



CELEBRATING
95 YEARS
of ACOS

2022 ACOS General Surgery In-depth Review Seminar

Digital Seminar | Launching April 26

www.facos.org/idr



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WELCOME LETTER

This year the American College of Osteopathic Surgeons (ACOS) celebrates our 95th anniversary. And 95 years on, the ACOS' goal remains squarely focused on delivering high caliber continuing medical education (CME) given by expert speakers. Despite the disruption of the pandemic in recent years, we are proud to deliver a digital, on-demand edition of the 2022 General Surgery In-depth Review Seminar (IDR).



The IDR Committee worked diligently to further evolve the quality of this annual Seminar with input from our membership and past attendees. Our 2022 Program Co-Chairs, Dr. Jessica Bartock and Dr. Hania Bednarski, have put together a truly stellar program. Hailing from across the nation our roster of subject matter experts delivered presentations of the highest quality. This year the program also includes two exciting panel presentations. We hope you will enjoy our discussions about challenging cases in Trauma/Critical Care and Breast Cancer. Following our launch, the full program curriculum will be available for on-demand viewing for three years via the ACOS eLearning Portal. This flexibility allows you to learn at your own pace and revisit lectures of great interest.

New this year, the ACOS is now a dually accredited CME sponsor. Registrants of the 2022 IDR are eligible to earn either AOA Category 1A CME Credits or AMA PRA Category 1 Credits™. We hope you value the flexibility to earn the CME credits you need and claim them at a time that fits within your busy schedule.

As Chair of the IDR committee, my dedication lies in bringing you, our member and nonmember registrants, a Seminar that will not only provide a sound basis for review whether preparing for certification/recertification Boards, an in-service exam, earning valuable CME, or updating your clinical practices.

Welcome to the 2022 General Surgery In-depth Review Seminar. We hope you enjoy this ACOS eLearning program and look forward to seeing you, in-person, in 2023.

Sincerely,

Nelayda Fonte, DO, FACOS, DFACOS, FICS
Chair, ACOS In-depth Review Committee



PROGRAM CHAIRS



Jessica L. Bartock, DO, FACOS



Hania B. Bednarski, DO, FACOS

COMMITTEE MEMBERS

- Nelayda Fonte, DO, FACOS, FICS | Chair & Board Liaison
- Jessica L. Bartock, DO, FACOS | Program Chair
- Hania B. Bednarski, DO, FACOS | Program Chair
- David Lee Coffman, DO
- Christopher L. Finley, DO
- Katelin A. Holmes, DO
- Jesse J. Lopez, Jr., DO
- Marylou Rainone, DO, FACOS
- Victoria L. Schlanser, DO, FACOS, FACS
- Annika C. Storey, DO, FACOS
- Jennifer E. Susoreny-Velgos, DO
- Richard J. Unger, DO
- Stephanie Santini, CMP, DES



PROGRAM OVERVIEW

The Program Chairs for the American College of Osteopathic Surgeons' (ACOS) 2022 General Surgery In-depth Review Seminar (IDR) – Jessica L. Bartock, DO, FACOS and Hania B. Bednarski, DO, FACOS, along with the full support of the ACOS In-depth Review Committee developed a first-rate board exam review course.

IDR sessions provide a deep dive into the topics covered in the American Osteopathic Board of Surgery (AOBS) and American Board of Medical Specialties (ABMS) General Surgery certification examinations. Our panel of presenters will discuss the purpose and focus of the exam as well as what examiners are looking for. The intent is to be a thorough review of the examination topics as well as an update for the general surgeon in practice. Participants in this course will find it a helpful experience in preparing for certification or recertification examinations.*

With the weight of the COVID-19 pandemic still upon us, ACOS will continue to keep the health and safety of our members, staff, and the community at large in focus. As such, the 2022 IDR program will be offered in a digital, online format. Launching via the ACOS eLearning Portal on April 26, 2022, registrants of the program will have access to sessions through their ACOS eLearning account for up to 3 years. This means that eligible attendees have the benefit of earning quality continuing medical education (CME) credits and/or preparing for the certification or recertification exams at their pace – Anytime, Anywhere, ACOS eLearning!

STATEMENT OF NEED

General Surgeons need thorough knowledge of the most recent developments and techniques as well as established guidelines in surgery to ensure the highest standards of patient care and safety.

LEARNING OBJECTIVES

At the conclusion of this activity, learners will be better able to:

- apply knowledge gained in preparing for board certification or recertification examinations.
- comprehend the indications, techniques, complications, and outcomes presented of various surgical procedures.
- employ techniques described into their surgical practice to improve patient care.

* ACOS does not guarantee results on any certification or recertification exams.



CME CREDITS AND REQUIREMENTS

By participating in 2022 IDR 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*[™].

