



Corewell Health in West Michigan

58th Annual Research Day

May 9, 2025
Corewell Health Place
Grand Rapids, MI





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Welcome to Research Day!

Thank you for attending the 58th annual Research Day! We are excited to share all the incredible and innovative scholarly activity throughout Corewell Health in West Michigan. Research Day 2025 features 200 oral and poster presentations from a diverse range of medical and surgical disciplines.

The presenters represent a variety of educational backgrounds, including resident and fellow physicians, medical students, pharmacy residents and health care professionals.

Research Day is an event we look forward to each year, and it would not be achievable without the generous support of so many. We want to thank the judges, moderators and faculty members who kindly offer their time and expertise to maintain the overall excellence of the event. We would also like to thank the Office of Medical Education and Corewell Health Research Institute, including the many team members who make this day a success. This event is made possible through the sponsorship of The Alliance, a collaborative partnership between Corewell Health in West Michigan and Michigan State University College of Human Medicine. Additionally, Shaping Healthcare through an Academy of Professional Educators (SHAPE) sponsored our keynote and lunch.

We also want to extend a special recognition to the Corewell Health Research Institute Scholarly Activity Support team. Your endless hours of reviewing, tracking and monitoring every project submitted are truly invaluable. This event is made possible because of your commitment to Research Day. Your dedication and hard work do not go unnoticed.

On behalf of the Corewell Health Research Institute and the Office of Medical Education, thank you for supporting this event!

Sincerely,

Paula Schuiteman-Bishop, MBA, MPA
Vice President, Corewell Health Research Institute

Surender Rajasekaran, M.D., MPH
Medical Director of Research, Corewell Health Research Institute
DeVos Endowed Chair, Pediatric Research, Helen DeVos Children's Hospital
Assistant Professor, Michigan State University College of Human Medicine

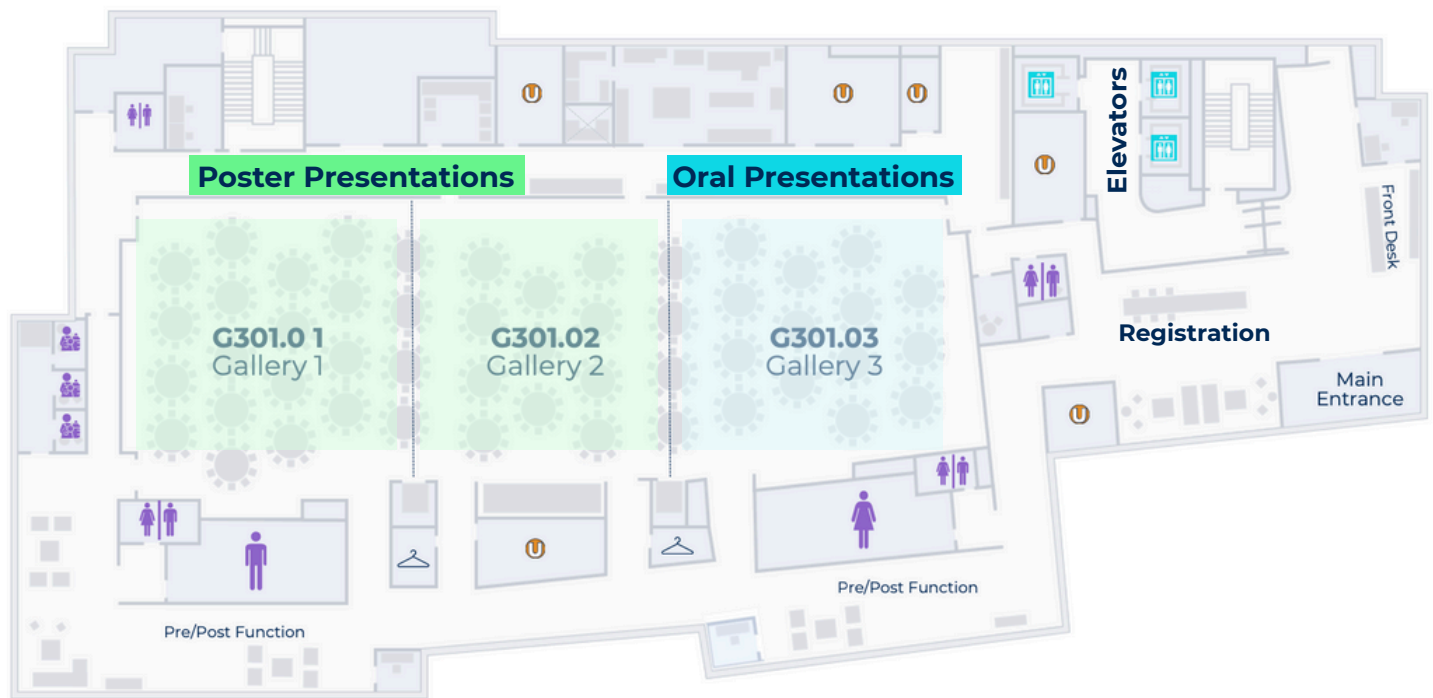
Candace Smith-King, M.D., FAAP
Vice President, Academic Affairs, Corewell Health West
Designated Institutional Official, Corewell Health – Grand Rapids/Michigan State University
Assistant Professor of Pediatrics, Michigan State University College of Human Medicine
Academic General Pediatrics, Adolescent and Young Adult Medicine

