

UPMC

LIFE CHANGING MEDICINE

MEDICAL EDUCATION DAY

APRIL 25, 2024

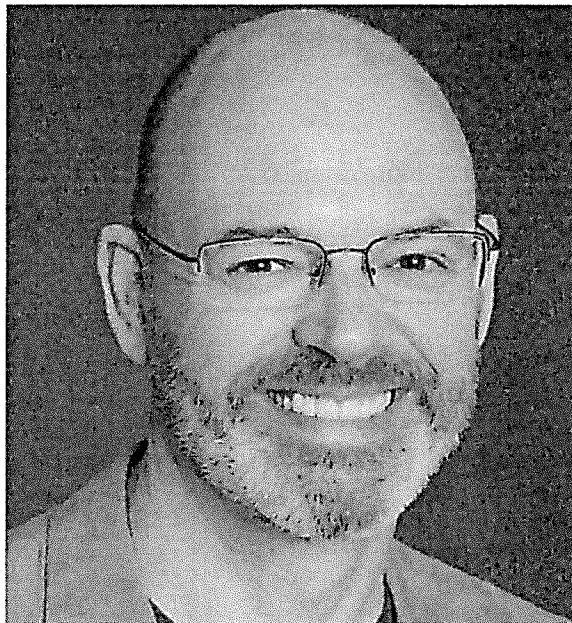
Penn Harris Hotel, Camp Hill

UPMC Central PA Region physicians and healthcare professionals will present case studies, clinical topics of interest and research during medical and surgical track sessions. In addition, the program includes poster presentations, awards ceremony and a keynote address.

KEYNOTE ADDRESS:

Steve Bedwell, MD

"How to Screw Up, Stress Out & Get Nothing Done!"



Luciano DiMarco, DO

2024 Chair, Medical Education Day Committee

Troy Mortiz, DO

President, UPMC Pinnacle Medical Staff



April 25, 2024

Welcome to Medical Education Day 2024!

We would like to thank all of those individuals who submitted abstracts for this year's program. We appreciate the time and effort you put into preparing your abstracts, presentations or posters.

This program is made possible by the generous financial support of the CGOH Foundation and the UPMC Pinnacle Medical Staff.

In addition, we'd like to thank the family of the late Dr. Loucas Tzanis for their generous support. With Dr. Tzanis' passing in 2004, his wife, Helen, established an annual award to recognize an internal medicine resident who has excelled in bedside practice, as nominated by the nursing staff. In 2020, to further recognize Dr. Tzanis' legacy, Helen, her son Evan and daughter in-law, Nia, expanded the program to recognize distinction in research by providing for financial awards to the top oral and poster presentations in the medical track at Medical Education Day. The UPMC Pinnacle Foundation's Dr. Thomas Outland Education Fund provides for the awards for the top oral and poster presentations for the surgical track.

We have organized the morning program into simultaneous presentations of medical and surgical tracks to provide areas of interest for all attendees. At the conclusion of the morning lectures, please join us for the awards ceremony and a keynote address by Dr. Steve Bedwell, MD who will present "*How to Screw Up, Stress Out & Get Nothings Done!*"

We hope that you will find this program informative and enjoyable.

Sincerely,

Luciano DiMarco, DO

Luciano DiMarco, DO
Chair, Medical Education Day Committee 2024



LIFE CHANGING MEDICINE

CENTRAL PA REGION MEDICAL EDUCATION DAY

Thursday, April 25, 2024

Penn Harris Hotel, Camp Hill, Pa

AGENDA		
TIME	EVENT	LOCATION
7:00 AM	Registration, Breakfast, Poster Session	Ballroom South
7:30 AM	Opening Remarks Medical Track – Dr Avula	Keystone Rooms ABC
7:40 AM	Medical Track Presentations begin	Keystone Rooms ABC
7:50 AM	Opening Remarks Surgical Track – Dr Hameroff	Keystone Rooms DE –end of hall
8:00 AM	Surgical Track Presentations begin	Keystone Rooms DE
9:40 AM	<i>Break – Poster Session</i>	Ballroom South
10:10 AM	Medical and Surgical Track Presentations Continue	Keystone Rooms Medical – ABC Surgical - DE
12:05 PM	Surgical Track transition to Ballroom North for Keynote/luncheon	
12:20 PM	Medical Track transition to Ballroom North for Keynote/luncheon	
12:45 PM	Keynote Speaker Luncheon Dr. Steve Bedwell, MD “How to Screw Up, Stress Out & Get Nothing Done!”	Ballroom North
1:30 PM	Awards Ceremony/Tzanis Family (No CME Credit awarded)	Ballroom North
1:45 PM	Closing Remarks/Conclusion of Program – Dr. DiMarco	Ballroom North
2:00PM	Adjournment	Ballroom North

