

2021 ACOS General Surgery In-depth Review Seminar *A Digital Event*



www.facos.org/idr

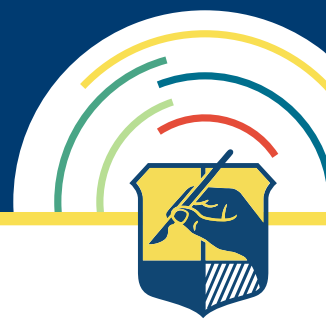


TABLE OF CONTENTS

WELCOME LETTER.....	3
PROGRAM CHAIRS.....	4
COMMITTEE MEMBERS.....	4
PROGRAM OVERVIEW	5
STATEMENT OF NEED.....	5
LEARNING OBJECTIVES	5
AOA CME REQUIREMENTS.....	6
QUESTIONS AND CONCERNS REGARDING CME.....	6
PLANNERS AND MANAGERS.....	6
SPEAKER DISCLOSURE STATEMENT	7
DISCLOSURE OF UNLABELED USE.....	7
DISCLAIMER.....	7
WEDNESDAY APRIL 28, 2021.....	8
THURSDAY APRIL 29, 2021.....	9
FRIDAY APRIL 30, 2021	10
SATURDAY MAY 1, 2021.....	11
SUNDAY MAY 2, 2021	12
IDR FACULTY.....	13
COMMITTEE MEMBERS.....	26



WELCOME LETTER

Welcome to our 2nd digital edition of the General Surgery In-depth Review Seminar (IDR) hosted by the American College of Osteopathic Surgeons (ACOS). As 2021 begins and we leave 2020 behind, the challenges that we all faced amongst a worldwide pandemic also gave rise to new opportunities. The shift from meeting in-person with colleagues, friends, and family to virtual formats that, at first, seemed impersonal and impossible made us think outside the box and formulate ways to make it better. We continued to challenge ourselves in this new “normal” so that the end product could be something we could ALL be proud of. The goal was to continue to provide our membership with high-quality professional presentations given by expert speakers which they expect and demand from the ACOS.



The IDR Committee has worked diligently each year to ever improve the quality of this Seminar with input provided from our membership and attendees. This year our two Program Co-Chairs, Dr. Hania Bednarski and Dr. Annika Storey, have put together one of our best programs yet. They brought together a roster of experts from across the country who sacrificed time in their busy schedules to not only prepare presentations worthy of this national conference, but to pre-record and help create a seamless virtual experience for our registrants. In addition, this year will include live panel discussions as we merge the digital format with a live participatory component allowing for question/answer sessions with our panel experts. I am happy to be participating in one of the panels and look forward to “meeting” you all there.

Join Us for our Live Panel Sessions:

Thursday, April 29 | 3:15 PM EST: Challenges in Endocrine Tumors

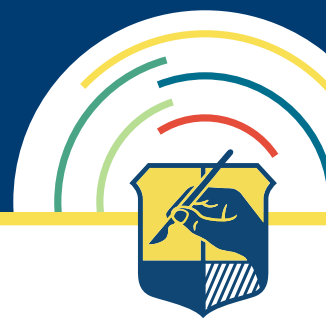
Friday, April 30 | 3:30 PM EST: Challenges in Trauma/Acute Care

As Chair of the IDR committee, I am dedicated to 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, obtaining over 29 hours of CME, or updating your clinical practices.

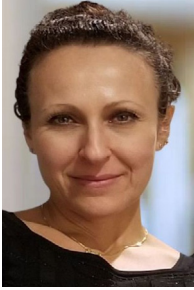
I welcome you to the 2021 General Surgery In-depth Review Seminar. We hope you enjoy this ACOS eLearning program and look forward to seeing you, in-person, in 2022.

Sincerely,

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



PROGRAM CHAIRS



Hania B. Bednarski, DO, FACOS



Annika C. Storey, DO, FACOS

COMMITTEE MEMBERS

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



PROGRAM OVERVIEW

The Program Chairs for the American College of Osteopathic Surgeons' (ACOS) 2021 General Surgery In-depth Review VIRTUAL Seminar (IDR) – Hania B. Bednarski, DO, FACOS, and Annika C. Storey, 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 2021 IDR program will be offered in a digital, online format. Launching via the ACOS eLearning Portal on April 28, 2021, 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.



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 2021 In-depth Review Seminar. ACOS estimates that the AOA Council on Continuing Medical Education will approve this program for a maximum of 29.75 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.

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.