Schedule at a glance



Time	Event	Location
7:30 a.m. – 8:00 a.m.	Registration	Corewell Health Place, Building A, Lobby
8:00 a.m. – 8:55 a.m.	Oral Presentations	Building A Gallery 3, Room 2213 Building B Rooms 1602, 1603, 2602, 2603
9:00 a.m. – 9:25 a.m.	Poster Presentations	Building A Gallery 1 & 2
9:30 a.m. – 11:40 a.m.	Oral Presentations	Building A Gallery 3, Room 2213 Building B Rooms 1602, 1603, 2602, 2603
Noon – 1:00 p.m.	Keynote Speaker and Lunch	Building B Terrace Room 4500 *Please note that lunch will be provided only to the first 120 attendees.
1:00 p.m. – 1:25 p.m.	Poster Presentations	Building A Gallery 1 & 2
1:30 p.m. – 2:55 p.m.	Oral Presentations	Building A Gallery 3, Room 2213 Building B Rooms 1602, 1603, 2602, 2603

Building A

GROUND FLOOR



-  Reservable Room
-  Private Office
-  Focus Room
-  Utilities

-  Women's Restroom
-  Men's Restroom

-  Lactation Room
-  Unisex Restroom

Building A

SECOND FLOOR





-  **Lactation Room**
 -  **Unisex Restroom**

Building B

FIRST FLOOR



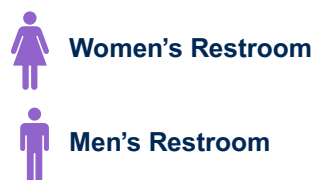
-  Reservable Room
-  Private Office
-  Focus Room
-  Utilities

-  Women's Restroom
-  Men's Restroom

-  Lactation Room
-  Unisex Restroom

Building B

SECOND FLOOR



Institutional Review Board



Check out our website for IRB
resources and tips!

Email us at: irbassist@corewellhealth.org

Physician Recruitment



Are you interested in building your career with Corewell Health after you complete your residency or fellowship training? We'd love to hear from you!

Email us at: physicianrecruitment@corewellhealth.org

Corewell Health Research Institute Innovations Office



Inventing tomorrow's health care today. The completion of this Invention Disclosure Form is the first step in capturing and protecting your innovative discoveries at Corewell Health.

SHAPE Proudly Presents

Avraham Cooper, M.D.

2025 Research Day Keynote Speaker

Join us for lunch on May 9, 2025
and a keynote by Dr. Cooper titled:

The Art of Medicine: Curiosity, Humanism, and Joy as a Clinician

Avraham (Avi) Cooper, M.D., is a pulmonary/critical care physician and Associate Professor of Medicine at The Ohio State University in Columbus, OH.

Dr. Cooper has received multiple awards for teaching and humanism at Harvard and Ohio State, and he is an inductee of the Gold Humanism Honor Society. His writing about medical education and the humanities in medicine has been featured in journals and outlets including The New England Journal of Medicine, JAMA, MedPage Today, and the Journal of Graduate Medical Education, among others. He believes strongly in the power of technology to flatten hierarchies in medicine and help teach learners across the world, and is co-founder and co-host of The Curious Clinicians, a Medical Podcast that asks “Why?”

Dr. Cooper obtained an undergraduate degree in English Literature before going to medical school at Harvard University. He completed Internal Medicine residency at Beth Israel Deaconess Medical Center, where he developed a deep passion for medical education and science communication.



