00 PM - 2:00 PM Business of Medicine/Practice Development Paul J. Wisniewski, DO

2:00 PM - 3:00 PM Vascular Chine Logan, DO, FACS

3:00 PM - 4:00 PM **Understanding Acute Stroke Care for Surgeons Not in Endovascular Neurosurgery Calvin C. Whaley, DO**

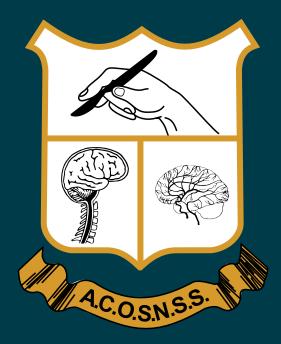
4:00 PM - 5:00 PM AOA Neurosurgery History Kenneth H. Stover, DO, FACOS

5:00 PM - 6:00 PM

Management of Metastatic Spine Oncology Omid Hariri, DO

6:00 PM - 7:00 PM Pearls for Scoliosis Surgery at Levels Adjacent to Prior Surgery Daniel Wells, DO

PLASTIC AND RECONSTRUCTIVE SURGERY DISCIPLINE



CHAIR: JAMIE M. MOENSTER, DO, FACOS Chair-Elect: Jared C. Storck, DO, FACOS Past Chair: James Scott McAdoo, DO, Facos Secretary: Arnold C. Almonte, DO, Facos Governor: Benjamin Lam, DO, Facos

PLASTIC AND RECONSTRUCTIVE SURGERY DISCIPLINE



TUESDAY November 2, 2021

9:30 AM - 11:00 AM Keynote Address: Dream Makers Jim Morris

11:00 AM - 11:30 AM LIVE KEYNOTE CONVERSATION: Q&A with Jim Morris, Jr. Jim Morris; Valerie Sheridan, DO, FACOS, DFACOS, FACS

11:30 AM - 12:15 PM

Theodore F. Classen Memorial Lecture: The Art and Science of Life and Death Debra Classen, BA, MA

1:00 PM - 2:00 PM Introduction to Wound Care Alanna F. Fostyk, DO

6:00 PM - 7:00 PM

LIVE: ACOS Annual Members Meeting Larry G. Armstrong, DO, FACOS, FACS; Kristen Conrad-Schnetz, DO, FACOS, FACS; Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

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11:30 AM - 12:00 PM Facelift under Local Anesthesia Arnold Almonte, DO, FACOS

12:00 PM - 12:30 PM

Lymphedema is NOT a four-letter word: Lymphedema Diagnosis and Management Hania B. Bednarski, DO, FACOS

1:00 PM - 2:00 PM

Saline Breast Implants: Top 10 Advantages for Cosmetic Breast Surgery Ted Eisenberg, DO, FACOS

2:00 PM - 2:30 PM

Integrating a Post-Injury Osteopathic Manipulative Treatment Clinic at a Level 1 Trauma Center Gerard A. Baltazar, DO, FACOS, FACS

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ACOS Ceremonial Conclave Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

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12:45 PM - 1:45 PM Updates on Guidelines for Geriatric Surgical Patients Annika Storey, DO, FACOS

1:00 PM - 2:00 PM Global Innovations and Controversies in Plastic Surgery Harold Bafitis, DO, MPH, DFACOS, FACS

2:00 PM - 3:00 PM Breast Reconstruction: Optimizing Outcomes with Negative Pressure Therapy Devinder Singh, MD

6:00 PM - 7:00 PM LIVE FORUM: Rural Surgeons Member Forum 8:00 PM - 9:00 PM LIVE FORUM: The IDEA Forum: Inclusion, Diversity, Equality, and Action

Jamie M. Moenster, DO, FACOS, FACS

FRIDAY November 5, 2021

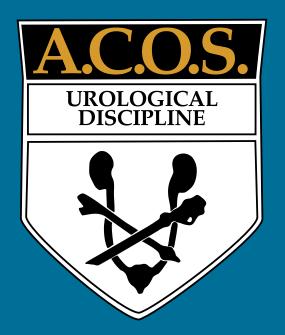
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1:00 PM - 2:00 PM Business of Medicine/Practice Development Paul J. Wisniewski, DO

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
Governor: W. Britt Zimmerman, DO, FACOS

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1:00 PM - 2:00 PM **Peyronie's Disease: Medical and Surgical Management** Kristina Buscaino, DO

2:00 PM - 2:30 PM Testosterone Treatment Kristina Buscaino, DO

3:00 PM - 4:00 PM Male Fertility & COVID Chris Deibert, MD, MPH

4:00 PM - 5:00 PM UTI: A Pediatric Urologist's Perspective George Steinhardt, MD

6:00 PM - 7:00 PM LIVE: ACOS Annual Members Meeting

Larry G. Armstrong, DO, FACOS, FACS; Kristen Conrad-Schnetz, DO, FACOS, FACS; Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

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11:00 AM - 12:00 PM Updates in Urological Trauma W. Britt Zimmerman, DO, FACOS, FACS

12:00 PM - 1:00 PM Urethral Bulking Agents Esther Han, DO, FACS

1:00 PM - 2:00 PM Urolift Update Lynne M. McCormick, DO, FACOS

2:00 PM - 2:30 PM Integrating a Post-Injury Osteopathic Manipulative Treatment Clinic at a Level 1 Trauma Center Gerard A. Baltazar, DO, FACOS, FACS

2:00 PM - 3:00 PM Aquablation Marc Mitchell, DO

3:00 PM - 4:00 PM iTind Minimally Invasive Treatment for BPH Lynne M. McCormick, DO, FACOS



4:00 PM - 5:00 PM Michigan Urological Surgery Improvement Collaborative (MUSIC) Casey Dauw, MD

6:00 PM - 7:30 PM ACOS Ceremonial Conclave Eugene W. Laveroni, DO, FACOS, DFACOS; Christopher A Reeder, DO, FACOS, FACS

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10:30 AM - 11:30 AM Robiotic Renal Surgery Debulking Steven Williams, MD 11:30 AM - 12:00 PM Robotic Update Steven Williams, MD

12:45 PM - 1:45 PM Updates on Guidelines for Geriatric Surgical Patients Annika Storey, DO, FACOS

1:00 PM - 2:00 PM Prostate Cancer I Scott Hughes, DO

2:00 PM - 2:30 PM Prostate Cancer II Scott Hughes, DO

3:00 PM - 4:00 PM New Systemic Treatment Options for Metastatic Renal Cancer Mahdi Taha, DO, FACOI

4:00 PM - 5:00 PM Metastatic Prostate Cancer Mahdi Taha, DO, FACOI

6:00 PM - 7:00 PM LIVE FORUM: Rural Surgeons Member Forum 8:00 PM - 9:00 PM LIVE FORUM: The IDEA Forum:

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12:00 PM - 1:00 PM IC Treatment Update Dawn Bodell, DO, FACOS

1:00 PM - 2:00 PM Business of Medicine/Practice Development Paul J. Wisniewski, DO A.C.O.