PLANNERS AND MANAGERS

ACOS planner and manager, Stephanie Santini, CMP, DES, has 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 Guidelines, speakers with disclosures listed in the faculty roster have indicated that they have 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.) but do not consider it will influence their presentation.

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.


WEDNESDAY | APRIL 28, 2021

Start Time	Presentation
10:00 AM	Welcome and Introductions Annika Storey, DO, FACOS; Nelayda Fonte, DO, FACOS, FICS
10:05 AM	Newborn/Infant Surgical Emergencies Michael Allshouse, DO, FACS, FAAP
11:00 AM	Toddler/Child Surgical Emergencies Stephanie Jones, DO
11:55 AM	OB/GYN Considerations for the General Surgeon Lindsay Wardle, DO
12:40 PM	Malignant Melanoma--Where are we in 2021? Adam Berger, MD, FACS
1:10 PM Lunch Break	
1:30 PM	Breast 101 Deepa Halaharvi, DO, FACOS
2:00 PM	Breast Imaging Deepa Halaharvi, DO, FACOS
2:30 PM Break	
2:45 PM	Breast Cancer Work Up Cynthia Aks, DO
3:35 PM	Breast Cancer Treatment & Reconstruction Clarissa Hammer, DO, FACOS

Presentation start times are subject to change. Please refer to the ACOS eLearning Portal for most up-to-date information.


THURSDAY | APRIL 29, 2021

Start Time	Presentation	
10:00 AM	Fluids, Electrolytes, and Nutrition Sara Buckman, MD, PharmD, FACS	
10:30 AM	Evaluation & Management of Adrenal Tumors T.K. Pandian, MD, MPH	
11:00 AM	Evaluation & Management of MEN Syndromes T.K. Pandian, MD, MPH	
11:30 AM	Neuroendocrine Neoplasms Chet Hammill, MD, MCR, FACS	
		12:15 PM Lunch Break
12:40 PM	Bariatric Surgical Emergencies Lana Nelson, DO, FACOS	
1:15 PM	Operative Indications & Challenges in Parathyroid Surgery Hadley Ritter, MD, FACS	
1:45 PM	Thyroid Malignancy Hadley Ritter, MD, FACS	
2:20 PM	Sarcoma James Ouellette, DO, FACS	
		3:00 PM Break
3:15 PM LIVE	LIVE PANEL SESSION: Challenges In Endocrine Tumors T.K. Pandian, MD, MPH Annika Storey, DO, FACOS Hadley Ritter, MD, FACS	
4:15 PM	Mesenteric Ischemia Eugene Laveroni, DO, FACOS, DFACOS	

Presentation start times are subject to change. Please refer to the ACOS eLearning Portal for most up-to-date information.


FRIDAY | APRIL 30, 2021

Start Time	Presentation	
10:00 AM	Anesthesia & Pain Management Coleen Vernick, DO	
10:35 AM	Ventilator Management & ARDS David Coffman, DO	
11:30 AM	Shock and Resuscitation Neeta Chaudhary, MD, PhD, FACS	
12:25 PM	Sepsis and Antibiotic Management David Coffman, DO	
		1:05 PM Lunch Break
1:30 PM	Trauma Review I David Lapham, DO	
2:35 PM	Trauma Review II Brian Brewer, MD, MBA, FACS	
		3:20 PM Break
3:30 PM LIVE	LIVE PANEL SESSION: Challenges in Trauma/Acute Care Annika Storey, DO, FACOS Alison Fecher, MD Peter Hammer, MD Nelayda Fonte, DO, FACOS, FICS	
4:30 PM	Burn Injury Laura Johnson, MD	
5:25 PM	Appendiceal Disease Jennifer Susoreny-Velgos, DO	

Presentation start times are subject to change. Please refer to the ACOS eLearning Portal for most up-to-date information.


SATURDAY | MAY 1, 2021

Start Time	Presentation	
10:00 AM	Workup & Surgery in Benign Esophageal Disease Jesse Lopez, DO	
11:15 AM	Esophageal Cancer Tyler Grenda, MD	
12:00 AM	Gastric Cancer Amanda Arrington, MD	
12:30 AM	GIST Amanda Arrington, MD	
		12:55 PM Lunch Break
1:15 PM	Screening & Treatment of Portal Hypertension Aaron Pinnola, DO	
1:40 PM	Benign and Malignant Hepatic Tumors Aaron Pinnola, DO	
2:15 PM	Inflammatory Bowel Disease Edwin Itenberg, DO, FACS, FASCRS	
2:55 PM	Benign and Malignant Colon Disease & Polyposis Syndrome Jessica Bartock, DO, FACOS	
3:55 PM	Diagnosis and Treatment of Rectal Cancer Fia Yi, MD, FACS, FASCRS	
4:25 PM	Benign Anorectal Disease Fia Yi, MD, FACS, FASCRS	

Presentation start times are subject to change. Please refer to the ACOS eLearning Portal for most up-to-date information.