Note: Given space constraints, lunch will be available for the first 120 attendees

Noon-1 p.m. | Corewell Health Place Terrace

Oral Presentations

Location	Title, Presenter(s), Authors, Affiliations/Institutions
8:00 a.m. - 8:10 a.m.	
Building A Gallery 3	Purulent pericarditis post Nissen fundoplication Presenter: Benjamin Boss, BS Authors: Benjamin Boss, BS; Tyler Kemnic, DO; Faeq Kukhon, MD Michigan State University College of Human Medicine
Building A 2213 Inspiration	Evaluation of Pharmacy Dosing Services: Vancomycin Therapeutic Drug Target Achievements Presenter: Abigail Sturr, PharmD Authors: Abigail Sturr, PharmD; Megan Leigh, PharmD; Calvin Ice PharmD, BCPS, BCCCP; Sara Ogrin, PharmD, BCPPS, BCIDP Corewell Health West
Building B 1602 Inspiration	Repair of Perforated Ulcers within Paraesophageal Hernias Presenter: Danielle Katz, DO Authors: Danielle Katz, DO; Kristen Hawes, MD; Giuseppe Zambito, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine, Mercy Health, Grand Rapids
Building B 1603 Inspiration	Inpatient Isolated Hip Fracture Management: Pre and Post Guideline Implementation Presenter: Ashley Franklyn, MPH Authors: Jeremy Gentile, MD; Alex Albrecht, MD; Elizabeth Carrier, NP; Ashley Franklyn, MPH; Steffen Pounders, BS; Lauren Sellers, BS; Laura Krech, MPH; Matthew Phad, MS; Elizabeth Steensma, MD Corewell Health West
Building B 2602 Inspiration	Endovascular Tricuspid Vegetectomy in Patients with Endocarditis using Transesophageal or Intracardiac Echocardiography Guided Large Bore Mechanical Aspiration: An Institutional Experience Presenter: Samy Behairy, MD Authors: Samy Behairy, MD; Zach Vandever, MD Corewell Health West, Michigan State University College of Human Medicine, Advanced Radiology Services
Building B 2603 Inspiration	The use of High Flow Nasal Cannula during interhospital transfers in pediatric patients Presenter: Tonia Jerrick, MD Authors: Tonia Jerrick, MD; Todd Chassee, MD; Lindsey Rauch, MD; Alexander Ky, BS Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine

Location	Title, Presenter(s), Authors, Affiliations/Institutions
8:15 a.m. - 8:25 a.m.	
Building A Gallery 3	Changes in Metabolomic Profile on End-Stage Heart Failure Patients Before and After Durable Left Ventricular Support Device Presenter: Stephen Orey, MS Authors: Stephen Orey, MS; Nadia Ashrafi, PhD; Romana Ashrafi Mimi, PhD; Vilija Lomeikaite, PhD; Migle Gabrielaite, PhD; Jouzas Gordevicius, PhD; Ali Yilmaz Yilmaz, PhD; Stewart Graham, PhD; Renzo Loyaga-Rendon, MD, PhD Corewell Health West
Building A 2213 Inspiration	Clinical Impact of Omitting Fluoroquinolones for Primary Neutropenic Prophylaxis in Adult Patients with Newly Diagnosed Acute Myeloid Leukemia Presenter: Erik Gotberg, PharmD Authors: Erik Gotberg, PharmD; Brett Van Rossum, PharmD; Monica Polkowski, PharmD; Devon Stonerock, PharmD Corewell Health West
Building B 1602 Inspiration	Heartburn Takes on a Whole New Meaning: A Case of Gastropericardial Fistula Presenter: Jake Sypniewski, BA Authors: Jesse Kelley, MD; G. Dane Fritz, MD; Jake Sypniewski, BA; Geoffrey Lam, MD; Eugene Zolotarevsky, MD Michigan State University College of Human Medicine
Building B 1603 Inspiration	A Prospective, Randomized, Single-Blinded Trial of Ketamine Versus Lidocaine Infusions for Multimodal Pain Management in Traumatic Rib Fracture Patients Presenter: Brittany Hoyte, PharmD, BCCCP Authors: Brittany Hoyte, PharmD, BCCCP; Charles Gibson, MD; Calvin Ice, PharmD, BCPS, BCCCP; Nicholas Watson, MD; Jessica Parker, MS; Steffen Pounders, BS; Laura Krech, MPH; Ashley Franklyn, MPH; Alistair Chapman, MD Corewell Health West
Building B 2602 Inspiration	The Mysterious Abdominal Mass Presenter: Ramsey Potter, MD Authors: Ramsey Potter, MD Michigan State University College of Human Medicine
Building B 2603 Inspiration	I Can't Believe it's Not Cancer! Torcular Pseudomass: A Not-So-MASSive Problem After All? Presenter: Bridget Gongol, MA, MD Authors: Bridget Gongol, MA, MD; Joe Junewick, MD Corewell Health West
8:30 a.m. - 8:40 a.m.	
Building A Gallery 3	The Use of Handheld Ultrasound in Pre and Post Assessment of Patients Undergoing Heart Surgery in a Developing Country Presenter: Dale Chilton, BA, BS, RDCS (AE) Authors: Dale Chilton, BA, BS, RDCS (AE) Corewell Health West