AMERICAN OSTEOPATHIC COLLEGE OF PROCTOLOGY



PROGRAM CHAIR: KATHRYN FREEMAN, DO President: Shannon R. Wesley, DO President-Elect: Bryan S. Cross, DO Executive Director/Secretary-Treasurer: Paul E. Broderick, DO

RESILIENCE: STRATEGICALLY MASTERING THE MOMENT

AMERICAN OSTEOPATHIC COLLEGE OF PROCTOLOGY



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11:30 AM - 12:15 PM Theodore F. Classen Memorial Lecture: The Art and Science of Life and Death Debra Classen, BA, MA

1:00 PM - 1:30 PM Cologuard vs. Colonoscopy: What do we tell patients? Adam Dachman, DO, FACOS

1:30 PM - 2:00 PM Advances in Colorectal Screen/Tumor Markers Jacquelyn M. Charbel, DO, FACOS, FACS

2:00 PM - 2:30 PM Updates in Diverticulitis Management Teresa DeBeche-Adams, MD

7:00 PM - 7:30 PM 2021 ACOS Resident Scientific Research Presentations & Awards Lane M. Lee, DO, FACS, FACOS

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11:00 AM - 12:00 PM Managing Large Rectal Polyps - Low Anterior vs Local Excision (TEM) Joseph Gallagher, MD

1:00 PM - 2:00 PM Pelvic Floor Disorders, Incontinence and Prolapse Mena Bekhit, MD

2:00 PM - 3:00 PM History of Proctology Part II David T Harrison, DO, FAOCPr

2:00 PM - 2:30 PM Integrating a Post-Injury Osteopathic Manipulative Treatment Clinic at a Level 1 Trauma Center Gerard A. Baltazar, DO, FACOS, FACS

4:00 PM - 5:00 PM Introduction to Inflammatory Bowel Disease (IBD) Jennifer Seminerio, MD

7:30 PM - 8:30 PM LIVE FORUM: Military Surgeons Member Forum





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B. Bednarski, DO, FACOS; Victoria L. Schlanser, DO, FACOS, FACS; Annika Storey, DO, FACOS

11:00 AM - 12:00 PM Pilonidal Disease Shannon R. Wesley, DO

12:45 PM - 1:45 PM Updates on Guidelines for Geriatric Surgical Patients Annika Storey, DO, FACOS

1:00 PM - 2:00 PM Office/Patient Satisfaction Paul E. Broderick, DO

2:00 PM - 3:00 PM Case Study: Pearl Studded Colon Kathyrn D. Freeman, DO

3:00 PM - 4:00 PM Female Urinary Incontinence and Pelvic Organ Prolapse Chensi Ouyang, MD 6:00 PM - 7:00 PM LIVE FORUM: Rural Surgeons Member Forum

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ANNUAL CLINCAL ASSEMBLY SPEAKERS



RESILIENCE: STRATEGICALLY MASTERING THE MOMENT

Symbol Key

Presentations are marked with colored symbols indicating the discipline or topic.

Cardiothoracic and Vascular Surgery

- 🔿 General Surgery
- O Neurological Surgery
- O Plastic and Reconstructive Surgery
 - O Urological Surgery

American Osteopathic Colloge of Proctology
 General Interest and Keynote Speakers

Arnold Almonte, DO, FACOS - Owner

The Almonte Center for Facial Cosmetic Surgery | Roseville, CA

Facelift under Local Anesthesia O

- Office Based Surgery, Definition California State Board 2021
- Four Levels of Sedation and Anesthesia Update from American Society of Anesthesiologists House of Delegates (Amended 2009 and 2014)
- How to Block and Tackle the Face Zide, B. Plastic & Reconstructive Surgery, 1996

Disclosures: Nothing to Disclose

Harold Bafitis, DO, MPH, DFACOS, FACS - Director

Bafitis Plastic Surgery/Plastic Surgery Institute of The Palm Beaches | Jupiter, FL

Global Innovations and Controversies in Plastic Surgery ^O

- 1992: Ilouz (Aesthetic Plastic Surgery)
- 1997: Brauman (Plastic and Reconstructive Surgery)
- 1999: Shestak (Plastic and Reconstructive Surgery)

Disclosures: Nothing to Disclose

Eric Ballman, DO - General Surgery Resident Physician, PGY3

Sky Ridge Medical Center | Centennial, CO

Post-operative Pulmonary Embolism after Thoracic Endovascular Aortic Repair

- Desai ND, Burtch K, Moser W, et al. Long-term comparison of thoracic endovascular aortic repair (TEVAR) to open surgery for the treatment of thoracic aortic aneurysms. J Thorac Cardiovasc Surg. 2012;144(3):604-611. doi:10.1016/j.jtcvs.2012.05.049
- Ramanan B, Gupta PK, Sundaram A, et al. In-hospital and postdischarge venous thromboembolism after vascular surgery. J Vasc Surg. 2013;57(6):1589-1596. doi:10.1016/j.jvs.2012.11.073
- Grobben, R., Frima, C., Leiner, T., Ruiter, Q., Peelen, L., van Klei, W., Nathoe, H. and van Herwaarden, J., 2016. IP257. Pulmonary Embolism After Endovascular Aortic Repair. Journal of Vascular Surgery, 63(6), p.135S.

Disclosures: Nothing to Disclose

Gerard A. Baltazar, DO, FACOS, FACS - Attending Physician, Division of Trauma and Acute Care Surgery, Department of Surgery

NYU Langone Hospital -- Long Island | Mineola, NY

Integrating a Post-Injury Osteopathic Manipulative Treatment Clinic at a Level 1 Trauma Center 000000

Barral JP & Croibier A. (1999). "Trauma: An Osteopathic Perspective." Eastland Press, Inc, Seattle, WA.



LIVE SESSION: Difficult Cases in EGS Panel •

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5891107/
 The Association of Out Surgeons and Allies www.ncbi.nlm.nih.gov/pmc/articles/PMC5891107/

 Lee KP, Kelz RR, Dube B, Morris JB. (2014). "Attitude and Perceptions of the Other Underrepresented Minority in Surgery." APDS Spring Meeting.

Disclosures: Nothing to Disclose

Jessica L. Bartock, DO, FACOS - General Surgeon, Chair of Infection Control ProMedica Coldwater Regional Hospital | Angola, IN

LIVE Q&A: In-depth Review Seminar's Mock Oral Board Exam Workshop

Mock Oral Boards

Disclosures: Nothing to Disclose

Hania B. Bednarski, DO, FACOS - Oncoplastic Breast Surgeon, Director Breast Surgery

Grand Strand Breast Care | Myrtle Beach, SC

LIVE Q&A: In-depth Review Seminar's Mock Oral Board Exam Workshop

Lymphedema is NOT a four-letter word: Lymphedema Diagnosis and Management

- https://link.springer.com/article/10.1007/s00520-018-4418-4 It still affects our economic situation: long-term economic burden of breast cancer and lymphedema; Lorraine T. Dean et al; Supportive Care in Cancer (2019) 27:1697–1708
- https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5737818/pdf/nihms925117.pdf Breast Cancer Related Lymphedema risk is related to multidisciplinary treatment and not surgery alone – results from a large cohort study; Toan T Nguyen et al; Ann Surg Oncol. 2017 October ; 24(10): 2972–2980. doi:10.1245/s10434-017-5960-x
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- *Disclosures:* Genomic Health (Board Member/Advisory Panel, Other Financial or Material Support, Speaker); Prevention vs Detection (Other Financial or Material Support, Owner, Content Creator); Tactile Medical (Other Financial or Material Support, Speaker)

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Pediatric Hydrocephalus Update ^o

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Disclosures: Nothing to Disclose

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Pelvic Floor Disorders, Incontinence and Prolapse ^O

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Disclosures: Nothing to Disclose