MEDICAL EDUCATION DAY COMMITTEE

Luciano DiMarco, MD - Committee Chair

PHYSICIAN MEMBERS	DEPARTMENT
SURGERY:	
Timothy Ackerman, DO	Orthopedic Surgery
Balint Balog, MD	Orthopedic Surgery
Robert Carman, DO	General Surgery
Luciano DiMarco, DO - CHAIR	General Surgery
Jeffrey Marks, DPM	Podiatric Surgery
Brynn Wolff, MD	Breast Care Center/Surgery
MEDICINE:	
William Bambach, MD	Internal Medicine
J Will Hensley, MD	Emergency Medicine
Aaron Barasch, DO	Internal Medicine
PROGRAM DIRECTORS: (Volunteer)	
Timothy Ackerman, DO	Orthopedic Surgery
Timothy Canavan, MD	Maternal Fetal Medicine
Shane Specht, DO	Internal Medicine Osteopathic Recognition Track
John Cinicola, MD	Internal Medicine – HH
N/A	Emergency Medicine (Dr. Hensley listed above)
Jeffrey Marks, DPM	Podiatry
Holly Thomas, MD	OB/GYN
W. Kurtis Childers, DO	General Surgery
Michael Yurkewicz, DO	Family Medicine
Steven Collina, MD	Sports Medicine
Christopher Scheid, DO	Family Medicine - Lititz
Dale Lent, DO	Internal Medicine – Lititz
David Simons, DO	Anesthesia – Lititz
Atizazui Mansoor, MD	Cardiovascular Disease
Navitha Ramesh, MD	Critical Care
PHARMACISTS:	
Michael Barrese, PharmD	Clinical Pharmacist Specialist
APPs:	
Kori Morgan, DNP, FNP-C	Senior Director, APP Relations
Alexandra Mastro, PA	Supervisor, Neonatal Inpatient
NURSING MEMBERS:	
Deborah Schafer, MSN,RN,AGCNS-BC,RNC-OB	Nursing Professional Development
EX-OFFICIO MEMBERS:	
John Goldman, MD	VP Medical Affairs
Holly Thomas, MD	OB/GYN Program Director, Associate DIO
Esther Knisely	Director, Physician Education & Training
Vanessa Jordan	GME Operations Manager
Laurie Schwing	Director, Library Services
Yijin Wert	Biostatistics and Research
Nancy Fisher	IRB Coordinator
Lori Bernard	Research Coordinator
James Cleckner	Project Specialist
Dawn Becker	Executive Assistant, VP Medical Affairs
Kimberly Schaeffer	GME Administrative Assistant-Associate

UPMC Central PA Region Medical Education Day 2024

JUDGES & MODERATORS

ORAL PRESENTATIONS - MEDICAL TRACK

Christopher Franz, MD Critical Care Faculty	J. Will Hensley, DO Emergency Medicine Faculty	Shane Specht, DO Internal Medicine Faculty
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ORAL PRESENTATIONS - SURGICAL TRACK

Robert Maurer, MD Orthopedic Surgery Faculty	Daniel Yarmel, DPM Podiatric Surgery Faculty	Robert Carman, DO General Surgery Faculty
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POSTER PRESENTATIONS – MEDICAL TRACK

Kevin Misner, MD Critical Care Faculty	Chandi Garg, MD Internal Medicine Faculty	Zinta Zapp, MD Emergency Medicine Faculty
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POSTER PRESENTATIONS – SURGICAL TRACK

Aaron Herrera, MD Obstetrics & Gynecology Faculty	Balint Balog, MD Orthopedic Surgery Faculty	Manish Gupta, MD Surgical Faculty
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TRACK MODERATORS