Location	Title, Presenter(s), Authors, Affiliations/Institutions
8:30 a.m. - 8:40 a.m.	
Building A 2213 Inspiration	Evaluation of nirsevimab and hRSV severity risk factors on hRSV admissions Presenter: John Grofvert, PharmD, Authors: John Grofvert, PharmD, MBA; Sara Ogrin, PharmD, BCPPS, BCIDP; Luke Leffler, MS Biostat Corewell Health West
Building B 1602 Inspiration	Psychological Distress in Melanoma: Patients Perceptions at Initial Consultation Presenter: Kaylee Gwyn, BS Authors: Kaylee Gwyn, BS; Ediana Restivo, MD; David Han, MA; Gerald Wright, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 1603 Inspiration	Wait to Operate: Factors Impacting Orthopedic Trauma Operative Turnover Time (TOT) Presenter: Caleb Inman, BS Authors: Gable Moffitt, MD; Caleb Inman, BS; Laura Krech, MPH; Steffen Pounders, BS; Ashley Franklyn, MPH; Elizabeth Steensma, MD; Bethany Renkema, BS; Jason Slaikeu, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 2602 Inspiration	Efficacy Of Immersive Virtual Reality Vs Standard Therapy In Upper Limb Motor Rehabilitation In Post Stroke Patients Presenter: Shayan Marsia, MD Authors: Shayan Marsia, MD; Jiangyong Min, MD Corewell Health West
Building B 2603 Inspiration	Empowering Parents: Emergency Pediatric Tracheostomy Simulations Presenter: Sammy Dia, MD Authors: Sammy Dia, MD; Kelley Brechting, RN, NCM; Amy Neumann, QSE; Sara Hollingsworth, RT; Ashlyn Koeller, RT; Scott Hawkins, MSW; Bradd Hemker, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
8:45 a.m. - 8:55 a.m.	
Building A Gallery 3	Lymphocytic Myocarditis in a Previously Healthy Male Leading to Orthotopic Heart Transplantation Presenter: Alexander Schreck, BS Authors: Alexander Schreck, BS; Nicholas Watson, MD; Matthew Armstrong, MD Michigan State University College of Human Medicine
Building A 2213 Inspiration	A Retrospective Observational Evaluation on Duration of Therapy to Guideline Recommendations in the Treatment of Pediatric Community Acquired Pneumonia Presenter: Kyle Andrew Brillantes, PharmD Authors: Kyle Andrew Brillantes, PharmD; Sara Ogrin, PharmD, BCPPS, BCIDP; Freddie Hildreth, MPH; Sandeep Vemulapalli; Nicholas Andersen, PhD; Derek Vander Horst, PharmD, BCIDP; Alison Van Rossum, PharmD, BCPS Corewell Health West, Helen DeVos Children's Hospital