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Philadelphia College of Osteopathic Medicine | Philadelphia, PA

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Disclosures: Nothing to Disclose

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Fourth Corner Neurosurgical Associates | Bellingham, WA

Anterior Cervical Discectomy and Fusion verses Cervical Arthroplasty ^O

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Disclosures: Nothing to Disclose

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IC Treatment Update ^O

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Disclosures: Nothing to Disclose

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• Empathy : The Human Connection to Patient Care, Mayo Clinic YouTube Video



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LIVE SESSION: Difficult Cases in EGS Panel

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5891107/

Disclosures: Nothing to Disclose

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Peyronie's Disease: Medical and Surgical Management ^o Testosterone Treatment ^o

Disclosures: Nothing to Disclose

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Advances in Burn Surgery ^O

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Disclosures: Nothing to Disclose

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Keynote Address: Diversity, Equity, and Inclusion in Healthcare

- Schulman, et al. NEJM 1999
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Disclosures: Nothing to Disclose

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Oncology Skull Base Surgery Complication Avoidance and Management •

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Disclosures: Nothing to Disclose

Tara Chandran, DO - PGY3

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Management of Phlegmasia Cerulea Dolens Caused by Giant Leiomyoma

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Disclosures: Nothing to Disclose

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Covenant HealthCare | Saginaw, MI Advances in Colorectal Screen/Tumor Markers Disclosures: Nothing to Disclose

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LIVE SESSION: Difficult Cases: Rural Surgery Panel

• https://www.nejm.org/doi/full/10.1056/NEJMoa1311194

Neurosurgery Trauma Panel Combined with General Surgery

Disclosures: Nothing to Disclose

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Theodore F. Classen Memorial Lecture: The Art and Science of Life and Death 000000

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Disclosures: Nothing to Disclose

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Redlands Community Hospital Arrowhead Regional Medical Center Riverside University Health Systems Redlands, CA Current Advances in Stroke Therapy O Disclosures: Nothing to Disclose
Dennis Cramer, DO - Neurosurgeon Haider Spine Center Riverside, California Spine O Disclosures: Nothing to Disclose
 Adam Dachman, DO, FACOS - Practicing Surgeon Watertown Regional Medical Center Deerfield, WI Cologuard vs. Colonoscopy: What do we tell patients? •• Multi-target stool DNA testing for Colorectal Cancer Screening NEJM 2014 370 1287-1297 https://www.nejm.org/doi/full/10.1056/NEJMoa1311194 LIVE SESSION: Difficult Cases: Rural Surgery Panel • https://www.nejm.org/doi/full/10.1056/NEJMoa1311194 Disclosures: Nothing to Disclose
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Teresa DeBeche-Adams, MD - Colo Rectal Surgeon AdventHealth Updates in Diverticulitis Management OO Disclosures: Nothing to Disclose
Chris Deibert, MD, MPH - Associate Professor, Urologic Surgery Nebraska Medicine, University of Nebraska Medical Center Gretna, NE Male Fertility & COVID Disclosures: Nothing to Disclose
 Gina R DeMeo, BS - Medical Student Touro University California New York, NY Treatment emergent small cell neuroendocrine prostate cancer • Aggarwal R, Huang J, Alumkal JJ, et al. Clinical and Genomic Characterization of Treatment-Emergent Small-Cell Neuroendocrine Prostate Cancer: A Multi-institutional Prospective Study. J Clin Oncol. 2018;36(24):2492-2503. doi:10.1200/JCO.2017.77.6880 Crawford ED, Heidenreich A, Lawrentschuk N, et al. Androgen-targeted therapy in men with prostate cancer: evolving practice and future considerations. Prostate Cancer Prostatic Dis. 2019;22(1):24-38. doi:10.1038/s41391-018-0079-0 Nadal R, Schweizer M, Kryvenko ON, Epstein JI, Eisenberger MA. Small cell carcinoma of the prostate. Nat Rev Urol. 2014;11(4):213-219. doi:10.1038/nrurol.2014.21



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Socio-Environmental Conditions Associated with Geospatial Clusters of Urothelial Carcinoma: A Multi-institutional Analysis ^Q

Disclosures: Nothing to Disclose

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Disclosures: Nothing to Disclose

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Saline Breast Implants: Top 10 Advantages for Cosmetic Breast Surgery O

• Does Overfilling Smooth Inflatable Saline-Filled Breast Implants Decrease the Deflation Rate: Experience with 4761 Augmentation Mammaplasty Patients. Ted Eisenberg. Aesthetic Plastic Surgery. Vol 45 Issue 5 p. 1991-1999. https://doi.org/10.1007/s00266-021-02198-3

Disclosures: Nothing to Disclose

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Spine Fusion ^O

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Disclosures: Nothing to Disclose

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Eras Protocol ^O

Disclosures: Nothing to Disclose

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Surgical Considerations in Management of Recurrent Breast Cancer •

• Al-Hilli Z, Grobmyer SR. Management Strategies for Locally Recurrent Breast Cancer: Redo-Lumpectomy, Redo-Sentinel Node Biopsy, Redo-Radiation. Ann Surg Oncol. 2019;26(10):3018-3024. doi:10.1245/s10434-019-07545-y



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Innovations in Rural Surgery •

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Disclosures: Nothing to Disclose

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Open and Fetoscopic Surgery for In-Utero Repair of Myelomeningocele •

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Disclosures: Nothing to Disclose

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Introduction to Wound Care •

Grabb & Smith's Plastic Surgery, Seventh Edition

Disclosures: Nothing to Disclose

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Case Study: Pearl Studded Colon O

• chistosomiasis: Epidemiology and clinical manifestations - UpToDate



- Schistosomiasis: Diagnosis UpToDate
- Schistosomiasis: Treatment and prevention UpToDate

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Managing Large Rectal Polyps - Low Anterior vs Local Excision (TEM) ^O

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Disclosures: Nothing to Disclose

Nathan T Givens - Title

Des Moines, Iowa

Mangosteen: Elucidating Treatment for Cervical Cancer

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Disclosures: Nothing to Disclose

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Urethral Bulking Agents ^O

- Kirchin V, Page T, Keegan PE, Atiemo KOM, Cody JD, McClinton S, Aluko P. Urethral injection therapy for urinary incontinence in women. Cochrane Database of Systematic Reviews 2017, Issue 7. Art. No.: CD003881. DOI: 10.1002/14651858.CD003881.pub4. Accessed 24 October 2021.
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Disclosures: Axonics (Consultant)

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Management of Metastatic Spine Oncology ^O

- Kirchin V, Page T, Keegan PE, Atiemo KOM, Cody JD, McClinton S, Aluko P. Urethral injection therapy for urinary incontinence in women. Cochrane Database of Systematic Reviews 2017, Issue 7. Art. No.: CD003881. DOI: 10.1002/14651858.CD003881.pub4. Accessed 24 October 2021.
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Disclosures: Nothing to Disclose

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Disclosures: Nothing to Disclose

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Oncology Laser Interstitial Thermal Therapy •

Disclosures: Nothing to Disclose

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Sternal Reconstruction with Platelet-Rich Plasma Bone Graft: A Case Report O

- Weibrich, G., Hansen, T., Kleis, W., Buch, R., Hitzler, W.E. Effect of platelet concentration in platelet-rich plasma on peri-implant bone regeneration. Elsevier: Bone 2004; 34:665-671.
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Disclosures: Nothing to Disclose