The 2022 General Surgery In-depth Review Seminar is eligible for a maximum of 35.50 AOA Category 1-A CME credits or 30 *AMA PRA Category 1 Credits*[™].

AOA CME REQUIREMENTS

The American College of Osteopathic Surgeons (ACOS) is accredited by the American Osteopathic Association (AOA) to provide osteopathic continuing medical education for physicians. Eligible attending physicians can earn American Osteopathic Association continuing medical education (CME) credit by participating in the educational programs and activities at the 2022 In-depth Review Seminar.

This program is approved for a maximum of 35.50 AOA Category 1-A CME credit hours. In accordance with the AOA CME accreditation requirements, the attendee must complete an evaluation of each session attended as well as an overall event evaluation in order to receive AOA CME credit. Physicians should only claim credit commensurate with the extent of their participation in the educational activity. Information on how participants can claim their CME hours will be provided to eligible attendees. After the program evaluation has been completed, a CME certificate can be printed by the registrant. ACOS will report CME credits equal to the extent of the physician's participation in this activity to the AOA.

QUESTIONS AND CONCERNS REGARDING CME

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



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 enduring material activity for a maximum of 30 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

MANAGERS

ACOS managers, Stephanie Santini, CMP, DES, and Kathleen Fitzgerald, CMP have nothing to disclose.

SPEAKER DISCLOSURE STATEMENT

The American College of Osteopathic Surgeons (ACOS) is accredited by the American Osteopathic Association (AOA). In accordance with the AOA Standards of Accreditation; and Accreditation Council for Continuing Medical Education (ACCME) Essential Criteria and Policies and Standards for Commercial Support; and *AMA PRA Category 1 Credits*[™] guidelines, none of the planners, staff, speakers or faculty have any relevant financial relationships to disclose except those listed in the faculty roster. Any relevant financial relationship has been mitigated in advance of the activity.

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.

In-depth Review



SPEAKER PRESENTATION DISCLAIMER

The opinions and ideas expressed by IDR 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, or their disciplines and sections.

DISCLOSURE OF UNLABELED USE

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

DISCLAIMER

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



TUESDAY | APRIL 26, 2022

Welcome Statements

- | Nelayda Fonte, DO, FACOS, DFACOS, FICS
- | Hania Bednarski, DO, FACOS
- | Jessica Bartock, DO, FACOS

Tips and Tricks for Passing the Written and Oral Boards

- | Benjamin Raymond, DO, FACOS, FACS

Fluids, Electrolytes and Nutrition: There's nothing normal about Normal Saline. And, when will you stop ordering Prealbumin?

- | Roy Danks, DO, FACOS

Anesthesia and Pain Management for Surgeon

- | Aaron Berg, DO

Ventilator Management & ARDS

- | Rajiv Amesur, DO

Sepsis and Antibiotic Management

- | Jenna Overly, MD

Shock, Resuscitation and Transfusion Reaction

- | Gul Sachwani-Daswani, DO, FACOS

Newborn/Infant Surgical Emergencies

- | Carey Watson, MD

Toddler/Child Surgical Emergencies

- | Michael Allshouse, DO, FACS, FAAP

Malignant Melanoma and Skin Cancer

- | Jamie Moenster, DO, FACOS, FACS

Soft Tissue Sarcoma Review and Updates

- | James Ouellette, DO, FACS

Hernias: Anatomy and Management

- | Kristoffer Wong, DO, FACOS



WEDNESDAY | APRIL 27, 2022

Trauma Review, Part 1

| Victoria Schlanser, DO, FACOS, FACS

Trauma Review, Part 2

| Annika Storey, DO, FACOS

PANEL DISCUSSION: Challenges in Trauma and Critical Care

| David Lee Coffman, DO (Moderator)

| Victoria Schlanser, DO, FACOS, FACS

| Roy Danks, DO, FACOS

| Annika Storey, DO, FACOS

Burn Injury

| Julie Caffrey, DO, FACOS

Abdominal Aortic Aneurysm

| Eugene Laveroni, DO, FACOS, DFACOS

Carotid Artery Disease and Treatment

| Natalie Weger, DO

Peripheral Vascular Disease

| Christopher Esper, DO, FACOS, FACS

Diagnosis and Treatment of Venous Disease

| Elizabeth Pensler, DO, FACOS, RPVI

Mesenteric Ischemia

| Christopher Esper, DO, FACOS, FACS

Transplantation Review

| David St. Michel, DO, MPH

Bariatric Surgery and Emergencies

| Christopher Manieri, DO



THURSDAY | APRIL 28, 2022

Benign Breast Disease

| Lauren Kopicky, DO, FACOS, FACS

Breast Imaging

| Lauren Kopicky, DO, FACOS, FACS

Breast Cancer Workup

| Cynthia Aks, DO

Breast Cancer Treatment and Reconstruction

| Salvatore Nardello, DO, MBS

PANEL DISCUSSION: Challenging Cases in Breast Cancer

| Hania Bednarski, DO, FACOS (Moderator)