Location	Title, Presenter(s), Authors, Affiliations/Institutions
8:45 a.m. - 8:55 a.m.	
Building B 1602 Inspiration	Unusual Presentation of Painless Hematuria Uncovers Diagnosis of Primary Pediatric Stage III Renal B-Cell Lymphoblastic Lymphoma Presenter: Lauren Eberhardt, MD Authors: Lauren Eberhardt, MD; Eric Groh, MD Corewell Health West
Building B 1603 Inspiration	Novel Assessment of the Brain Injury Guidelines Using Artificial Intelligence: The BIG 3A and 3B Study Presenter: Hasaan Hayat, BS Authors: Hasaan Hayat, BS, MD candidate; Jeremy Mormol, MD; Jacob Knowlton, MD; Laura Krech, MS; Steffan Pounders, MS; Alistair Chapman, MD; Elizabeth Steensma, MD; Nicholas Watson, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 2602 Inspiration	Reporting Trends of Playing Surface with Concussion Reports in Michigan High School Athletics Presenter: Ryan Mergener, BS Authors: Noah Carson, BS; Ryan Mergener, BS; Connor Burrows, BS; Nate Maniaci, BS; Allison Tenfelde, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
Building B 2603 Inspiration	Analyzing incidence and risk factors for delirium in non-intensive care pediatric patients Presenter: Simi George, MBBCH Authors: Simi George, MBBCH; Brett Leingang, MD; Larissa Dean; Meghan Lemmen, MD; Samuel Adams, MD; Katherine Peterson, MD; Maria Roldan, MD; Nishika Patel; Sravya Emmadi; Nicholas Beam, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
9:30 a.m. - 9:40 a.m.	
Building A Gallery 3	Seeing the Future of Aortic Disease: How 4D Flow MRI Predicts Surgery in Patients with Bicuspid Aortic Valve Presenter: Anthony Maroun, MD Authors: Anthony Maroun, MD; Aniket Dehadrai, BS; Ethan Johnson, PhD; Haben Berhane, PhD; David Dushfunian, MD; Bradley Allen, MD, MS; Michael Markl, PhD Corewell Health West
Building A 2213 Inspiration	Implementation of artificial Intelligence in the Monitoring of Prescribing Direct Oral Anticoagulants in Primary Care Presenter: Regan VanderVeen, PharmD Authors: Regan VanderVeen, PharmD; Heather Rickle, PharmD; Amy Poullion, PharmD; Brook Dudick, MPH Corewell Health West
Building B 1602 Inspiration	A Unique Presentation and Management of Traumatic Diaphragmatic Hernia: A Case Report Presenter: Payton Kooiker, DO Authors: Payton Kooiker, DO Corewell Health West

Location	Title, Presenter(s), Authors, Affiliations/Institutions
9:30 a.m. - 9:40 a.m.	
Building B 1603 Inspiration	Does Adherence to the Corewell Health-West Occult Hip Fracture Protocol Affect Patient Outcomes? Presenter: Jeremy Mormol, MD Authors: Jeremy Mormol, MD; Kirk Welsh, MD; Sahiba Singh, BS; Drew Krumm, MD; Laura Krech, MPH; Steffen Pounders, BS; Ashley Franklyn, MPH; Andrew Woodrow, MD; Elizabeth Steensma, MD, FACS Corewell Health West
Building B 2602 Inspiration	Decreased Fracture Rates with Increased Utilization of Cement for THA, a MARCOI Study Presenter: Clayton Foster, MD Authors: Clayton Foster, MD; James Gannon, MD; Victoria Aquilino, BS; Karl Roberts, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 2603 Inspiration	Using Virtual Reality to Teach Ultrasound-guided Lumbar Puncture: Making Medical Education Fun Presenter: Ann Renner, MD Authors: Justin Steele, MD; Jeff Haus, DO; Ann Renner, MD; Cory Schmidt, MD; David Synhorst, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University
9:45 a.m. - 9:55 a.m.	
Building A Gallery 3	Threading the Needle- Coumadin Ridge Papillary Fibroelastomas Complicating Left Atrial Appendage Occlusion Presenter: Ibrahim Khaleel, MD Authors: Ibrahim Khaleel, MD; Wassim Jawad, MD; Andrea Burgess, RN; Andre Gauri, MD; David McNamara, MD, MPH Corewell Health West, Michigan State University
Building A 2213 Inspiration	Medication therapy management immediately post-discharge prior to physically leaving the hospital versus standard transitions of care services Presenter: Sylvie Ngo, PharmD Authors: Sylvie Ngo, PharmD; Sara Brown, PharmD; Alexandra Peterson, PharmD; Brooke Dudick, MPH; Megan Davis, PharmD Corewell Health West
Building B 1602 Inspiration	Routine use of pre- and post-procedure impedance planimetry to ensure adequate endoscopic therapy of Zenker's diverticulum Presenter: Rima Patel Authors: Rima Patel; Jesse Kelley, MD; Jake Sypniewski; Giuseppe Zambito, MD; Amy Banks-Venegoni, MD Corewell Health West, Michigan State University College of Human Medicine, Michigan State University
Building B 1603 Inspiration	Treatment of Sinistral Portal Hypertension via Robotic Assisted Laparoscopic Splenectomy: The First Reported Case Presenter: Joel DeJonge, BS Authors: Joel DeJonge, BS; Alexia Lucas, BS; Daniel Kronner, MD; Akram Alashari, MD Central Michigan University College of Medicine