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Prostate Cancer I •

- ProMark CTR (promarktest.com) Clinical Validation of an Epigenetic Assay to Predict Negative Histopathological Results in Repeat Prostate Biopsies Alan Partin et al https:// doi.org/10.1016/j.juro.2014.04.013 prostate.pdf (nccn.org)
- Compare Our Tests | Foundation Medicine www.foundationonemedicine.com ALTERATIONS OF TUMOR MICROENVIRONMENT BY NITRIC OXIDE DONOR IMPEDES CASTRATION RESISTANT PROSTATE CANCER GROWTH. Himanshu Arora*, Kush Panara,



Manish Kuchakulla, Shathiyah Kulandavelu, Kerry L. Burnstein, Andrew

 Advanced Prostate Cancer: AUA/ASTRO/SUO Guideline PART I William T. Lowrance,* Rodney H. Breau, Roger Chou, Brian F. Chapin, Tony Crispino, Robert Dreicer, David F. Jarrard, Adam S. Kibel, Todd M. Morgan, Alicia K. Morgans, William K. Oh, Matthew J. Resnick, Anthony L. Zietman and Michael S. Cookson

Prostate Cancer II ^O

- ProMark CTR (promarktest.com) Clinical Validation of an Epigenetic Assay to Predict Negative Histopathological Results in Repeat Prostate Biopsies Alan Partin et al https:// doi.org/10.1016/j.juro.2014.04.013 prostate.pdf (nccn.org)
- Compare Our Tests | Foundation Medicine www.foundationonemedicine.com ALTERATIONS OF TUMOR MICROENVIRONMENT BY NITRIC OXIDE DONOR IMPEDES CASTRATION RESISTANT PROSTATE CANCER GROWTH. Himanshu Arora*, Kush Panara, Manish Kuchakulla, Shathiyah Kulandavelu, Kerry L. Burnstein, Andrew
- Advanced Prostate Cancer: AUA/ASTRO/SUO Guideline PART I William T. Lowrance,* Rodney H. Breau, Roger Chou, Brian F. Chapin, Tony Crispino, Stephen Freedland, MD; Kirsten Greene, MD; Laurence H. Klotz, MD; Danil V. Makarov, MD; Joel B. Nelson, MD; James Reston, PhD; George Rodrigues, MD; Howard M. Sandler, MD; Mary Ellen Taplin, MD; Jeffrey A. Cadeddu, MD

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Refractory Catamenial Pneumothorax with Concomitant Functional Bowel Obstruction

- Adamson GD, Kennedy S, Hummelshoj L. Creating solutions in endometriosis: global collaboration through the World Endometriosis Research Foundation. J Endometriosis 2010; :3.
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Disclosures: Nothing to Disclose

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Dorsal Root Ganglion Stimulation •

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Peds Challenging Case Discussion •

Disclosures: Nothing to Disclose

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How Spinal Endoscopy Will Change the Way We Think about Spine Surgery O



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De-Escalation of Therapy in Breast Cancer Treatment ^Q

- https://www.nccn.org/professionals/physician_gls/pdf/breast.pdf
- https://www.choosingwisely.org/

Disclosures: Nothing to Disclose

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Epicardial Echocardiography in the Operating Room

- Frenk VE, Shernan SK, Eltzschig HK. Epicardial echocardiography: diagnostic utility for evaluating aortic valve disease during coronary surgery. J Clin Anesth. 2003 Jun;15(4):271-4. doi: 10.1016/s0952-8180(03)00024-2. PMID: 12888162.
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Navigating the MAZE of Atrial Fibrillation Surgery

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Survival of Pregnant Coronavirus Patients on Extracorporeal Membrane Oxygenation

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Disclosures: Nothing to Disclose

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Patient Engagement on Social Media with Urologists in a Community Practice •

 Litman, H. J., & McKinlay, J. B. (2007). The future magnitude of urological symptoms in the USA: Projections using the Boston area community health survey. BJU international,



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Disclosures: Nothing to Disclose

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Disclosures: Nothing to Disclose

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Johns Hopkins University School of Medicine/ Department of Anesthesiology & Critical Care Medicine | Timonium, MD

Introduction to Quality Improvement 000000

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Disclosures: Nothing to Disclose

Larry P. Maccree, DO, FACOS - Neurosurgeon

Methodist Medical Center | Oak Ridge, TN

Spinal Cord Stimulation •

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Disclosures: Nothing to Disclose

Andrew McCague, DO, FACOS - Trauma and Acute Care Surgeon

Desert Regional Medical Center | Palm Springs, CA

From Laparoscopic to Robotic Cholecystectomy: From an Acute Care Surgeon's Perspective ^O

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Lynne M. McCormick, DO, FACOS - Urologist

7919 E 56th St | Chase, MI

iTind Minimally Invasive Treatment for BPH ^O

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Urolift Update ^O

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Disclosures: Nothing to Disclose

Katherine E. McKenzie, DO, FACOS, FACS - Trauma Medical Director

Jamaica Hospital Medical Center | Jamaica, NY

COVID: Sustained Shock and Impact on Trauma Patients ^O LIVE SESSION: Difficult Cases in EGS Panel ^O

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5891107/

Disclosures: Nothing to Disclose

Abrar Mian - Medical Student

Midwestern University College of Osteopathic Medicine | Long Grove, IL

Predictors of Storage Symptom Improvement After Plasma Kinetic Enucleation of the Prostate ^O

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Disclosures: Nothing to Disclose

Tanya Minasian, DO, FACOS - Pediatric Neurosurgeon and Assistant Professor Loma Linda University Children's Health | Loma Linda, CA

Pediatric NeuroTrauma Guidelines: Knowledge Update ^Q

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Disclosures: Nothing to Disclose

Marc Mitchell, DO - Physician

The Doctors Clinic/Franciscan Medical Group | Silverdale, WA

Aquablation •

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Disclosures: Nothing to Disclose

Dan Miulli, DO, FACOS - Program Director, Neurosurgeon

Riverside University Health System-Neurological Surgery | Riverside, CA

Neurosurgery Trauma Panel Combined with General Surgery CO Trauma Glymphatics and OMT O

- Pathophysiologic Mechanisms of Concussion, Development of Chronic Traumatic Encephalopathy, and Emerging Diagnostics: A Narrative Review James A. D. Berry, DO; Christopher Elia, DO; Raed Sweiss, DO; Shokry Lawandy, DO; Ira Bowen, DO; Bailey Zampella, DO; Harneel Saini, OMS IV; James Brazdzionis, DO; Dan Miulli, DO. The Journal of the American Osteopathic Association September 2020: Vol 120, No. 9
- Osteopathic Manipulative Treatment to Optimize the Glymphatic Environment in Severe Traumatic Brain Injury Measured With Optic Nerve Sheath Diameter, Intracranial Pressure Monitoring, and Neurological Pupil Index Samir Kashyap, James Brazdzionis, Paras Savla, James A. Berry, Saman Farr, Tye Patchana, Gohar Majeed, Hammad Ghanchi, Ira Bowen, Margaret Rose Wacker, Dan E. Miulli. Cureus 2021.
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Disclosures: Nothing to Disclose

Jim Morris - Motivational/Inspirational Speaker Jim "The Rookie" Morris | San Antonio, TX Keynote Address: Dream Makers 000000