| Lauren Kopicky, DO, FACOS, FACS

| Cynthia Aks, DO

| Salvatore Nardello, DO, MBS

Evaluation and Management of Adrenal Tumors

| Sarah Fisher, MD

Evaluation and Management of MEN Syndromes

| Ana Islam, MD

Operative Indications and Challenges in Parathyroid Surgery

| Sundeep Alapati, DO

Thyroid Malignancy

| Sundeep Alapati, DO

GIST

| Trevy Ramos, DO

Appendiceal Disease

| Scott Nelson, DO

Surgical Management of Inflammatory Bowel Disease

| Scott Nelson, DO



FRIDAY | APRIL 29, 2022

Workup and Surgery in Benign Esophageal Disease

| Jane Ohde, DO

Overview of Esophageal Cancer

| Nicole Geissen, DO, FACOS

Gastric Disease - Peptic Ulcer Disease and Gastric Cancer

| Melissa Felinski, DO

Screening and Treatment of Portal Hypertension

| Sonali Paul, MD

Benign and Malignant Hepatic Tumors

| Malini Sur, MD

Benign Biliary Tree Conditions

| Trevy Ramos, DO

Malignant Biliary Tree Conditions

| Malini Sur, MD

Benign Pancreatic Disease

| Aaron Pinnola, DO

Malignant Pancreatic Disease

| Aaron Pinnola, DO

Benign Colon Disease and Endoscopy/Polyposis Syndromes

| Edwin Itenberg, DO, FACS, FASCRS

Diagnosis and Treatment of Colon and Rectal Cancer

| Fia Yi, MD, FACS, FACRS

Anorectal Disease and Anal Cancer

| Anna Spivak, DO

Closing Remarks

| Jessica Bartock, DO, FACOS

| Hania Bednarski, DO, FACOS



IDR FACULTY

Cynthia Aks, DO | Director Breast Program at Legacy Mount Hood Medical Center | Legacy Health System

Breast Cancer Workup

- Surveillance Epidemiology and End Results (SEER). Cancer Stat Facts: Female Breast Cancer. National Cancer Institute. Available at <http://seer.cancer.gov/statfacts/html/breast.html#incidence-mortality>. Accessed: February 4, 2021.
- Kerlikowske K, Zhu W, Tosteson A, et al. Identifying Women With Dense Breasts at High Risk for Interval Cancer: A Cohort Study. *Ann Intern Med*. 2015. 162:673-681.

Panel Discussion: Challenging Cases in Breast Cancer

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1356294> : Micrometastasis in the Sentinel Lymph Node of Breast Cancer Does Not Mandate Completion Axillary Dissection
- <https://www.nejm.org/doi/full/10.1056/nejmoa1804710> : Adjuvant Chemotherapy Guided by a 21-Gene Expression Assay in Breast Cancer

Nothing to Disclose

Sundeep Alapati, DO | Head and Neck Surgeon | North Alabama ENT Associates

Operative Indications and Challenges in Parathyroid Surgery

- <https://pubmed.ncbi.nlm.nih.gov/18177802/>
- <https://academic.oup.com/jcem/article/98/3/902/2536510>

Thyroid Malignancy

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4739132/>
- <https://www.sciencedirect.com/science/article/pii/S174391911200814X>

Nothing to Disclose

Michael Allshouse, DO, FACS, FAAP | Professor of Pediatric Surgery | East Tennessee State University

Toddler/Child Surgical Emergencies

- Pediatric Not a Textbook. APSA
- Gates, et al. Non operative management of solid organ injuries in children: An American Pediatric Surgical Association outcomes and evidence-based practice committee systematic review. *Journal of Pediatric Surgery* 2019 Jan 31 epub.

Nothing to Disclose



IDR FACULTY

Rajiv Amesur, DO | Physician | Las Vegas Intensive & Pulmonary Specialists

Ventilator Management & ARDS

- Vincent, J.-L. (2017). Textbook of critical care. Elsevier.
- Broaddus, V. C., Murray, J. F., & Mason, R. J. (2016). Murray and Nadel's textbook of Respiratory Medicine. Elsevier / Saunders.