SUNDAY | MAY 2, 2021

Start Time	Presentation
10:00 AM	Benign Biliary Tree Conditions James Ouellette, DO, FACS
10:35 AM	Malignant Biliary Tree Conditions James Ouellette, DO, FACS
11:15 AM	Benign Pancreatic Disease Trevy Ramos, DO
11:50 AM	Malignant Pancreatic Disease Trevy Ramos, DO
12:30 PM	Abdominal Aortic Aneurysm Elizabeth Pensler, DO, FACOS, RPVI
	1:00 PM Lunch Break
1:20 PM	Carotid Artery Disease & Treatment Elizabeth Pensler, DO, FACOS, RPVI
1:55 PM	Peripheral Vascular Disease Natalie Weger, DO
2:30 PM	Diagnosis & Treatment of Venous Disease Natalie Weger, DO
3:05 PM	2021 IDR Closing Statements Hania Bednarski, DO, FACOS; Nelayda Fonte, DO, FACOS, FICS

Presentation start times are subject to change. Please refer to the ACOS eLearning Portal for most up-to-date information.



IDR FACULTY

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

Breast Cancer Work Up

- Text: Breast Calcifications A Diagnostic Manual By Evans, Ponder, Wilson and Ellis
- Text: Atlas of Breast Reconstruction by Basconez, Lejoui and Camboa-Bobadilla
- National Comprehensive Cancer Network <https://www.nccn.org> for information of all screening, workup guidelines, staging and genetic related guidelines

Nothing to Disclose

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

Newborn/Infant Surgical Emergencies

- Jacob J, Kamitsuka M, et al. Etiologies of NICU deaths. Pediatrics 135(1) Jan 2015, p 1-8
- Lilien LD, Srinivasan G, et al. Green vomiting in the first 72 hours in normal infants. Am J Dis Child 1986 Jul 140(7)p 662-4.
- Walker GM, Neilson A, et al. Colour of bile vomiting in intestinal obstruction in the newborn: Questionnaire study. BMJ, doi:10.1136/bmj.38859.614352.55 (31 May 2006)

Nothing to Disclose

Amanda Arrington, MD | Associate Professor | University of Arizona

Gastric Cancer

- Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice 21st edition. Philadelphia, PA: Elsevier Saunders, 2021

GIST

- Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice 21st edition. Philadelphia, PA: Elsevier Saunders, 2021

Nothing to Disclose



IDR FACULTY

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

Benign and Malignant Colon Disease & Polyposis Syndrome

- D.E. Beck, S. W. (Ed.). (2014). The ASCRS Manual of Colon and Rectal Surgery (Second ed.). New York: Springer.
- Townsend, C. M., et. al. (2012). Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice (19th ed.). Philadelphia: Elsevier Saunders.
- Colon Cancer NCCN Evidence Book. (n.d.). Retrieved from NCCN Guidelines: http://www.nccn.org/professionals/physician_gls/pdf/colon_blocks.pdf

Nothing to Disclose

Hania Bednarski, DO, FACOS | Oncoplastic Breast Surgeon, Director Breast Surgery | Grand Strand Breast Care

2021 IDR Closing Statements

Disclosures

- Genomic Health (Self) : Board Member/Advisory Panel (Status: Ongoing), Other Financial or Material Support (Status: Ongoing), Speaker (Status: Ongoing); 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)

Adam Berger, MD, FACS | Chief of Melanoma and Sarcoma Surgical Oncology | Rutgers Cancer Institute of New Jersey

Malignant Melanoma--Where are we in 2021?