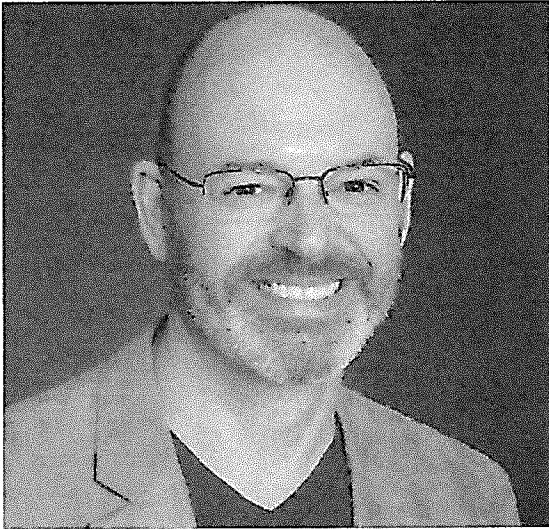
MEDICAL TRACK	SURGICAL TRACK
Akshay Avula, MD Critical Care Faculty	Avi Hameroff, MD Maternal Fetal Medicine Faculty

UPMC

LIFE CHANGING MEDICINE

Medical Staff Officers, Program Directors and Physician Education and Training

Medical Staff Officers:	Residency Program Directors:
<p>Troy Moritz, DO Medical Staff President</p> <p>Anthony Guarracino, DO Medical Staff President-Elect</p> <p>Jessica Cunningham, MD Secretary/Treasurer</p>	<p><u>Family Medicine:</u> Christopher Scheid, DO – Lititz Campus Michael Yurkewicz, DO – Community Campus</p> <p><u>Emergency Medicine:</u> Erik Kochert, MD</p> <p><u>General Surgery</u> W. Kurtis Childers, DO</p>
Physician Education:	<p><u>Internal Medicine:</u> John Cinicola, MD Shane Specht, DO – Osteopathic Track Dale Lent, DO – Lititz Campus</p> <p><u>Obstetrics and Gynecology:</u> Holly Thomas, MD</p> <p><u>Orthopedic Surgery:</u> Timothy Ackerman, DO</p> <p><u>Podiatry Surgery:</u> Jeffrey Marks, DPM</p> <p><u>Anesthesia</u> Dave Simons, DO – Lititz Campus</p>
<p>John Goldman, MD Vice President of Medical Affairs</p> <p>Holly Thomas, MD Associate DIO Graduate Medical Education</p> <p>Esther Knisely Director, Physician Education and Training</p> <p>Vanessa Jordan Operations Manager</p> <p>James Cleckner Education Project Specialist</p> <p>Dawn Becker Executive Assistant</p> <p>Kimberly Schaeffer GME Administrative Assistant</p>	Fellowship Directors:
	<p><u>Maternal Fetal Medicine:</u> Timothy Canavan, MD</p> <p><u>Sports Medicine</u> Steven Collina, MD</p> <p><u>Addiction Medicine</u> Greg Swartzentruber, MD</p> <p><u>Critical Care Fellowship</u> Navitha Ramesh, MD</p> <p><u>Cardiovascular Disease</u> Atizazul Mansoor, MD</p>



Steve Bedwell, MD

Steve Bedwell is a medical doctor with research training, an obsessive streak and a knack for applying science to everyday problems. He's traveled the world teaching and conducting research, and even found himself deep in the African jungle removing an appendix under the illumination from a car headlight! Dr. Steve is also a stand-up comedian with an unparalleled ability to present cutting-edge content while being laugh-out-loud funny. This approach, education and entertainment in equal measure, has earned him rave reviews from associations, corporations and healthcare audiences across the country. Expect a speech that's riveting, provocative and explosively funny...and then watch Dr. Steve exceed your expectations.

CME / DISCLOSURE

Accreditation and Designation Statement

In support of improving patient care, the University of Pittsburgh is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physician (CME)

The University of Pittsburgh designates this live activity for a maximum of 5.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing (CNE)

The maximum number of hours awarded for this Continuing Nursing Education activity is 5.25 contact hours.

Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

Faculty Disclosure:

All individuals in a position to control the content of this education activity have disclosed all financial relationships with any companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Holly Thomas, MD; Organon, and Nexplanon – CE Speakers' Bureau

Nancy Fisher, CIP; Aetna/CVS Healthcare – Stockholder

Matthew Kelly, MD; Depuy Synthes- Consultant; Johnson & Johnson-Stockholder (publicly traded)

Matthew Garner, MD; Globus Medical-Consultant, Royalties

Tyson Maugle, DO; Alphatec Spine-Consultant

Steve Zanders; DO FCCP Ceribell- CE Speakers' Bureau, Other KOL: Ceribell

John Brady, DO; Intuitive Surgical-Consultant; Prana Thoracic- Consultant

No other members of the planning committee, speakers, presenters, authors, content reviewers and/or anyone else in a position to control the content of this education activity have relevant financial relationships with any companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Disclaimer Statement

The information presented at this program represents the views and opinions of the individual presenters, and does not constitute the opinion or endorsement of, or promotion by, the UPMC Center for Continuing Education in the Health Sciences, UPMC / University of Pittsburgh Medical Center or Affiliates and University of Pittsburgh School of Medicine. Reasonable efforts have been taken intending for educational subject matter to be presented in a balanced, unbiased fashion and in compliance with regulatory requirements. However, each program attendee must always use his/her own personal and professional judgment when considering further application of this information, particularly as it may relate to patient diagnostic or treatment decisions including, without limitation, FDA-approved uses and any off-label uses.

PROGRAM OVERVIEW:

The Medical Education Day allows clinical research and scholarly activity opportunities to be presented to our local and regional clinical care providers and GME Training Programs.

UPMC
University of Pittsburgh School of Medicine
Center for Continuing Education in the Health Sciences

UPMC Central PA. Region Annual Medical Education Day 2024
Thursday, April 25, 2024
Penn Harris Hotel
Camp Hill, PA

This is not your official certificate.

How to receive your continuing education credit?

<https://cce.upmc.com/upmc-annual-medical-education-day-2024>

This activity is approved for the following credit: *AMA PRA Category 1 Credits™*, and ANCC. Other health care professionals will receive a certificate of attendance confirming the number of contact hours commensurate with the extent of participation in this activity.

To receive credit, you will be required to login, complete the course evaluation, and claim credit. If you are a new user, click "Register" to create a new account. The activity will be added to your Pending Activities and accessible on the first day of the activity. You will have 30 days to complete the evaluation before the activity is closed. Upon completion, certificates will be available to download and stored for future reference in your Completed Activities.

How to receive your official certificate?

To receive credit, login to the UPMC Center for Continuing Education in the Health Sciences (CCEHS) continuing education learning portal, <http://cce.upmc.com>. If you are a new user, choose "Register" to create an account. **Note, records are matched to users by email address.**

- Go to **My Account, My Courses**
- Choose **Pending Activities**
- Click on the **course title** to complete the course evaluation and claim credit.