Nothing to Disclose

Jessica Bartock, DO, FACOS | General Surgeon, Chair of Infection Control | ProMedica Coldwater Regional Hospital

Closing Remarks

Welcoming Statements

Nothing to Disclose

Hania Bednarski, DO, FACOS | Oncoplastic Breast Surgeon | Prevention vs Detection, LLC

Closing Remarks

Panel Discussion: Challenging Cases in Breast Cancer

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1356294> : Micrometastasis in the Sentinel Lymph Node of Breast Cancer Does Not Mandate Completion Axillary Dissection
- <https://www.nejm.org/doi/full/10.1056/nejmoa1804710> : Adjuvant Chemotherapy Guided by a 21-Gene Expression Assay in Breast Cancer

Welcoming Statements

Disclosures

- Genomic Health (Self) : Board Member/Advisory Panel (Status: Terminated --- 2021), Speaker (Status: Terminated --- 2021); Prevention vs Detection (Both Myself and my Spouse/Partner) : Other Financial or Material Support (Status: Ongoing), Owner, Content Creator (Status: Ongoing); Tactile Medical (Self) : Other Financial or Material Support (Status: Ongoing), Speaker (Status: Ongoing)



IDR FACULTY

Aaron Berg, DO | Assistant Professor | University of Minnesota

Anesthesia and Pain Management for Surgeon

- ACC/AHA Cardiac Evaluation and Care Algorithm for Noncardiac Surgery. (Reproduced, with permission, from Fleischer LA, Beckman JA, Brown KA, et al. ACC/AHA 2007 guidelines on perioperative cardiovascular evaluation and care for noncardiac surgery: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. *J Am Coll Cardiol.* 2007;54:e169.)
- <https://h2hcardiacphysio.com/what-is-a-met/>

Disclosures

- Pacira (Self) : Consultant (Status: Ongoing)

Julie Caffrey, DO, FACOS | Associate Professor | The Johns Hopkins University School of Medicine

Burn Injury

- Zuo KJ, Medina A, Tredget EE. Important Developments in Burn Care. *Plast Reconstr Surg.* 2017 Jan;139(1):120e-138e. doi: 10.1097/PRS.0000000000002908. PMID: 28027250.
- Saffle JL. The phenomenon of "fluid creep" in acute burn resuscitation. *J Burn Care Res.* 2007 May-Jun;28(3):382-95. doi: 10.1097/BCR.0B013E318053D3A1. PMID: 17438489.

Nothing to Disclose

David Lee Coffman, DO | Professor, General Surgery | TUCOM-California

Panel Discussion: Challenges in Trauma and Critical Care

- Comparison of long-term outcomes from rib fractures for patients undergoing both operative and non-operative management: a survey analysis; Zachary Mitchel Bauman 1, Michael Visenio 2, Megha Patel 2, Connor Sprigman 2, Ashley Raposo-Hadley 2, Collin Pieper 2, Micah Holloway 2, Gunnar Orcutt 2, Samuel Cemaj 2, Charity Evans 2, Emily Cantrell 2; Affiliations expand PMID: 35212792 DOI: 10.1007/s00068-022-01900-7
- A multicenter, prospective, controlled clinical trial of surgical stabilization of rib fractures in patients with severe, nonflail fracture patterns (Chest Wall Injury Society NONFLAIL); Fredric M Pieracci 1, Kiara Leasia, Zach Bauman, Evert A Eriksson, Lawrence Lottenberg, Sarah Majercik, Ledford Powell, Babak Sarani, Gregory Semon, Bradley Thomas, Frank Zhao, Cornelius Dyke, Andrew R Doben; Affiliations expand PMID: 31804414

Nothing to Disclose



IDR FACULTY

Roy Danks, DO, FACOS | Trauma Medical Director | Southern Illinois Healthcare

Fluids, Electrolytes and Nutrition: There's nothing normal about Normal Saline. And, when will you stop ordering Prealbumin?

- Balanced Crystalloids versus Saline in Critically Ill Adults <https://www.nejm.org/doi/full/10.1056/nejmoa1711584>
- Nutrition in Clinical Practice: Volume 36 Number 1; February 2021 22–28; © 2020 American Society for Parenteral and Enteral Nutrition; DOI: 10.1002/ncp.10588; wileyonlinelibrary.com

Panel Discussion: Challenges in Trauma and Critical Care

- Comparison of long-term outcomes from rib fractures for patients undergoing both operative and non-operative management: a survey analysis; Zachary Mitchel Bauman 1, Michael Visenio 2, Megha Patel 2, Connor Sprigman 2, Ashley Raposo-Hadley 2, Collin Pieper 2, Micah Holloway 2, Gunnar Orcutt 2, Samuel Cemaj 2, Charity Evans 2, Emily Cantrell 2; Affiliations expand PMID: 35212792 DOI: 10.1007/s00068-022-01900-7
- A multicenter, prospective, controlled clinical trial of surgical stabilization of rib fractures in patients with severe, nonflail fracture patterns (Chest Wall Injury Society NONFLAIL); Fredric M Pieracci 1, Kiara Leasia, Zach Bauman, Evert A Eriksson, Lawrence Lottenberg, Sarah Majercik, Ledford Powell, Babak Sarani, Gregory Semon, Bradley Thomas, Frank Zhao, Cornelius Dyke, Andrew R Doben; Affiliations expand PMID: 31804414

Nothing to Disclose

Christopher Esper, DO, FACOS, FACS | Vice President of Medical Affairs, Attending Surgeon, Associate Program Director General Surgery Surgery | UPMC Hoizon and Jameson Hospitals

Mesenteric Ischemia

- Jimenez, J. & Quinones-Baldrich. 7th ed. 2010. Rutherford's Vasculature Surgery 2260-2272. Philadelphia, Pa.
- El-Felany, M. & Gaillend, F. Radiopedia
- Wyers, M. 7th ed. 2010. Rutherford's Vasculature Surgery. 2289-2303. Philadelphia, Pa.