- Balch: Ann Surg 1993
- Morton, N England Journal of Medicine, 2006

Disclosures

- Cardinal Health (Self) : Board Member/Advisory Panel (Status: Ongoing)



IDR FACULTY

Brian Brewer, MD, MBA, FACS | Assistant Professor of Clinical Surgery | Indiana University School of Medicine

Trauma Review II

- Soft Tissues. (2020). In D. Demetriades, K. Inaba, & G. Velmahos (Eds.), *Atlas of Surgical Techniques in Trauma* (pp. 427-449). Cambridge: Cambridge University Press.
- American College of Surgeons Committee on Trauma *Advanced Trauma Life Support for Doctors*. 8th Edition 2008
- 8th Edition. Edited by Ernest E. Moore, MD, David Feliciano, MD, and Kenneth L. Mattox, MD, McGraw-Hill, New York, 2017

Nothing to Disclose

Sara Buckman, MD, PharmD, FACS | Assistant Professor of Surgery | Washington University School of Medicine

Fluids, Electrolytes, and Nutrition

- Effect of Vitamin C Infusion on Organ Failure and Biomarkers of Inflammation and Vascular Injury in Patients With Sepsis and Severe Acute Respiratory Failure: The CITRIS-ALI Randomized Clinical Trial.
- Fowler AA 3rd, Truwit JD, Hite RD, Morris PE, DeWilde C, Priday A, Fisher B, Thacker LR 2nd, Natarajan R, Brophy DF, Sculthorpe R, Nanchal R, Syed A, Sturgill J, Martin GS, Sevransky J, Kashiouris M, Hamman S, Egan KF, Hastings A, Spencer W, Tench S, Mehkri O, Bindas J, Duggal A, Graf J, Zellner S, Yanny L, McPolin C, Hollrith T, Kramer D, Ojjielo C, Damm T, Cassidy E, Wieliczko A, Halquist M. *JAMA*. 2019 Oct 1;322(13):1261-1270. doi: 10.1001/jama.2019.11825.

Nothing to Disclose

Neeta Chaudhary, MD, PhD, FACS | Assistant Clinical Professor of Surgery | Thomas Jefferson University Hospital

Shock and Resuscitation

- https://www.uptodate.com/contents/evaluation-of-and-initial-approach-to-the-adult-patient-with-undifferentiated-hypotension-and-shock?search=shock&source=search_result&selectedTitle=2%:7E150&usage_type=default&display_rank=2
- *Greenfield's Surgery*, 5th Edition, Chapter 8-Shock. Mulholland, et al. Lippincott Williams & Wilkins. 2011.
- *Marino's The ICU Book*, 4th Edition. Marino, Paul. Lippincott Williams & Wilkins. 2014.

Nothing to Disclose



IDR FACULTY

David Coffman, DO | General Surgery, Trauma Surgery, Surgical Critical Care | NMMC

Ventilator Management & ARDS

- Bellingan, G. J. (2002). The pulmonary physician in critical care 6: The pathogenesis of ALI/ARDS. *Thorax*, 57(6), 540-546.
- Bhatia, M., & Mochhala, S. (2004). Role of inflammatory mediators in the pathophysiology of acute respiratory distress syndrome. *The Journal of Pathology*, 202(2), 145-156.
- Rubenfeld, G. D., Caldwell, E., Peabody, E., Weaver, J., Martin, D. P., Neff, M., ... & Hudson, L. D. (2005). Incidence and outcomes of acute lung injury. *New England Journal of Medicine*, 353(16), 1685-1693.

Sepsis and Antibiotic Management

- Levy, M, Evans, L., and Rhodes, A. The Surviving Sepsis Campaign Bundle: 2018 Update. *Critical Care Medicine* 2018; 446: 997-1000.
- Mazuski, J. et al. Guidelines on the Management of Intraabdominal Infections. *Surg Infect*. 2017; 18(1): 1-76.
- Rivers, E., et al. Early goal-directed therapy in the treatment of severe sepsis and septic shock. *N Engl J Med*. 2001; 345(19): 1368-77.
- Rhodes et al. Surviving Sepsis Campaign: International Guidelines for Management of Sepsis and Septic Shock: 2016. *Intensive Care Medicine* 2018; 46: 997-1000.

Nothing to Disclose

Alison Fecher, MD | Physician | Lutheran Hospital

LIVE PANEL SESSION: Challenges in Trauma/Acute Care

Nothing to Disclose

Nelayda Fonte, DO, FACOS, FICS | Surgeon | Surgical Healing Arts/Lehigh Regional Medical Center/
LMH

2021 IDR Welcome and Introductions

LIVE PANEL SESSION: Challenges in Trauma/Acute Care

2021 IDR Closing Statements

Nothing to Disclose



IDR FACULTY

Tyler Grenda, MD | Assistant Professor | Sidney Kimmel Medical College, Thomas Jefferson University