Oral Presentations

Medical Track

Medical Education Day 2024

Medical Track - Oral Presentation Schedule

TIME	TYPE	PRESENTERS	TITLE
7:40 AM	CASE	Angela Han, DO	Pseudomeningocele Secondary to Cervical Spine Fusion
7:50 AM	RESEARCH	Nicole Gentile, DO Avi Hameroff, MD Timothy Canavan, MD	Second Trimester Transvaginal Cervical Length as a Predictor of Antepartum Vaginal Bleeding in Women with Placenta Previa
8:05 AM	CASE	Angsupat Pornchai, MD John Cinicola, MD Chachrit Khunsriraksakul, M4 Sarahrose Jonik, MS3 Jasmine Geathers, MS3	Hypercalcemia secondary to granulomatous reaction in retroperitoneal seminoma
8:15 AM	RESEARCH	Corey Gill, MD, MS Shannon Towle, MD Kyle Fratta, DO Michael Chemichaw, MD, MHP Taylor Parisse, DO Steven Zanders, DO, FCCP Erik Kochert, MD, FACEP	Intracranial CT angiography is high-yield in identifying vascular abnormalities in a large cohort of patients presenting with dizziness in an urban community academic emergency department
8:30 AM	CASE	Kevin Misner, DO	A Diagnostic Odyssey: Unmasking Neurosarcoidosis With Leptomeningeal Involvement
8:40 AM	RESEARCH	Anupam Halder, MD Kripa Rajak MD Vikash Jaiswal MD Muhammad Hanif, MD Evbayekha Endurance, MD Novonil Deb, MBBS	Meta-Analysis of Racial Disparity in clinical outcome among congenital heart disease patients post-Surgery
8:55 AM	CASE	Wern Lynn Ng, MD Alice He, BS, MS3 Rong Rong Ge, MD Chandi Garg, MD	Li-Fraumeni Syndrome and the Imperative for Comprehensive Screening: A Leiomyosarcoma Case
9:05 AM	RESEARCH	Anupam Halder, MD Song Peng Ang, MD Kripa Rajak, MD Vikash Jaiswal, MD Muhammad Hanif, MD Abhigan babu Shrestha, MBBS Victor Hugo Aguilera Alvarez, MD, MPH	Prognostic Value of Neutrophil-to-Lymphocyte Ratio in Patients with Acute Decompensated Heart Failure. A Meta-analysis
9:20 AM	CASE	Sneha Reddy, DO	A unique way to diagnose and trend Pneumocystis Jirovecii pneumonia
9:30 AM	CASE	Faith Seltun, DO	Tricky Tricuspid: Metastatic Carcinoid Tumor Masquerading as Severe Tricuspid Insufficiency
9:40 AM - 10:10 AM - BREAK			
10:10 AM	RESEARCH	Zinaida Perciuleac, MD I-lanna Bobrysheva, MD Maha Azhar, MD Gabriela Calderon Barahona, MD	The prevalence of blood culture contamination in Emergency department
10:25 AM	CASE	Harsimran Singh, MS, DO	Skin Deep: Amyotrophic Dermatomyositis Presenting as Rapidly Progressive Interstitial Lung Disease
10:35 AM	CASE	Lei Alena Dagat, DO Dale Gozum, DO	A difficult case study to swallow: Lemierre's Syndrome

10:45 AM	RESEARCH	Pooja Brar, MD, MPH Avi Hameroff, MD	Amniotic Fluid Index as a Predictor of Adverse Pregnancy Outcomes in Preterm Prelabor Rupture of Membranes
11:00 AM	CASE	Faith Seltun, DO Charles Reninger, MD	A Rare Case of Seminoma Presenting as a Solitary Supraclavicular Cervical Mass
11:10 AM	CASE	John Lin, DO Zachary Scheid, DO Syed Gilani, DO Hassan Amhaz, MD FCCP	A Case of Hemolytic Anemia Associated with Mycoplasma Pneumonia Infection
11:20 AM	RESEARCH	Madalyn Charnego, MPH, MS, CGC	Analyzing the readability and suitability of webpages related to genetic counseling and genetic testing
11:35 AM	CASE	Sindhu Muppala, DO Thomas McCoy, DO Sneha Reddy, DO	Possible Flecainide-Induced Takotsubo Cardiomyopathy
11:45 AM	RESEARCH	Seema Sharma Gautam, MD Konstantin Golubykh, MD Kripa Rajak, MD Aslan Amiran, MD Iuliia Kovalenko, MD Anupam Halder, MD Anas Atrash, MD Yijin Wert	Attempt to improve optimization of GDMT in Heart failure; A Quality Improvement project
12:00 PM	CASE	Robyn Walcott, DO	Idiopathic Inflammatory Myopathy in Patient with Alcohol Use Disorder
12:10 PM	CASE	Harsimran Singh, MS, DO Hussam Mahmoud, DO Shane Specht, DO	Hemophagocytic Lymphohistiocytosis Unmasked by Mononucleosis: A Case Report with Atypical Presentation