Location	Title, Presenter(s), Authors, Affiliations/Institutions
9:45 a.m. - 9:55 a.m.	
Building B 2602 Inspiration	Comparative Epidemiological Study of Orthopedic Conditions in Michigan Presenter: Angel A. Prempeh, BS Authors: Angel A. Prempeh, BS; Olorunferanmi Oni, BS; Allison Tenfelde, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 2603 Inspiration	Improving Picky Eating Counseling by Residents in a Continuity Clinic Using Interactive Educational Tools Presenter: Caroline Buckley, MD Authors: Emmy Grinstead, MD; Caroline Buckley, MD; Mai Nguyen Dang, DO; CJ Crow, MS; Jessica Park, MS; Miranda Hillard, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
10:00 a.m. - 10:10 a.m.	
Building A Gallery 3	Unveiling Sex Differences in Heart Transplant Outcomes: Insights from HCM Patients under 2018 UNOS Donor Heart Allocation Policy Presenter: Nishika Patel, BS Authors: Nishika Patel, BS; David Fermin, MD; Milena Jani, MD; Nabin Manandhar Shrestha, PhD; Renzo Loyaga-Rendon, MD, PhD Corewell Health West, Michigan State University College of Human Medicine
Building A 2213 Inspiration	Utilization of Clinical Decision Support alerts to ensure safe prescribing of epidural/intrathecal medications and anticoagulation therapies Presenter: Latifa Sharker, PharmD Authors: Latifa Sharker, PharmD; Amy Pouillon, PharmD; Luke Leffler, MS Corewell Health West
Building B 1602 Inspiration	Adult Duodenojejunal Intussusception Involving the Pancreas: A Case Report Presenter: Shannon Smith MD Authors: Shannon Smith MD; Mathew Chung, MD Corewell Health West
Building B 1603 Inspiration	Retrospective Analysis and Predictive Modeling of Complicated Hospitalization and Emergency Department Recidivism for Skin and Soft Tissue Infections Presenter: Nina Lund, MD, PhD Authors: Nina Lund, MD, PhD; J. Adam Oostema, MD, MS; Joshua Reynolds, MD, MS Corewell Health West, Michigan State University College of Human Medicine
Building B 2602 Inspiration	Bilateral Total Hip Arthroplasty in Pseudoachondroplasia: Surgical Challenges & Outcomes Presenter: Darby Dean, MS-2 Authors: Darby Dean, MS-2; Karl Roberts, MD Michigan State University College of Human Medicine

Location	Title, Presenter(s), Authors, Affiliations/Institutions
10:00 a.m. - 10:10 a.m.	
Building B 2603 Inspiration	Implementation of Standardized Institutional Guidelines for Patients with Gastroschisis in a Level 4 NICU: Adherence and Outcomes Presenter: Felicia White, MD Authors: Felicia White, MD; Sravya Emmadi, BS; Ann Shupe, MSN; Jared Tucker, PhD; Brooke Dudick, MPH; Luke Leffler, MS; Daniel Watkins, MD; Claudia Nadernejad, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
10:15 a.m. - 10:25 a.m.	
Building A Gallery 3	A Minimally Invasive Alternative: Percutaneous Mechanical Aspiration for Cardiac Vegetations in Pregnant Patients with Infective Endocarditis - A Case Report Presenter: Alexa Marquez, DO Authors: Alexa Marquez, DO; Megan McNitt-Johnson, MD; Jose Morillas, MD; Lisa Thiel, DO; Marcos Cordoba, MD; Vivian C. Romero, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 1602 Inspiration	Clinicopathologic Features and Management Patterns of Synchronous Bilateral Breast Cancer: A Single-Institution Review Presenter: Victor Magana Castro, MD Authors: Victor Magana Castro, MD; Jessica Thompson, MD; Paul Wright, MD; Daniel Bishay, MBS; Kelsey Lawrence; Luke Terrian Corewell Health West
Building B 1603 Inspiration	Utilization of Ultrasound for Rapid Diagnosis of Cardiac Tamponade and Postoperative Right Internal Jugular Vein Thrombosis in a Pediatric Patient with a Gunshot Wound to the Chest: A Case Report Presenter: Natalie M. Woodland, BS Authors: Natalie M. Woodland, BS; Becky Loney, MD Corewell Health West, Michigan State University College of Human Medicine, Other
Building B 2602 Inspiration	Weight bearing restrictions following in situ screw fixation for slipped capital femoral epiphysis Presenter: Grace Peterson, MD Authors: Grace Peterson, MD; Jessica Flakne, MD; Chase Smutterberg, BS; Jeffrey Cassidy, MD; Lisa Maskill, MD; Philip Nowicki, MD Corewell Health West, Helen DeVos Children's Hospital
Building B 2603 Inspiration	Variation in Treatment and Clinical Outcome of Primary Rhabdomyolysis in Children's Hospitals Presenter: Grace Tsaloff, MD Authors: Darya Falamarzi, MD; Matt Hall, PhD; Grace Tsaloff, MD; Katie Peterson, MD; Meghan Lemmen, MD; David Synhorst, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine

Location	Title, Presenter(s), Authors, Affiliations/Institutions
10:30 a.m. - 10:40 a.m.	
Building A Gallery 3	A Case of Choriocarcinoma Disguised by a Cornual Fibroid Presenter: Danielle MacMillan Authors: Danielle MacMillan, MD; Mae Zakhour, MD Corewell Health West
Building A 2213 Inspiration	A Retrospective Observational Evaluation of the Incidence of Tachycardia in Obese Patients receiving Norepinephrine Treatment for Septic Shock Presenter: Octavia Valencia, PharmD Authors: Octavia Valencia, PharmD; Jacob Peterson, PharmD, BCCCP; Katie Chernoby, PharmD, BCCCP; Dana Wendzel, PharmD, BCCCP Corewell Health West
Building B 1602 Inspiration	Epidural Anesthetic Management of a Parturient With Von Willebrand Disease Type 1C: A Case Report Presenter: Asher Bury, BS Authors: Travis Bell, BS; Asher Bury, BS; Kim Nguyen, MD Michigan State University College of Human Medicine
Building B 1603 Inspiration	Mobile Pediatric Trauma Simulation Presenter: Jeff Haus, DO Authors: Elliot Pennington, MD, FACS, FAAP; Lindsey Jelsma, DNP, RN, CPNP-PC; Beth Carrier, BS(N), RN, CCRC; Amy Neumann, MSN, RN, CCRN, CPPS; Alicia Wawoe, MBA, BS, RRT; Jackson Lanphear, MD; Jeff Haus, DO Corewell Health West, Helen DeVos Children's Hospital, Michigan State University
Building B 2602 Inspiration	Influence of Socioeconomic Deprivation on Healthcare Utilization After Shoulder Arthroplasty: A Systematic Review Presenter: Keith Sims, MBS Authors: Keith Sims, MBS; Aghdas Movassaghi, BS; Humza Bhatti, BS; Hussein Hazime, BS; Cesar Ramirez, BS; Michael Freidl, MD Michigan State University College of Human Medicine
Building B 2603 Inspiration	Double Trouble: Unwrapping the Cause of Recurrent Respiratory Distress in an Infant Presenter: Megan Brackmann, MD Authors: Megan Brackmann, MD; Meghan Lemmen, MD; Andrea Hadley, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
10:45 a.m. - 10:55 a.m.	
Building A Gallery 3	Girls Don't Want to Have Fun-ctional Neurologic Disorder: A Case In Pregnancy and the Implications For Clinical Care Presenter: Inara Ismailova, MD Authors: Inara Ismailova, MD; Alexa Marquez, DO; Eryn Hart, DO; Vivian Romero, MD Corewell Health West