Esophageal Cancer

- Rice TW, Patil DT, Blackstone EH. 8th edition AJCC/UICC staging of cancers of the esophagus and esophagogastric junction: application to clinical practice. *Ann Cardiothorac Surg*. 2017 Mar;6(2):119-130.
- van Hagen P, Hulshof MC, van Lanschot JJ, Steyerberg EW, van Berge Henegouwen MI, Wijnhoven BP, Richel DJ, Nieuwenhuijzen GA, Hospers GA, Bonenkamp JJ, Cuesta MA, Blaisse RJ, Busch OR, ten Kate FJ, Creemers GJ, Punt CJ, Plukker JT, Verheul HM, Spillenaar Bilgen EJ, van Dekken H, van der Slangen MJ, Rozema T, Biermann K, Beukema JC, Piet AH, van Rij CM, Reinders JG, Tilanus HW, van der Gaast A: CROSS Group. Preoperative chemoradiotherapy for esophageal or junctional cancer. *N Engl J Med*. 2012 May 31;366(22):2074-84.
- Egyud MR, Tseng JF, Suzuki K. Multidisciplinary Therapy of Esophageal Cancer. *Surg Clin North Am*. 2019 Jun;99(3):419-437

Nothing to Disclose

Deepa Halaharvi, DO, FACOS | Breast Surgeon | OUCOM/Doctors Hospital

Breast 101

- Mketinas DC, Bray GA, Beyl RA, Ryan DH, Sacks FM, Champagne CM. Fiber Intake Predicts Weight Loss and Dietary Adherence in Adults Consuming Calorie-Restricted Diets: The POUNDS Lost (Preventing Overweight Using Novel Dietary Strategies) Study. *J Nutr*. 2019;149(10):1742-1748.
- McRae MP. Dietary Fiber Intake and Type 2 Diabetes Mellitus: An Umbrella Review of Meta-analyses. *J Chiropr Med*. 2018;17(1):44-53.
- Khan K, Jovanovski E, Ho HVT, et al. The effect of viscous soluble fiber on blood pressure: A systematic review and meta-analysis of randomized controlled trials. *Nutr Metab Cardiovasc Dis*. 2018;28(1):3-13.

Breast Imaging

- National Comprehensive Cancer Network (NCCN) guidelines
- American Society of Breast Surgeons Consensus guidelines/Statements

Nothing to Disclose

Clarissa Hammer, DO, FACOS | Private Practice Breast Surgeon | Affiliates in Plastic Surgery

Breast Cancer Treatment & Reconstruction

- https://www.cms.gov/CCIIO/Programs-and-Initiatives/Other-Insurance-Protections/whcra_factsheet

Nothing to Disclose



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Peter Hammer, MD | Trauma Medical Director | Indiana University Health Methodist Hospital

LIVE PANEL SESSION: Challenges in Trauma/Acute Care

Nothing to Disclose

Chet Hammill, MD, MCR, FACS | Associate Professor of Surgery | Washington University in St. Louis

Neuroendocrine Neoplasms

- Oronsky B, Ma PC, Morgensztern D, Carter CA. Nothing But NET: A Review of Neuroendocrine Tumors and Carcinomas. *Neoplasia*. 2017 Dec;19(12):991-1002. doi: 10.1016/j.neo.2017.09.002. Epub 2017 Nov 5. PMID: 29091800; PMCID: PMC5678742.
- Rindi, G., Klimstra, D.S., Abedi-Ardekani, B. et al. A common classification framework for neuroendocrine neoplasms: an International Agency for Research on Cancer (IARC) and World Health Organization (WHO) expert consensus proposal. *Mod Pathol* 31, 1770–1786 (2018). <https://doi.org/10.1038/s41379-018-0110-y>

Nothing to Disclose

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

Inflammatory Bowel Disease

- Sabiston Textbook of Surgery. 21st edition Chapter 50, 1240-1300.
- Obesity increases risk for pouch-related complications following restorative proctocolectomy with ileal pouch-anal anastomosis (IPAA). Klos CL et al. *J Gastrointest Surg*. 2014 Mar;18(3):573-9. doi: 10.1007/s11605-013-2353-8. Epub 2013 Oct 4.
- Female fecundity before and after operations for familial adenomatous polyposis. Olsen KO, Juul S, Bulow S, et al. *Br J Surg* 2003;90:227-31.