Peripheral Vascular Disease

- Rutherford's Vascular Surgery & Endovascular Therapy. 9th ed. 2019.

Nothing to Disclose



IDR FACULTY

Melissa Felinski, DO | Assistant Professor, Department of Surgery | The University of Texas (UTHealth)

Gastric Disease - Peptic Ulcer Disease and Gastric Cancer

- https://www.nccn.org/professionals/physician_gls/pdf/gastric.pdf
- Clinical features, diagnosis, and staging of gastric cancer. Author: Paul F Mansfield, MD, FACS UpToDate

Nothing to Disclose

Sarah Fisher, MD | Assistant Professor | University of Texas MD Anderson Cancer Center

Evaluation and Management of Adrenal Tumors

- The American Association of Clinical Endocrinologists and American Association of Endocrine Surgeons medical guidelines for the management of adrenal incidentalomas.
- Zeiger MA, Thompson GB, Duh QY, Hamrahian AH, Angelos P, Elaraj D, Fishman E, Kharlip J; American Association of Clinical Endocrinologists; American Association of Endocrine Surgeons.
- Endocr Pract. 2009 Jul-Aug;15 Suppl 1:1-20. doi: 10.4158/EP.15.S1.1.

Nothing to Disclose

Nelayda Fonte, DO, FACOS, DFACOS, FICS | Trauma and General Surgeon/Critical Care Intensivist | Lehigh Regional Medical Center

Welcoming Statements

Nothing to Disclose

Nicole Geissen, DO, FACOS | Assistant Professor, Department of Cardiovascular Thoracic Surgery, Associate Program Director, Cardiothoracic Residency Program | Rush University Medical Center

Overview of Esophageal Cancer

- D. J. Sugarbaker, R Bueno, Y.L Colson, M.T. Jakitsch, M. J Kresna, S.J Mentzer, N Williams, A Admas: Adult Chest Surgery, 2nd Edition www.accesssurgery.com
- N Engl J Med 2011; 365:1375-1383 Ann Int Med 1999;130:883-890

Nothing to Disclose



IDR FACULTY

Ana Islam, MD | Assistant Professor, Division of Endocrine Surgery, Department of Surgery | University of Texas Southwestern Medical Center

Evaluation and Management of MEN Syndromes

- Kiernan CM et al. Surgical Management of Multiple Endocrine Neoplasia 1 and Multiple Endocrine Neoplasia 2. *Surg Clin N Am*. 2019;99:693-706
- Brandi ML et al. Guidelines for Diagnosis and Therapy of MEN Type 1 and Type 2. *J Clin Endocrinol Metab*. 2001;86:5658-5671.

Nothing to Disclose

Edwin Itenberg, DO, FACS, FASCRS | Senior Staff | Henry Ford Hospital

Benign Colon Disease and Endoscopy/Polyposis Syndromes

- ASCRS Textbook of Colon and Rectal Surgery. 3rd ed: Ch 4,5,40.
- Hall J, Hardiman K, Lee S, Lightner A, Stocchi L, Paquette IM, Steele SR, Feingold DL. The American Society of Colon and Rectal Surgeons Clinical Practice Guidelines for the Treatment of Left-Sided Colonic Diverticulitis. *Dis Colon Rectum*. 2020 Jun;63(6):728-747.

Nothing to Disclose

Lauren Kopicky, DO, FACOS, FACS | Breast Surgeon | Parkview Cancer Institute

Benign Breast Disease

- Diseases of the Breast 5e, Harris, et al
- NCCN Guidelines 2.2022, Breast Cancer Risk Reduction, Breast Cancer Screening and Diagnosis, Breast Cancer

Breast Imaging

- ACR BI-RADS atlas, 5th edition Kopans
- Second-Look US: How to Find Breast Lesions with a Suspicious MR Imaging Appearance. *Radiographics* 2013; 33:1361-1375.