Oral Presentations

Surgical Track

Medical Education Day 2024

Surgical Track - Oral Presentation Schedule

TIME	TYPE	PRESENTERS	TITLE
8:00 AM	TOPIC	Tylee Rickett, MD	The Use of Deep Vein Arterialization for Limb Salvage in No-Option Chronic Limb Threatening Ischemia
8:10 AM	RESEARCH	Shaan Sadhwani, DO Michael Brown, DO Isaac Nivar, DO Michael Marcinko, DO Jonathan Dalton, MD Tyson Maugle, DO	Single Position Lateral versus Prone Transpsoas Lateral Interbody Fusion: A single surgeon experience examining approach selection and early post operative outcomes
8:25 AM	CASE	Maria Ahmad, DO Swhaeb Shubair, MD	Thyroid hematoma; A rare complication following upper endoscopy
8:35 AM	RESEARCH	Chance Benner, DO Eman Shreteh, DO George Chachati, MD Pranav Sharma, M3 Noah Robey, M4 David Loran, MD	Outcomes of Robotic-Assisted Minimally Invasive Direct Coronary Artery Bypass; a Single Institution Experience
8:50 AM	CASE	Catharine Bernal, MD Kathryn McCabe, DO Manish Gupta, MD	Medically refractory tertiary hyperparathyroidism in post-deceased-donor renal transplant recipient
9:00 AM	RESEARCH	Taylor Casey, DO Lisa Swenson, MS Michael Asken, PhD	Mental Health Diagnoses and Surgical Outcomes: Inconsistent Conclusions, But Prehabilitation Can't Hurt
9:15 AM	CASE	Jason Chickness, DO Robert Maurer, MD Breanna Davis, DO Thomas Buckley, DO	Randomized Controlled Trial Comparing Suture Impact on Wound Complication and Patient Satisfaction in Carpal Tunnel Surgery
9:25 AM	RESEARCH	George Chachati, MD Chance Benner, DO Troy Moritz, DO John Brady, DO	Novel approach to endoluminal vac therapy for distal esophageal perforations
9:40-10:10 AM - BREAK			
10:10 AM	RESEARCH	Hannah Stein, DO Claire Barber, MD Eman Shreteh, DO Faizan Syed, MD	Impact of allograft size in long term outcome of recipient eGFR
10:25 AM	CASE	Kristi Dikranis, DO	The Dangers of Diaphragmatic Hernias, A Case Report
10:35 AM	RESEARCH	Dawn Cox, DO Hannah Stein, DO Melanie Shpigel, DO Katherine Barton, MD Renee Aboushi, MD	Limitations of Oncotype Dx® Testing in Specific Patient Populations
10:50 AM	CASE	Brian Omslaer, DO Shaan Sadhwani, DO Jonathan Dalton, MD Brendan Sweeney, DO Deniz Olgun, MD	Advanced imaging is key in acetabulum fractures in pediatric patients with open triradiate cartilage- A report of 3 cases

11:00 AM	RESEARCH	Kelly Fening, DO Michael Asken, PhD	How Important is Psychology in Surgery? What Surgical Residents Think
11:15 AM	CASE	Melanie Shpigel, DO Rachael Carretti, DO Shawn Safford, MD	Diphallia Revealed Following Attempt at Newborn Circumcision -- A Case Report Detailing a Congenital Rarity
11:25 AM	RESEARCH	Kathryn McCabe, DO	Post-operative Leukocytosis in Abdominal Wall Reconstruction
11:40 AM	TOPIC	Cameron Slane, DO William Littlefield, DO Matthew Garner, MD	The effect of nonsteroidal anti-inflammatory medications on fracture healing, a review of the literature
11:50	RESEARCH	Charlotte Floria, DO Kurtis Childers, DO Tylee Rickett, MD Swhaeb Shubar, MD Cameron Benedict, MD	Are We Creating a Hernia to Fix a Hernia