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- LIVE KEYNOTE CONVERSATION: Q&A with Jim Morris, Jr. 0000000
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Sara Nolte, OMS4 - Primary Presenter

Touro University CA | Vallejo, CA

Quantitative and Qualitative Outcomes of Demonstrated Resilience and Confidence Following Intensive Surgical and Trauma Skills Week (ISTS) Training ^O

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Disclosures: Nothing to Disclose

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Orlando VA Healthcare System

Female urinary incontinence and pelvic organ prolapse ^O

Disclosures: Nothing to Disclose

Herbert Oye, DO, FACOS - Chief Endovascular Surgery Consultant

West Virginia Vascular Institute | Beckley, WV

Delayed Vascular Interventions due to COVID-19 ^o

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Endovascular Office-Based Lab: A New Paradigm Shift for Efficient Care In Rural West Virginia During The COVID-19 pandemic ^Q

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The Emerging role of Endovascular Telesurgery ^O

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Disclosures: Nothing to Disclose

Olivia Panchal, MS - OMS-II Student

University of North Texas HSC/Texas College of Osteopathic Medicine (UNTHSC/ TCOM) | Fort Worth, TX

Comparison of Knee Joint Loading in Subjects 12-Weeks Post-Anterior Cruciate Ligament Reconstruction Versus Repair.

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Disclosures: Nothing to Disclose

Hiren N. Patel, DO, FACOS - Attending

Massachusetts General Hospital | Newton, MA

International Neurosurgery: No CT No Fluoro and Just a CBC ^O

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Disclosures: Nothing to Disclose

Neil N. Patel, DO - Pediatric and Adult Neurosurgeon

Kettering Brain and Spine | Dayton, OH

Peds Transitioning Care of Spina Bifida Patients to Adulthood and other Adult congenital neurosurgical patients ^O

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Disclosures: Nothing to Disclose

Benjamin A. Raymond, DO, FACOS FACS - General Surgeon

West Virginia University Health System - United Hospital Center (UHC) | Bridgeport, WV

Tips and Tricks to Passing your Oral Boards 000000

- American Osteopathic Board of Surgery (AOBS) Website https://certification. osteopathic.org/surgery/
- General Surgery Review: Certifying Edition, The Pass Machine Review Course

Disclosures: Nothing to Disclose

Thomas Robb, DO - Trauma Medical Director

Montefiore St. Luke's-Cornwall | Newburgh, NY

An Update on DVT Prophylaxis in Trauma Patients ^Q

 https://www.westerntrauma.org/wp-content/uploads/2020/07/ WTACriticalDecisions2020UpdatedGuidelinesToReduceVTE.pdf

Disclosures: Nothing to Disclose

Chad Robbins, DO, FACOS - General Surgeon

Glencoe Regional Health

LIVE SESSION: Difficult Cases: Rural Surgery Panel O

https://www.nejm.org/doi/full/10.1056/NEJMoa1311194

Disclosures: Nothing to Disclose

Rebecca Ryznar, PhD - Associate Professor of Molecular Biology

RVU | Parker, CO

Fgf2 is a Predictor of Stress Associated Cortisol Reactivity and Recovery in First Responders ^Q

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trauma disorders. Journal of Experimental

Neuroscience, 11. https://doi.org/10.1177/1179069517749589

Steroid-Thyroid Hormones Play a Significant Role in Stress Recovery and Contribute to Resilience in First Responders ^o

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Disclosures: Nothing to Disclose

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John H Stroger Hospital of Cook County/ Cook County Trauma | Chicago, IL

Damage Control Surgical Resuscitation in the EGS Patient ^Q

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LIVE Q&A: In-depth Review Seminar's Mock Oral Board Exam Workshop

LIVE SESSION: Difficult Cases in EGS Panel ^O

• https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5891107/

Mock Oral Boards

Disclosures: Nothing to Disclose

Jennifer Seminerio, MD - Assistant Professor of Medicine/Director of Inflammatory Bowel Disease

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Introduction to Inflammatory Bowel Disease (IBD) ^O

- Nature Reviews Gastroenterology & Hepatology (Nat Rev Gastroenterol Hepatol) ISSN 1759-5053 (online) ISSN 1759-5045
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Disclosures: Abbvie (Board Member/Advisory Panel, Consultant); Janssen (Board Member/Advisory Panel, Consultant); Pfizer (Board Member/Advisory Panel, Consultant); Takeda (Board Member/Advisory Panel, Consultant)

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LIVE KEYNOTE CONVERSATION: Q&A with Jim Morris, Jr. 000000

• Morris, J. (2020). Dream Makers: Surround Yourself with the Best to Be Your Best. Savio Republic.



Devinder Singh, MD - Chief & Program Director of Plastic Surgery

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Breast Reconstruction: Optimizing Outcomes with Negative Pressure Therapy •

 Sibia US, Singh D, Sidrow KM, Holton LH. Closed-Incision and Surrounding Soft Tissue Negative Pressure Dressings in Post-Mastectomy Pre-Pectoral Direct-to-Implant Breast Reconstruction: A Pilot Study. Plastic Surgery. May 2021. doi:10.1177/22925503211019628

Disclosures: Nothing to Disclose

Olutayo A. Sogunro, DO - General Surgeon

Quinnipiac University, Netter School of Medicine | Arlington, VA

Quality Initiatives Committee Lecture: Introduction to Surgical Quality and Safety and How to build a Quality Improvement Program

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Disclosures: Nothing to Disclose

George Steinhardt, MD - Professor Emeritus Pediatric Urology

Helen De Vos Children's Hospital, Wayne State University | City, State

UTI; A Pediatric Urologist's Perspective ^O

- Naseer SR, Steinhardt GF: Renal scars in children with urinary tract infections, vesicoureteral reflux and voiding dysfunction: prospective evaluation. J Urol 158:566-568, 1997.
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Disclosures: Nothing to Disclose

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Keynote Interview: A Discussion on Resilience with Dr. Eastman LIVE Q&A: In-depth Review Seminar's Mock Oral Board Exam Workshop

Updates on Guidelines for Geriatric Surgical Patients OCOCOCO Disclosures: Nothing to Disclose

Kenneth H. Stover, DO, FACOS - Retired

Retired

AOA Neurosurgery History O



- Personal
- ACOS
- Literature on the origins of CT and MRI

Paul Szotek, MD - Director/CEO

Indiana Hernia Center | Carmel, IN

Advanced Abdominal Wall Reconstruction: Reinforced Biologic Augmented Repair (ReBAR) ^Q

• Ankney C, Banaschak C, Sowers B, Szotek P. Minimizing Retained Foreign Body in Hernia Repair Using a Novel Technique: Reinforced Biologic Augmented Repair (ReBAR). J Clin Med Res. 2021;3(4):1-11.

Disclosures: Bard, Inc. (Consultant); Medtronic (Consultant); TelaBio (Consultant)

Mahdi Taha, DO, FACOI - Medical Oncologist and Medical Director Florida Cancer Specialists and DelRay Medical Center | Boca Raton, FL

Metastatic Prostate Cancer •

New Systemic Treatment Options for Metastatic Renal Cancer

Disclosures: Nothing to Disclose

Dawn R. Tartaglione, DO, FACOS - Medical Director of Neurosurgery

Bayhealth, Inc., Dover DE | Dover, DE

Telemedicine in Neurosurgery Practice: The Pandemic Jumpstart into Virtual Visits Convince the Skeptic ^O

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- Examining the Emergency Medical Treatment and Active Labor Act: impact on telemedicine for neurotrauma Sanjit Shah MD, George L Yang MD, Diana T Le MS et al. AANS Neurosurgery Focus, Volume 49 November 2020."