Nothing to Disclose



IDR FACULTY

Laura Johnson, MD | Surgeon | MedStar Washington Hospital Center

Burn Injury

- Dossett AB, Hunt JL, Purdue GF, Schlegel JD. Early orthopedic intervention in burn patients with major fractures. *J Trauma* 1991 Jul;31(7):888.
- Faraklas I, Cochran A, Saffle J. Review of a fluid resuscitation protocol: “fluid creep” is not due to nursing error. *J Burn Care Res.* 2012 Jan-Feb;33(1):74-83. doi: 10.1097/BCR.0b013e318234d949. PMID: 22240507.
- Heimbach DM, Afromowitz MA, Engrav LH, Marvin JA, Perry B. Burn depth estimation—man or machine. *J Trauma* 1984;24:373-8

Disclosures

- PolarityTE (Self) : Other Financial or Material Support (Status: Terminated --- 02/2020), Sponsored Research (Status: Terminated --- 02/2020)

Stephanie Jones, DO | Assistant Professor of Surgery | University of Nevada, Las Vegas

Toddler/Child Surgical Emergencies

- Livingston MH, Shawyer AC, et al. Fundoplication and gastrostomy versus percutaneous gastrojejunostomy for gastroesophageal reflux in children with neurologic impairment: a systematic review and meta-analysis. *J Pediatr Surg* 2015 50: 707-714.
- LaRiviere CA, Parimi C, et al. Variations in preoperative decision making for antireflux procedures in pediatric gastroesophageal reflux disease: a survey of pediatric surgeons. *J Pediatr Surg* 2011 46: 1093-1098.
- Kane TD, et al. Position paper on laparoscopic antireflux operations in infants and children for gastroesophageal reflux disease. *J Pediatr Surg* 2009 44: 1034-1040.

Nothing to Disclose



IDR FACULTY

David Lapham, DO | Assistant Professor of Surgery, Acute Care Division | Thomas Jefferson University Hospital

Trauma Review I

- Aseni P., Grande A.M., Romani F., Birindelli A., Di Saverio S. (2019) Basic Operative Techniques in Abdominal Injury. In: Aseni P., De Carlis L., Mazzola A., Grande A.M. (eds) Operative Techniques and Recent Advances in Acute Care and Emergency Surgery.
- King D. Initial care of the severely injured patient. *N Engl J Med.* 2019; 380:763-770.
- Moores D, et al. Subxyphoid pericardial drainage for pericardial tamponade. *Journal of Thoracic and Cardiovascular Surgery.* 1995.
- Morrison J., Rasmussen T. Noncompressible torso hemorrhage: a review with contemporary definitions and management strategies. *The surgical clinics of North America.* 2012.
- Sperry J, et al. Western trauma association critical decisions in trauma: Penetrating neck trauma. *J trauma acute care surg.* Volume 75, Number 6.

Nothing to Disclose

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

Mesenteric Ischemia

- Jacobson, E.D. (1982). Physiology of the mesenteric circulation. *The Physiologist*, 25(5), 439-443.
- Shah, A.S., Schwartz, L.B., McKinsey, J.F., Gewertz, B.L. Diagnosis and Surgical Management of the Visceral Ischemic Syndromes. In: Moore W, Lawrence P, Oderich G, editors *Moore's Vascular and Endovascular Surgery – A Comprehensive Review.* Philadelphia: Elsevier; 2019 380-396
- Phillips, B., Reiter, S., Murray, E.P., McDonald, D., Turco, L., Cornell, D.L., Asensio, J.A. (2018). Trauma to the superior mesenteric artery and superior mesenteric vein: a narrative review of rare but lethal injuries. *World Journal of Surgery*, 42, 713-726. <https://doi.org/10.1007/s00268-017-4212-3>

Nothing to Disclose

Jesse Lopez, DO | President | Heartland Surgical Care

Workup & Surgery in Benign Esophageal Disease

- Gockel I, Junginger T. The value of scoring achalasia a comparison of current systems and the impact on treatment--the surgeon's viewpoint. *Am Surg.* 2007;73(4):327-331.
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- H.Inoue, et al., POEM for Esophageal Achalasia..., *Endoscopy* 2010;42: 265-271

Nothing to Disclose



IDR FACULTY

Lana Nelson, DO, FACOS | Director of Metabolic and Bariatric Surgery | Norman Regional Health System

Bariatric Surgical Emergencies

- <https://tsaco.bmj.com/content/3/1/e000219>
- http://s3.amazonaws.com/publicASMBS/ASMBS_Store/ASMBS_ER_Poster9-20-10.pdf

Nothing to Disclose

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

Sarcoma

- The MD Anderson Surgical Oncology Handbook (Lippincott Williams & Wilkins Handbook) 5th Edition by M.D. Feig, Barry W. (Editor), M.D. Ching, Denise C. (Editor)