Panel Discussion: Challenging Cases in Breast Cancer

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1356294> : Micrometastasis in the Sentinel Lymph Node of Breast Cancer Does Not Mandate Completion Axillary Dissection
- <https://www.nejm.org/doi/full/10.1056/nejmoa1804710> : Adjuvant Chemotherapy Guided by a 21-Gene Expression Assay in Breast Cancer

Nothing to Disclose



IDR FACULTY

Eugene Laveroni, DO, FACOS, DFACOS | Vascular Surgeon, Chief of Surgery | Beaumont Farmington Hills

Abdominal Aortic Aneurysm

- Veronika Kessler, Johannes Klopff, Wolf Eilenberg, Christoph Neumayer & Christine Brostjan. Elena Kaschina, Academic Editor. AAA Revisited: A Comprehensive Review of Risk Factors, Management and Hallmarks of Pathogenesis. *Biomedicines* 2022 January; 10(1): 94. DOI: 10.3390/biomedicines10010094.
- Anthony R. Brady, MSc; Simon G. Thompson, DSc; F. Gerald R. Fowkes, FRCPE; Roger M. Greenhalgh, MD; Janet T. Powell, MD; on behalf of the UK Small Aneurysm Trial Participant. Abdominal Aortic Aneurysm Expansion Risk Factors and Time Intervals for Surveillance. *Circulation*. 2004; 110:16-21. DOI: 10.1161/01.CIR.0000133279.07468.9F
- Bo Liu, David J. Granville, Jonathan Golledge, and Zamaneh Kassiri. Pathogenic mechanisms and the potential of drug therapies for aortic aneurysm: *Am J Physiol Heart Circ Physiol* 318: H652–H670, 2020. doi:10.1152/ajpheart.00621.2019.

Nothing to Disclose

Christopher Manieri, DO | Bariatric Surgeon | Beebe Health Care

Bariatric Surgery and Emergencies

- Lim R, Beekley A, Johnson D, Davis KA. Early and late complications of bariatric operations. *Trauma Surg Acute Care* 2018;3:e000219

Nothing to Disclose

Jamie Moenster, DO, FACOS, FACS | Co-founder | Dermatology and Plastic Surgery of Arizona

Malignant Melanoma and Skin Cancer

- <https://www.nccn.org/guidelines/recently-published-guidelines>
- The eighth edition American Joint Committee on Cancer (AJCC) melanoma staging system: implications for melanoma treatment and care, Emily Z. Keung and Jeffrey E. Gershenwaldo

Disclosures

- Candela (Self) : Board Member/Advisory Panel (Status: Ongoing), Consultant (Status: Ongoing), speaker for Candela and physician liaison (Status: Ongoing)



IDR FACULTY

Salvatore Nardello, DO, MBS | Medical Director Breast Health Center | Tufts Medicine

Breast Cancer Treatment and Reconstruction

- ASBrS Consensus Guidelines 2022; USPSTF Guidelines 2022
- Oncoplastic Breast-Conserving Surgery for Synchronous Multicentric and Multifocal Tumors: Is It Oncologically Safe? A Retrospective Matched-Cohort Analysis Francesca De Lorenzi, MD, PhD,1 Francesco Borelli, MD, 1 Eleonora Pagan, MSc,2 Vincenzo Bagnardi, PhD,2 Nickolas Peradze, MD,3 Barbara Alicia Jereczek-Fossa, MD, PhD,4 Cristina Leonardi, MD,4 Giovanni Mazzarol, MD,5 Giorgio Favia, MD,1 Giovanni Corso, MD, PhD,3 Emilia Montagna, MD,6 Mario Rietjens, MD, PhD,1 and Paolo Veronesi, MD, PhD30
- NCCN 2.2022 Ductal Carcinoma in Situ

Panel Discussion: Challenging Cases in Breast Cancer

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1356294> : Micrometastasis in the Sentinel Lymph Node of Breast Cancer Does Not Mandate Completion Axillary Dissection <https://www.nejm.org/doi/full/10.1056/nejmoa1804710> : Adjuvant Chemotherapy Guided by a 21-Gene Expression Assay in Breast Cancer

Nothing to Disclose

Scott Nelson, DO | Chief of Staff, Board Chair Asante Physician Partners | Three Rivers Medical Center

Appendiceal Disease

- A randomized trial comparing antibiotics with appendectomy for appendicitis; NEJM Nov 12, 2020; 383:1907-1919
- Fugazzola P, Coccolini F, Tomasoni M, et al. Early appendectomy vs. conservative management in complicated acute appendicitis in children: a meta-analysis. J Pediatric Surg. 2019;54:2234-41.