Disclosures: Nothing to Disclose

Zachariah Taylor, DO - Urology Resident

Main Line Health | Havertown, PA

Hispanic paradox and insurance status associations in advanced prostate cancer: A National Cancer Database Study ^o

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Survival, by Stage and Race/Ethnicity — United States, 2001–2017. MMWR Morb Mortal Wkly Rep 2020;69:1473–1480. DOI: http://dx.doi.org/10.15585/mmwr.mm6941a1external icon

Disclosures: Nothing to Disclose

Nicholas Thoma - Student Doctor, OMS3

RVU | Parker, CO

Point of Care Ultrasound in the Field- Earlier Diagnosis Means Earlier Care . The Viability of Point of Care Ultrasound to Save Resources and Money ^O

- Jonathan D Monti, SP, USA (Ret.), Michael D Perreault, MC, USA, Impact of a 4-hour Introductory eFAST Training Intervention Among Ultrasound-Naïve U.S. Military Medics, Military Medicine, Volume 185, Issue 5-6, May-June 2020, Pages e601–e608,
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Disclosures: Nothing to Disclose

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Critical Access. What is it? •

LIVE SESSION: Difficult Cases: Rural Surgery Panel

https://www.nejm.org/doi/full/10.1056/NEJMoa1311194

Disclosures: Nothing to Disclose

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Philadelphia College of Osteopathic Medicine | Yardley, PA

Mentoplasty Utilizing Acellular Dermal Matrix Graft for Cleft Chin Deformity Correction: A Novel Approach •

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Disclosures: Nothing to Disclose

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Tennessee Orthopaedic Clinics

Pearls for Scoliosis Surgery at Levels Adjacent to Prior Surgery Disclosures: Depuy Synthes (Consultant); Spineology (Consultant)

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Calvin C. Whaley, DO - Endovascular Neurosurgeon

West Virginia Ortho Neuro | Charleston, WV

Understanding Acute Stroke Care for Surgeons Not in Endovascular Neurosurgery •

- Powers WJ, Rabinstein AA, Ackerson T, et al. Guidelines for the Early Management of Patients With Acute Ischemic Stroke: 2019 Update to the 2018 Guidelines for the Early Management of Acute Ischemic Stroke: A Guideline for Healthcare Professionals From the American Heart Association/American Stroke Association. Stroke. 2019 Dec;50(12):e344-e418. doi: 10.1161/STR.000000000000211. Epub 2019 Oct 30. Erratum in: Stroke. 2019 Dec;50(12):e440-e441. PMID: 31662037.
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Disclosures: Nothing to Disclose

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Advent Health Robiotic Renal Surgery Debulking ^o Robotic Update ^o

Disclosures: Nothing to Disclose

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 Business of Medicine/Practice Development OCOCOCO Disclosures: Nothing to Disclose

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Sherman Oaks, CA Oncology Surgical Management of CNS Metastasis ^o Disclosures: Nothing to Disclose

Albert H. Yurvati, DO, FACOS, DFACOS - Professor and Chair of Medical Education UNTHSC TCOM | Southlake, TX Application of Limited Leukocyte Filtration in Pulmonary Resection • • Peinado AmJCritCareMed 1999; 159: 1605-110 Transition from Surgical Provider to Patient •••••• Disclosures: Nothing to Disclose

W. Britt Zimmerman, DO, FACOS, FACS - Urologist
 Michigan State University | East Lansing, MI
 Updates in Urological Trauma
 BJU Int, 2004, 97: 2770



- World J Emerg Surg, 2019, 14:540
 https://uroweb.org/guideline/urological-trauma/, accessed 10.24.2021

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SCIENTIFIC POSTER Presentations



RESILIENCE: STRATEGICALLY MASTERING THE MOMENT

SCIENTIFIC POSTER PRESENTATIONS

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SCIENTIFIC POSTER PRESENTATIONS

Cardiothoracic and Vascular Surgery

Multi-Disciplinary Approach of Phlegmasia Cerulea Dolens Caused by Giant Leiomyoma

Presenter: Tara Chandran, DO Henry Ford Macomb Contributors: Elisabeth S Ekkel, DO; Sachinder Hans, MD

Non traumatic Acute on Chronic Limb Ischemia not requiring prophylactic fasciotomy

Presenter: Judy Wong, MD St John's Episcopal Hospital Contributors: Julia Porter, DO; Suresh Nahata, MD

EACH POSTER PRESENTER HIGHLIGHTED IN **RED** IN THIS LISTING WILL GIVE A PODIUM PRESENTATION DURING THEIR DISCIPLINE'S EDUCATIONAL PROGRAM. SEE THE EDUCATION PROGRAM SCHEDULES FOR SPECIFIC TIMES.



Post-operative Pulmonary Embolism after Thoracic Endovascular Aortic Repair

Presenter: Eric Ballman, DO *Sky Ridge Medical Center* Contributors: Kelsey Staudinger, DO

Primary Mediastinal Germ Cell Tumors: A Case Report

Presenter: Caroline E. Lippe, DO UPMC Pinnacle Community Osteopathic

Recurrent Catamenial Pneumothorax with Concomitant Functional Bowel Obstruction

Presenter: Ryan Huttinger, DO, MHSA Cape Fear Valley Medical Center

GENERAL SURGERY

A "Clear" Carpal Tunnel Syndrome Diagnosis on Ultrasound Examination Does Not Predict Improved Outcomes When Compared to a "Borderline" Diagnosis Presenter: Robert Vernick, Medical Student *Campbell University* Contributors: John Fowler, M.D.

A Rare Presentation of Isolated Cecal Diverticulitis

Presenter: Benjamin E. Hart, DO *Henry Ford Macomb Hospital*



An Unsuspected Case of Hirschsprung Disease in an Adolescent Male with Constipation

Presenter: Chandanee Samaroo *Nova Southeastern University* Contributors: Najla Zayed; Michael Matli

Cecal Endometriosis Presenting as Acute Appendicitis

Presenter: Amelia Chapman, MBA, OMS-III Ohio University Heritage College of Osteopathic Medicine Contributors: Mary Carneval, DO, FACOS

Comparison of Knee Joint Loading in Subjects 12-Weeks Post-Anterior Cruciate Ligament Reconstruction Versus Repair.

Presenter: Olivia Panchal, MS

University of North Texas HSC/Texas College of Osteopathic Medicine (UNTHSC/ TCOM)

Contributors: Shiho Goto, PhD; Steven Singleton, MD; Lindsey Dietrech, MD; Craig Garrison, PhD; Joseph Hannon, PhD, DPT

Compound Intussusception with NET as a lead point

Presenter: Emily Kerby, DO *Henry Ford Macomb Hospital*

Delayed Care in Myocardial Infarction and Ischemic Stroke Patients during the COVID-19 Pandemic

Presenter: Christian Clodfelder, OMSIII

Rocky Vista University

Contributors: Rebecca Ryznar, Phd; Jeffrey Edwards, OMSIII; Joshua Kraemer, OMSIII; Anthony J LaPorta, MD, FACS, FACOS, COL(RET); Spencer Cooper, OMSIII

Encapsulated Intracystic Papillary Carcinoma of Male Breast

Presenter: Judy Wong, MD *St John's Episcopal Hospital* Contributors: Ella Kang, DO; Jackie Battista, DO

Experiential Training for Catastrophe in Military Osteopathic Medical Students. Should Expanding to All Medical Students or Residents be Mandatory.