Benign Biliary Tree Conditions

- Blumgart's Surgery of the Liver, Biliary Tract and Pancreas 5th Edition 2-Volume Set, Expert Consult - Online and Print; Editor: William Jarnagin; Hardcover ISBN: 9781437714548; eBook ISBN: 9780323247153

Malignant Biliary Tree Conditions

- Blumgart's Surgery of the Liver, Biliary Tract and Pancreas 5th Edition 2-Volume Set, Expert Consult - Online and Print; Editor: William Jarnagin; Hardcover ISBN: 9781437714548; eBook ISBN: 9780323247153

Nothing to Disclose

T.K. Pandian, MD, MPH | Assistant Professor of Surgery | Washington University School of Medicine

Evaluation & Management of Adrenal Tumors

- Zeiger MA et al. American Association of Clinical Endocrinologists and American Association of Endocrine Surgeons Medical Guidelines for the Management of Adrenal Incidentalomas. Endocrine Practice. 2009;15:Suppl 1
- Young WF. The Incidentally Discovered Adrenal Mass. NEJM. 2007;356(6):601-610
- Textbook of Endocrine Surgery -- Clark, Duh, Kebebew, Gosnell, Shen. 3rd Edition.

Evaluation & 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
- Wells SA et al. Revised American Thyroid Association Guidelines for the Management of Medullary Thyroid Carcinoma. Thyroid. 2015;6:567-610.
- Textbook of Endocrine Surgery – Clark, Duh, Kebebew, Gosnell, Shen. 3rd Edition.

LIVE PANEL SESSION: Challenges In Endocrine Tumors

Nothing to Disclose



IDR FACULTY

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

Abdominal Aortic Aneurysm

- Schmitz-Rixen, T., Keese, M., Hakimi, M. et al. Ruptured abdominal aortic aneurysm—epidemiology, predisposing factors, and biology. *Langenbecks Arch Surg* 401, 275–288 (2016). <https://doi.org/10.1007/s00423-016-1401-8>

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- Sushrut Dharmakidari, Pratik Bhattacharya & Seemant Chaturvedi
- Current Neurology and Neuroscience Reports volume 17, Article number: 77 (2017)

Nothing to Disclose

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

Screening & Treatment of Portal Hypertension

- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6499285/>

Benign and Malignant Hepatic Tumors

- Hepatobiliary Cancers. NCCN evidence blocks. Version 1.2021

Nothing to Disclose

Trevy Ramos, DO | Surgeon | Johnson City Medical Center

Benign Pancreatic Disease

- Anatomy, physiology, pathophysiology of benign pancreas disease
- Sabiston Textbook of Surgery: The biological Basis of Modern Surgical Practice, 20th ed.

Malignant Pancreatic Disease

- Staging of pancreatic exocrine tumors
- AJCC 8th edition

Nothing to Disclose



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Hadley Ritter, MD, FACS | Assistant Professor Clinical Surgery, Section Head Endocrine Surgery | Indiana University School of Medicine

Operative Indications & Challenges in Parathyroid Surgery

- Wilhelm SM, Wang TS, Ruan DT, et al. The American Association of Endocrine Surgeons Guidelines for Definitive Management of Primary Hyperparathyroidism. *JAMA Surg.* 2016;151(10):959–968.

Thyroid Malignancy

- Patel, Kpal N. MD*; Yip, Linwah MD†; Lubitz, Carrie C. MD, MPH‡; Grubbs, Elizabeth G. MD§; Miller, Barbra S. MD¶; Shen, Wen MD||; Angelos, Peter MD**‡; Chen, Herbert MD††; Doherty, Gerard M. MD‡‡; Fahey, Thomas J. III MD§§; Kebebew, Electron MD¶¶; Livolsi, Virginia A. MD|||; Perrier, Nancy D. MD§; Sipos, Jennifer A. MD***; Sosa, Julie A. MD||; Steward, David MD†††; Tufano, Ralph P. MD‡‡‡; McHenry, Christopher R. MD§§§; Carty, Sally E. MD† The American Association of Endocrine Surgeons Guidelines for the Definitive Surgical Management of Thyroid Disease in Adults, *Annals of Surgery*: March 2020 - Volume 271 - Issue 3 - p e21-e93

LIVE PANEL SESSION: Challenges In Endocrine Tumors

Nothing to Disclose

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2021 IDR Welcome and Introductions