Surgical Management of Inflammatory Bowel Disease

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- The American Society of Colon and Rectal Surgeons Clinical Practice Guidelines for the Surgical Management of Crohn's Disease Amy L. Lightner, M.D.1 Jon D. Vogel, M.D.2 Joseph C. Carmichael, M.D.3 Deborah S. Keller, M.D., M.S.4 Samir A. Shah, M.D.5 Uma Mahadevan, M.D.6 Sunanda V. Kane, M.D., M.S.P.H. 7 Ian M. Paquette, M.D.8 Scott R. Steele, M.D., M.B.A.1 Daniel L. Feingold, M.D.9

Nothing to Disclose



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Workup and Surgery in Benign Esophageal Disease

- <https://www.sages.org/publications/guidelines/guidelines-for-the-surgical-treatment-of-gastroesophageal-reflux-gerd/>
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Nothing to Disclose

James Ouellette, DO, FACS | Chief, Surgical Oncology | Wright State University

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Nothing to Disclose

Jenna Overly, MD | Staff Surgeon | Beaumont Hospital

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Nothing to Disclose



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Sonali Paul, MD | Assistant Professor of Medicine | University of Chicago Medicine

Screening and Treatment of Portal Hypertension

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Disclosures

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Elizabeth Pensler, DO, FACOS, RPVI | Private Practice Vascular Surgeon | Pensler Vein and Vascular Surgical Institute

Diagnosis and Treatment of Venous Disease

- Management of varicose veins. Jones RH, Carek PJ. *Am Fam Physician*. 2008 Dec 1;78(11):1289-94. PMID: 19069022 Review.
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Nothing to Disclose

Aaron Pinnola, DO | Associate Program Director General Surgery Residency | Grand Strand Medical Center/HCA

Benign Pancreatic Disease

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Malignant Pancreatic Disease

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Nothing to Disclose



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Trevy Ramos, DO | Staff Surgeon | Johnson City Medical Center and Franklin Woods Community Hospital

Benign Biliary Tree Conditions

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Nothing to Disclose

Benjamin Raymond, DO, FACOS FACS | General Surgeon | West Virginia University Health System - United Hospital Center (UHC)

Tips and Tricks for Passing the Written and Oral Boards

- American Osteopathic Board of Surgery (AOBS) Website - <https://certification.osteopathic.org/surgery/certification-process-overview/general-surgery/oral-exam/>
- General Surgery Review: Certifying Edition, The Pass Machine Review Course

Nothing to Disclose

Gul Sachwani-Daswani, DO, FACOS | Pediatric Trauma Director, Surgical ICU Director, Director of Trauma Research | Hurley Medical Center

Shock, Resuscitation and Transfusion Reaction

- Schwartz's Principles of Surgery, 11e
- The Trauma Manual: Trauma and Acute Care Surgery, 5th Edition

Nothing to Disclose



IDR FACULTY

Victoria Schlanser, DO, FACOS, FACS | Attending Surgeon | John H Stroger Hospital of Cook County/
Cook County Trauma

Panel Discussion: Challenges in Trauma and Critical Care

- Comparison of long-term outcomes from rib fractures for patients undergoing both operative and non-operative management: a survey analysis; Zachary Mitchel Bauman 1, Michael Visenio 2, Megha Patel 2, Connor Sprigman 2, Ashley Raposo-Hadley 2, Collin Pieper 2, Micah Holloway 2, Gunnar Orcutt 2, Samuel Cemaj 2, Charity Evans 2, Emily Cantrell 2; Affiliations expand PMID: 35212792 DOI: 10.1007/s00068-022-01900-7
- A multicenter, prospective, controlled clinical trial of surgical stabilization of rib fractures in patients with severe, nonflail fracture patterns (Chest Wall Injury Society NONFLAIL); Fredric M Pieracci 1, Kiara Leasia, Zach Bauman, Evert A Eriksson, Lawrence Lottenberg, Sarah Majercik, Ledford Powell, Babak Sarani, Gregory Semon, Bradley Thomas, Frank Zhao, Cornelius Dyke, Andrew R Doben; Affiliations expand PMID: 31804414

Trauma Review, Part 1

- <https://img.grepmed.com/uploads/4905/neurology-syndromes-diagnosis-central-brownsquard-original.png>
- Mattox, Kenneth, Moore Trauma 7th Edition

Nothing to Disclose

Anna Spivak, DO | Colorectal Surgeon | Cleveland Clinic

Anorectal Disease and Anal Cancer

- ASCRS textbook of Colon and rectal surgery, Steele SR, Hull TL, etc. 2022
- ASCRS Clinical Practice Guidelines

Nothing to Disclose

David St. Michel, DO, MPH | Transplant Surgeon, Medical Director of Surgical Quality | Hennepin County
Medical Center

Transplantation Review

- 2016 Annual Data Report. Scientific Registry of Transplant Recipients http://srtr.transplant.hrsa.gov/annual_reports/Default.aspx Accessed May/June 2018
- Annual Data Report. Scientific Registry of Transplant Recipients http://srtr.transplant.hrsa.gov/annual_reports/Default.aspx Accessed January 2022.
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Nothing to Disclose



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Panel Discussion: Challenges in Trauma and Critical Care