Presenter: Joseph Farrell, OMS3

Rocky Vista University

Contributors: Svetlana Morrell, OMS3; Isain Zapata, PhD; Anthony J LaPorta, MD, FACS, FACOS, COL(RET); Dikichhya Karki, OMS3; Marion Safaoui, MD



Fgf2 is a Predictor of Stress Associated Cortisol Reactivity and Recovery in First Responders

Presenter: Dean Paz, OMSII

Rocky Vista University

Contributors: Ryan Shelton, EMT-P; Anthony J LaPorta, MD, FACS, FACOS, COL(RET); K.Dean Gubler, DO MPH; Megan Ryan, OMSII; Rebecca Ryznar, Phd

Four Cases of Primary Actinomycosis of the Breast and Axilla

Presenter: Karin H. Gunther, DO *Ascension Macomb-Oakland Hospital* Contributors: Narendra Gohel, M.D.

Free Perforation and Absence of Skip Lesions in Crohn's Disease: A Case Study

Presenter: Katelyn J. Schultz *Lake Erie College of Osteopathic Medicine Bradenton* Contributors: Sameh Atalla, MD, FACS

Hiding from the Enemy - Assessment of Polychromatic Light Visualization from a distance

Presenter: Telyn J. Peterson, OMS4

Rocky Vista University

Contributors: Kristen D'Orazio, OMS III; Andrew Collyer, OMS III; Robert Enzenaur, MD, MPH, MSS, MBA; Anthony J LaPorta, MD, FACS, FACOS, COL(RET); Brennan Bohman, OMS IV

Immunologic considerations in complex kidney transplants

Presenter: Holly C Foote, DO, MS *NYU Langone*

Initial Presentation of Amyloidosis from Post Operative Non-healing Wounds and Mass Formation: A Unique Case Report

Presenter: Eloise Rogers, DO *St. John's Episcopal Hospital* Contributors: Judy Wong, MD

Intraoperative diagnosis of gallbladder agenesis

Presenter: Maryselle Winters, DO *Cape Fear Valley Medical Center* Contributors: Derek Clar, DO



Is there a relationship between postoperative antibiotic use and wound complications in the setting of uncomplicated laparoscopic appendectomy? A retrospective review and quality improvement project Presenter: Matthew A. Sturdivant, DO UPMC Jejunal Intussusception Provoked by Endoscopic Intervention: A Case Report Presenter: Julia Porter, DO St John's Episcopal Hospital Contributors: Ella Kang, DO; Isaac Buff, DO Low Socioeconomic Status Worsens Access to Care and Outcomes for Rotator Cuff Repair: A Scoping Review Presenter: Andrew Gatto, BA Touro University California Mangosteen: Elucidating Treatment for Cervical Cancer Presenter: Nathan T Givens Opioid Free Colectomy Using ERAS Protocol: A Case Report Presenter: Stephen K Paul, DO Grandview Medical Center Orthopedic Knowledge Acquisition During Intensive Surgical Skills Training: A **Retrospective Analysis** Presenter: Telyn J. Peterson, OMS4 Rocky Vista University Contributors: Dave Langley, OMS IV; Anthony J LaPorta, MD, FACS, FACOS, COL(RET) Perforation of the Third Portion of the Duodenum: A Case Report Presenter: Elina C. Kang, DO St. John's Episcopal Hospital Contributors: Delcasse Joseph, MD; Craig A Biegel, DO Point of Care Ultrasound in the Field- Earlier Diagnosis Means Earlier Care . The Viability of Point of Care Ultrasound to Save Resources and Money Presenter: Nicholas Thoma, Student Doctor Rocky Vista University Contributors: Garrett Florey, OMS3; Sean Crary, Student Doctor; Brieanna Hill, OMS3; Amanda Toney, MD; Anthony J LaPorta, MD, FACS, FACOS, COL(RET)



Ouantitative and Oualitative Outcomes of Demonstrated Resilience and Confidence Following Intensive Surgical and Trauma Skills Week (ISTS) training Presenter: Sara Nolte, OMS4 Touro University CA Contributors: Anthony J LaPorta, MD, FACS, FACOS, COL(RET); Telyn J. Peterson, OMS4; Alec Wallace, OMS3; Trevor Thompson, OMS4; Rosellen Roche, MD, Phd Risk Factors Associated with Need for Neurosurgical Intervention in Patients with Mild Traumatic Intracranial Hemorrhage Presenter: Puja D. Patel, DO Lehigh Valley Health Network/University of South Florida Contributors: Jeffery Brown, MS-II; Mark Cipolle, MD, PhD, FACS, FCCM; Kamalesh Shah, MD; Tara Stansbury, MD; Mark Broadwin, MD Rituximab and An Atypical Presentation of PRES: A Case Report Highlighting the Importance of Prompt Recognition and a Call for the Standardization of Treatment Guidelines Presenter: Sarah Van Antwerp Campbell University School of Osteopathic Medicine Contributors: Madison Brown; Dafe Jessa; David Koziel; Tawsif Nadir, DO Small Bowel Perforation from Amyloidosis Presenter: Hamza Bhatti, DO Philadelphia College of Osteopathic Medicine Splenic Hematoma: A rare complication following laparoscopic cholecystectomy Presenter: Shyamal Pansuriya, DO Henry Ford Steroid-Thyroid Hormones Play a Significant Role in Stress Recovery and Contribute to Resilience in First Responders Presenter: Erin Onat, OMSII Rocky Vista University Contributors: Ryan Shelton, EMT-P; Anthony J LaPorta, MD, FACS, FACOS, COL(RET); K.Dean Gubler, DO MPH; Sagar Patel, OMSII; Rebecca Ryznar, Phd Surgical Management of an Endoscopic Ultrasound–Directed Transgastric Endoscopic Retrograde Cholangiopancreatography (EDGE) Complications Presenter: Joseph S. Lim, DO Medical City Healthcare / TCU-UNTHSC SOM Contributors: Matthew Carrick, MD, FACS



Suture Skills Acquisitions: Do skins Affect Efficacy?

Presenter: Telyn J. Peterson, OMS4

Organization

Contributors: Kalvin Zee, OMS IV; Sydnee Woods, OMS IV; Christine Meacham, OMS IV; Andy Nigh, MD, FACS; Bradon Barton, OMS IV

The Accuracy of Pre-hospital Acquisition and Interpretation of Lung POCUS Images in Patients Presenting with COVID-19 Disease.The Protection of the Hospital staff on arrival.

Presenter: Lynzee Allen OMS3, OMS3

Rocky Vista University

Contributors: Sean Crary, Student Doctor; Ryan Shelton, EMT-P; Amanda Toney, MD; Anthony J LaPorta, MD, FACS, FACOS, COL(RET); Kyle Spengler, Oms3

The Relationship Between the Life Events Checklist for DSM-5 (LEC-5) Severity Score and Interleukin Biomarkers in Trauma First Responders

Presenter: Matthew J. Duerr, OMS-II

Rocky Vista University

Contributors: Rebecca Ryznar, Phd; Anthony J LaPorta, MD, FACS, FACOS, COL(RET); Ryan Shelton, EMT-P; K.Dean Gubler, DO MPH; Amanda Brooks, PhD

Three cases of spontaneous evisceration of bowel through a ventral hernia with refractory ascites.