LIVE PANEL SESSION: Challenges In Endocrine Tumors

LIVE PANEL SESSION: Challenges in Trauma/Acute Care

Nothing to Disclose

Jennifer Susoreny-Velgos, DO | General Surgeon | Arkansas Methodist Medical Center

Appendiceal Disease

- Baumgartner, J. M., MD, MAS, Kelly, K. J., MD, Veerapong, J., MD, & Lowry, A. M., MD. (2020). Management of Peritoneal Malignancies. In J. L. Cameron & A. M. Cameron (Authors), *Current surgical therapy* (13th ed., pp. 278-284). Philadelphia, PA: Elsevier.
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- Kovler, M. L., MD, & Hackam, D. J., MD, PhD. (2020). Appendicitis. In J. L. Cameron & A. M. Cameron (Authors), *Current surgical therapy* (13th ed., pp. 284-289). Philadelphia, PA: Elsevier.

Nothing to Disclose



IDR FACULTY

Colleen Vernick, DO | Chief Department of Neurosurgical Anesthesiology at Jefferson Hospital of Neurosciences | Sidney Kimmel Medical Center- Thomas Jefferson University

Anesthesia & Pain Management

- Pardo, Manuel Pardo and Ronald Miller, Basics of Anesthesia 7th Edition 2018
- Practice Guidelines for Acute Pain Management in the Perioperative Setting: An Updated Report by the American Society of Anesthesiologists Task Force on Acute Pain Management. Anesthesiology. 2012;1(16), 248-273.
- Practice Guidelines for Moderate Procedural sedation and Analgesia 2018

Nothing to Disclose

Lindsay Wardle, DO | OB/GYN Attending Physician and Medical Director of Family Practice Residency Rotation | Kettering Physician Network

OB/GYN Considerations for the General Surgeon

- American College of Obstetricians and Gynecologists. (2018). ACOG Practice Bulletin no. 193: Tubal Ectopic Pregnancy. Obstet Gynecol. 131 (3): e91-e103.
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Nothing to Disclose

Natalie Weger, DO | Vascular Surgeon | University of Iowa

Peripheral Vascular Disease

- Score-Surgical Council on Resident Education-<https://www.surgicalcore.org> based on Sabiston Rutherford text

Diagnosis & Treatment of Venous Disease

- Markel A et al. J Vasc Surg 1992.
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- Prandoni P et al. J Thromb Hemost 2005.

Nothing to Disclose



IDR FACULTY

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

Diagnosis and Treatment of Rectal Cancer

- Steele, Scott R, et al. The ASCRS Textbook of Colon and Rectal Surgery. 3rd ed., Springer, 2016.

Benign and Malignant Anal Disease

- Steele, Scott R, et al. The ASCRS Textbook of Colon and Rectal Surgery. 3rd ed., Springer, 2016.

Disclosures

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





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Nothing to Disclose

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Nothing to Disclose

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Disclosures

- Genomic Health (Self) : Board Member/Advisory Panel (Status: Ongoing), Other Financial or Material Support (Status: Ongoing), Speaker (Status: Ongoing); 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)

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Nothing to Disclose

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| Surgeon | Galliano Surgical Group

Nothing to Disclose

Jesse J. Lopez, Jr., DO

| President | Heartland Surgical Care

Nothing to Disclose



COMMITTEE MEMBERS

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Nothing to Disclose

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Nothing to Disclose

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Nothing to Disclose

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Nothing to Disclose

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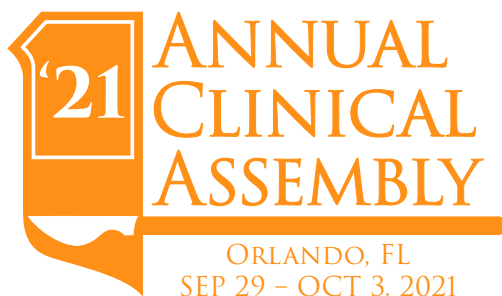
Nothing to Disclose

Stephanie Santini, CMP, DES

| Senior Director of Education and Events | American College of Osteopathic Surgeons

Nothing to Disclose

SAVE THE DATE



Save the Date for the 2021 Annual Clinical Assembly of Osteopathic Surgeons (ACA). We look forward to reuniting, in-person, September 29 - October 3 at the JW Marriott Grande Lakes, in Orlando, Florida. The theme for the 2021 ACA is Resilience: Strategically Mastering the Moment. Join your fellow osteopathic surgeons as we unite for education and fellowship to celebrate our collective resilience through these extraordinary times.

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. 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 Orlando for the 2021 ACA!

www.facos.org/aca