- Comparison of long-term outcomes from rib fractures for patients undergoing both operative and non-operative management: a survey analysis; Zachary Mitchel Bauman 1, Michael Visenio 2, Megha Patel 2, Connor Sprigman 2, Ashley Raposo-Hadley 2, Collin Pieper 2, Micah Holloway 2, Gunnar Orcutt 2, Samuel Cemaj 2, Charity Evans 2, Emily Cantrell 2; Affiliations expand PMID: 35212792 DOI: 10.1007/s00068-022-01900-7
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- Frontera, J.A., Lewin III, J.J., Rabinstein, A.A., Aisiku, I.P., Alexandrov, A.W., Cook, A.M., del Zoppo, G.J., Kumar, M.A., Peerschke, E.I.B., Stiefel, M.F., Teitelbaum, J.S., Wartenberg, K.E., & Zerfoss, C.L. (2015, December 29). Guideline for Reversal of Antithrombotics in Intracranial Hemorrhage: A Statement for Healthcare Professionals from the Neurocritical Care Society and Society of Critical Care Medicine. *Neurocritical care.*, 24(1), 6-46. doi:10.1007/s12028-015-0222-x
- Western Trauma Association Critical Decisions in Trauma: Management of Pelvic Fracture With Hemodynamic Instability; James W. Davis, MD, FACS, Frederick A. Moore, MD, FACS, Robert C. McIntyre, Jr., MD, FACS, Christine S. Cocanour, MD, FACS, Ernest E. Moore, MD, FACS, and Michael A. West, MD, FACS, Courtesy L. Johnson, MD FACS
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Nothing to Disclose



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Malini Sur, MD | Surgeon | Northside Hospital Cancer Institute

Benign and Malignant Hepatic Tumors

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- Jarnagin, William R. MD*; Fong, Yuman MD, FACS*; DeMatteo, Ronald P. MD*; Gonen, Mithat PhD†; Burke, Edmund C. MD*; Bodniewicz, Jessica BS*; Youssef, Miranda BA*; Klimstra, David MD† and; Blumgart, Leslie H. MD, FRCS, FACS* Staging, Resectability, and Outcome in 225 Patients With Hilar Cholangiocarcinoma, *Annals of Surgery*: October 2001 - Volume 234 - Issue 4 - p 507-519

Nothing to Disclose

Carey Watson, MD | Surgeon | Great Lakes Pediatric Surgery, LLC

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Nothing to Disclose

Natalie Weger, DO | Vascular Surgeon | University of Iowa

Carotid Artery Disease and Treatment

- Landmark Papers Jimenez and Wilson NASCET, VA Cooperative Study, CREST 1 & 2 ACAS, ACST, Roadster 1 & 2
- JVS: Vol 75 Supplemental S, Jan 2022 Vol 74, Number 5 Nov 2021
- University of Iowa vascular staff and prior ACOS PowerPoint slides

Nothing to Disclose



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Kristoffer Wong, DO, FACOS | Director of Hurley Hernia Center of Excellence | Hurley Medical Center

Hernias: Anatomy and Management

- Textbook of Hernia. Hope, William, Cobb William and Adrales, Gina. Springer International Publishing, Switzerland 2017.
- Hernia Surgery: Current Principles. Novitsky, Yuri. Springer International Publishing. Switzerland 2016.

Disclosures

- Bard-Davol (Self) : Consultant (Status: Ongoing); Intuitive Surgical (Self) : Consultant (Status: Ongoing)

Fia Yi, MD, FACS, FACRS | Colorectal Surgeon | The Colorectal Institute

Diagnosis and Treatment of Colon and Rectal Cancer

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Disclosure

- Intuitive Surgical (Self) : Other Financial or Material Support (Status: Ongoing), Proctor (Status: Ongoing)



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Disclosures

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Nothing to Disclose

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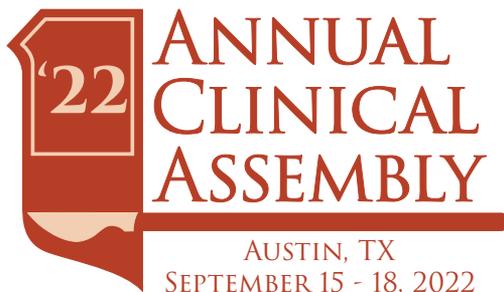
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The ACA is an annual forum offering a highly diversified surgical program of continuing medical education for the specialties of cardiothoracic and vascular, general, neurological, plastic and reconstructive, proctological, and urological surgery with the opportunity to earn AOA Category 1-A CME credits or *AMA PRA Category 1 Credits™*. The Assembly is designed for surgeons of varying specialties to come together to learn, share new ideas, take the opportunity to build new connections, and celebrate the best and brightest among new and experienced osteopathic surgeons.

Registration will open later this year, in the meantime, mark your calendars to join us in Austin for the 2022 ACA!

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