Presenter: Cecilia M. Nguyen, DO

St. John's Episcopal Hospital

Contributors: Pedro Cordero, M.D.; Sergio Baerga, M.D.; Hobin Kang, DO; Umair Haider, M.D.

Understanding Experiential Realistic Training Versus Static Training in Military Physician Education-'THE CUT SUIT EFFECT' on 'COMLEX' and Intensive Surgical Skills and Trauma week.

Presenter: Sean Lynch, Student Doctor

Rocky Vista University

Contributors: K.Dean Gubler, DO MPH; German Berbel, DO,FACOS; David Ross, DO; Katie Ross, Student Doctor; Anthony J LaPorta, MD, FACS, FACOS, COL(RET)

Usability Analysis of 110 United States Military Residency Programs

Presenter: Gina DiMattia, OMS

Rocky Vista University

Contributors: Josh Calvano, DO; Shuhan He, MD; Patrizia Grob, OMS3; Anthony J LaPorta, MD, FACS, FACOS, COL(RET)



USMLE STEP 2 Board Scores and the Effect of Experiential Training vs Static Training, What We Need to Realize.

Presenter: Katie Ross, Student Doctor

Rocky Vista University

Contributors: Marion Safaoui, MD; Rebecca Ryznar, Phd; K.Dean Gubler, DO MPH; Sean Lynch, Student Doctor; Anthony J LaPorta, MD, FACS, FACOS, COL(RET)

NEUROLOGICAL SURGERY

Acute Neurologic Injury in Pediatric Patients with Single Ventricle Congenital Heart Disease

Presenter: Amber L. Valeri, DO Philadelphia College of Osteopathic Medicine Contributors: Shih-Shan Lang, MD; Phillip B Storm, MD; Gregory Heuer, MD; Alexander Tucker, MD; Benjamin Kennedy, MD

PLASTIC AND RECONSTRUCTIVE SURGERY

A Comparison Of Two Techniques For Vaginoplasty in Genital Reconstruction For Male to Female Gender Reassignment: STSG vs. Scrotal Skin Flap Presenter: Elizabeth A Verrico, DO Philadelphia College of Osteopathic Medicine Contributors: Hamza Bhatti, DO

B-Cidal: An Innovative Safe Acid with a potential implication for surgical wounds

Presenter: Hamza Bhatti, DO *Philadelphia College of Osteopathic Medicine* Contributors: Elizabeth A Verrico, DO

Concomitant Use of Mesh and Fascial Sparing Technique to Close Abdominal Wall Defect after Ipsilateral Pedicled TRAM for Unilateral Breast Reconstruction: A Case Report

Presenter: Hamza Bhatti, DO *Philadelphia College of Osteopathic Medicine* Contributors: Elizabeth A Verrico, DO

Innovative Use of Hammocks for Daily Aeration of Posterior Cultured Epithelial Autografts in a Pediatric Patient with Extensive Circumferential Burns

Presenter: Elizabeth A Verrico, DO *Philadelphia College of Osteopathic Medicine* Contributors: Hamza Bhatti, DO



Mentoplasty Utilizing Acellular Dermal Matrix Graft for Cleft Chin Deformity Correction: A Novel Approach

Presenter: Elizabeth A Verrico, DO *Philadelphia College of Osteopathic Medicine* Contributors: Hamza Bhatti, DO

Stem Cell Therapy for the Treatment of Irradiated Fields in Delayed Implantbased Breast Reconstruction Patients

Presenter: Maryselle Winters, DO *Cape Fear Valley Medical Center* Contributors: Macelyn Batten, DO

Sternal Reconstruction with Platelet-Rich Plasma Bone Graft: A Case Report Presenter: Cathleen Huang

University of New England College of Osteopathic Medicine

Use of Incisional Negative Pressure Wound Therapy In Male To Female Genital Reassignment Surgery: A Case Report

Presenter: Elizabeth A Verrico, DO *Philadelphia College of Osteopathic Medicine* Contributors: Hamza Bhatti, DO

Vaginoplasty Dehiscence Healed By Secondary Intention From Local Wound Care: A Case Report

Presenter: Hamza Bhatti, DO *Philadelphia College of Osteopathic Medicine* Contributors: Elizabeth A Verrico, DO

UROLOGICAL SURGERY

Acute Management of Complete Bilateral Ureteral Transections with Ureteral Realignment and Stenting using Antegrade and Retrograde Approach

Presenter: Abrar Mian *Midwestern University College of Osteopathic Medicine* Contributors: Kirk Redger; Brian Flynn

Giant multilocular prostatic cystadenoma in a 14-year-old male: A case report Presenter: Mark E. Quiring, OMS-II UNTHSC TCOM



Hiding in Plain Sight: Matrix Stone

Presenter: Rebecca Wong, MPH *Kansas City University* Contributors: Mihir G. Thaker, DO; Tiffany Camarillo, MD; Gina R DeMeo, BS

Hispanic paradox and insurance status associations in advanced prostate cancer: A National Cancer Database Study

Presenter: Zachariah Taylor, DO Main Line Health Contributors: David Cahn, DO, FACOS; Brian McGreen, DO; Meghan Buckley, MS

Office-Based, Loupe-Assisted Vasovasostomy: A Review of Outcomes Compared to Standard Procedures Presenter: David Peifer, DO

University of Michigan Health-West

Patient Engagement on Social Media with Urologists in a Community Practice

Presenter: Navid Leelani *Alabama College of Osteopathic Medicine* Contributors: Phillip A Barnett

Perioperative Outcomes of Single vs Multi-Port Robotic Assisted Partial Nephrectomy

Presenter: Shana Santarelli, BS *Philadelphia College of Osteopathic Medicine* Contributors: Zachariah Taylor, DO; Gabrielle Yankelevich, DO; Daniel Kim, DO; Max Ahn, MD

Predictors of Storage Symptom Improvement After Plasma Kinetic Enucleation of the Prostate

Presenter: Abrar Mian

Midwestern University College of Osteopathic Medicine

Contributors: Tobias Kohler; Jonathan Warner; Mark Pachorek; Andre-Philippe Sam; Nora Ruel

Retrospective Analysis of Prostate Biopsy Modalities and 30-day Complication Rates

Presenter: Ian T. Madison
Philadelphia College of Osteopathic Medicine
Contributors: Zachariah Taylor, DO; David Cahn, DO, FACOS; Paulette C Dreher, DO; Jessica Kim



Socio-Environmental Conditions Associated with Geospatial Clusters of Urothelial Carcinoma: A Multi-institutional Analysis

Presenter: Paulette C Dreher, DO

Main Line Health

Contributors: Gabrielle Yankelevich, DO; Zachariah Taylor, DO; Meghan Buckley, MS; Laurence Belkoff, DO, FACOS; Daniel C Edwards, DO

Treatment emergent small cell neuroendocrine prostate cancer

Presenter: Gina R DeMeo, BS *Touro University California* Contributors: Rebecca Wong, MPH; Mihir G. Thaker, DO

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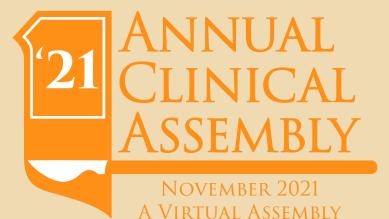


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