Poster Presentations

Medical Track

Medical Education Day 2024

Medical Track - Poster

	TYPE	AUTHOR(S)	TITLE
1	Case	Krissy Elmslie, DO	Brain Taser
2	Case	Mike Fink, DO	Acute Post Endoscopic Retrograde Cholangiopancreatography Pancreatitis
3	Case	Dale Zachary Gozum, DO Joseph Norman, OMS-III Dale Lent, DO	A Case Report of a 20 y/o male with a cardioembolic stroke and multiple congenital heart defects
4	Case	Samantha Hoegle, MD Manuela Modelewski, DO	Aspergillosis Tracheobronchitis: A Rare Complication of the Common Flu
5	Case	Beverley Kozuch, DO Faith Seltun, DO	Sudden Onset of End Stage Renal Disease due to Monoclonal Gammopathy of Renal Significance: A Case Report
6	Case	Thomas McCoy, DO Faith Seltun, DO Trevor Rymerson, DO	Unmasking the Brugada Pattern: A Unique Case of Brugada Pattern Emergence in a Patient with Acute Diverticulitis
7	Case	Konstantin Nestoiter, MD Navitha Ramesh, MD	A Case Series About Three Patients with Status Asthmaticus, From Pathophysiology to Treatment
8	Case	Zinaida Perculeac, MD I-lanna Bobrysheva, MD Maha Azhar, MD Gabriela Calderon Barahona, MD	The prevalence of blood culture contamination in Emergency department
9	Case	Elizabeth Reiner, DO David Silver, MD	Case Report: Brexanolone infusion treatment in a patient with postpartum depression who failed multiple treatment modalities
10	Case	Rachael Schultz, DO, MS3 Kaitlyn Plummer, DO	PMR, Giant Cell Arteritis and the Inflamed Aorta
11	Case	Justin VanDerMolen, MD	Teamwork makes the dreamwork - Clinical pharmacists highlighted during case of Legionella pneumonia where Azithromycin was incorrect treatment choice
12	Case	Wern Lynn Ng, MD Alice He, BS, MS3 Konstantin Nestoiter, MD Seema Sharma Gautam, MD Navitha Ramesh, MD	Lethal Consequenses of Fentanyl-Laced Molly Use: A Case Report and Urgent Call for Action
13	Topic	Sydney Diulus, DO O'Hara Haley, MD	Assessing the Understanding and Use of Expedited Partner Therapy Among Obstetrics & Gynecology Residents in the State of Pennsylvania



Poster Presentations

Surgical Track

Medical Education Day 2024

Surgical Track - Poster

	TYPE	AUTHOR(S)	TITLE
1	CASE	William Baumgartner, DO Casey Meier, DO Shawn Safford, MD	Rare case of Trichobezoar with Small Bowel Obstruction and Perforation
2	CASE	Brendan Sweeney, DO Michael Brown, DO Melissa Meyer, DO	Delayed Diagnosis of Developmental Hip Dysplasia: A Case Report
3	CASE	Emily Downing, MD Paul Kunkel, MD	Incarcerated umbilical hernia found to be adenocarcinoma as primary diagnosis
4	CASE	Adrian Lowenfeld, DO	A case of three concomitant skin cancer types
5	RESEARCH	Breanna Davis, DO	Literature Review of Immediate Elbow Mobilization After Distal Biceps Tendon Repair
6	RESEARCH	Amir Guindi, MD Britton Mehr, MD Kurtis Childers, DO Alexa Smith, DO Casey Meier, DO	MRCP use in the Management of Choledocolithiasis: Is it Necessary?
7	RESEARCH	William Littlefield, DO Joshua Harman, DO Brendan Sweeney, DO Lauren Zeitlinger, DO	Assessment of Confidence Level in Orthopedic Surgery Residents Regarding Management of Orthopedic Oncologic Disease: A Survey
8	RESEARCH	Tim Maurer, DO Cameron Slane, DO Matthew Kelly, MD	Retrospective Review of Post Operative Total Shoulder Readmissions
9	RESEARCH	Dylan Rykowski, DO Charlie Yoo, DO Jamie Henzes, DO	Effects of Surgical Helmet System Use in Aseptic Revision Knee and Hip Arthroplasty
10	RESEARCH	Zack Schneider, MD Kurtis Childers, DO	Outcomes of Gender Difference in Patients who have Undergone Abdominal Wall Reconstruction
11	RESEARCH	Brendan Sweeney, DO Shaan Sadhwani, DO Timothy Maurer, DO Michael Marcinko, DO Gabrielle Swartz, BS, MS4 Timothy Ackerman, DO	Comparison of Assistance: Do Medical students increase complication rates in total Knee arthroplasty
12	CASE	Isaac Nivar, DO Michael Fernandez, MD	Dysphagia secondary to anterior cervical osteophytes
13	TOPIC	Jamie Henzes, DO Anthony Kamson, DO	Literature Review for Understanding the Timeline for Total Joint Arthroplasty Following Native Septic Arthritis
14	TOPIC	Matthew Kendall, DO Michael Marcinko, DO Matthew Kelly, MD	UCL Repair in the young athlete: a systematic review of literature