Location	Title, Presenter(s), Authors, Affiliations/Institutions
10:45 a.m. - 10:55 a.m.	
Building A 2213 Inspiration	Standard Versus Intensive Infliximab Induction in Acute Severe Ulcerative Colitis Presenter: Raneem Sannah, PharmD Authors: Raneem Sannah, PharmD; Katie Milanowski, PharmD, BCPS; Andrew Watson, PharmD; Lauren Ice, PharmD, BCPS, BCOP Corewell Health West
Building B 1602 Inspiration	Delivering Care: Anesthetic Preparation for Labor Induction in a Patient with Severe Cardiac Disease Presenter: Melonie Abravanel Authors: Melonie Abravanel; Elena Lafata; Andrew Plaska, MD Michigan State University College of Human Medicine, Anesthesia Practice Consultants
Building B 1603 Inspiration	Utilizing Point-of-Care Ultrasound for Rapid Diagnosis and Management of Peritonsillar Abscess Presenter: Chloe Binando Scott, MS3 Authors: Chloe Binando Scott, MS3; Alex Latosinsky, MD Michigan State University College of Human Medicine, Emergency Care Specialists
Building B 2602 Inspiration	Describing Fracture Characteristics to Inform Fracture Prevention Efforts for Adults with Intellectual Disabilities and Autism Spectrum Disorders Presenter: Sahil Jha, BS Authors: Sahil Jha, BS; Shannen Bolde, MPH; Edward Hurvitz, MD; Michelle Caird, MD; Daniel Whitney, PhD Michigan State University College of Human Medicine
Building B 2603 Inspiration	Blistering Blunders Presenter: Meghan Lemmen, MD Authors: Meghan Lemmen, MD; Lisa Younk, MD; Kristi Vito, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
11:00 a.m. - 11:10 a.m.	
Building A Gallery 3	Epithelial ovarian cancer in very young women (<40 years): a comparison to the general population Presenter: Jacob Dodd, MD, MS Authors: Jacob Dodd, MD, MS; Luke Leffler, MS; Mae Zakhour, MD Corewell Health West
Building A 2213 Inspiration	Development of an AI-assisted mobile application for improving polypharmacy management, medication adherence, and patient education in outpatient settings Presenter: Pavitra Attanayake, BS Authors: Pavitra Attanayake, BS; Jory Nagel, MS; Nathaniel Hagan, MS; Nicholas Warriner, BS; Joseph Mariscal, BS; Mark Trottier, PhD Michigan State University College of Human Medicine

Location	Title, Presenter(s), Authors, Affiliations/Institutions
11:00 a.m. - 11:10 a.m.	
Building B 1602 Inspiration	C-section in a Super Obese Patient Presenter: Adetola Ojo, BS Authors: Adetola Ojo, BS; Allison Cropsey, BS Michigan State University College of Human Medicine, Michigan State University
Building B 1603 Inspiration	Paradoxical Embolism Causing Acute Limb Ischemia Initially Diagnosed on Point of Care Ultrasound Presenter: Allison Kowatch, MS3 Authors: Allison Kowatch, MS3; Matthew Flannigan, DO Corewell Health West, Michigan State University College of Human Medicine
Building B 2602 Inspiration	Socioeconomic Factors on the Development of Capsular Contracture in Reconstructive Breast Surgery Presenter: Alexia Lucas, BS Authors: Alexia Lucas, BS; Magdalena Iannello, BS; George Malliaras, MD; Ronald Barry, MD; Anthony Zacharek, MD Central Michigan University College of Medicine
Building B 2603 Inspiration	Differences in length of stay and pharmacologic therapy for infants exposed to in utero opioids after transition to the new evaluation and management strategy, Eat Sleep Console Presenter: Miranda Stein, MD Authors: Jeannette Prentice, MD; Miranda Hillard, MD; Miranda Stein, MD; Lukila Colombo; Barbara Thompson, PhD; Jared Tucker, PhD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
11:15 a.m. - 11:25 a.m.	
Building A Gallery 3	Impact of Yoga Therapy-Breathing Meditation on Complicated Pregnancies: A Retrospective Study Presenter: Jaleesa Garner, MS Authors: Jaleesa Garner, MS; Katherine Zangaro, MSN, RN; Veronica Zador, CIAYT, ERYT500, PRYT, YACEP; Marcos Cordoba, MD, MS; Vivian C. Romero, MD Corewell Health West, Michigan State University College of Human Medicine
Building A 2213 Inspiration	Cirrhosis Associated Intracranial Shunting Lesions Presenter: Jake Haver Authors: Jake Haver; Michael Morrison; Sarosh Irfan Madhani, MBBS; Paul Mazaris, MD; Mohamed Somji, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 1602 Inspiration	Optimizing Anesthesia Care in Post-Polio Syndrome Presenter: Jakob Amcheslavsky, BS Authors: Jakob Amcheslavsky, BS; Sahiba Singh, BS; Nicholas Watson, MD Michigan State University College of Human Medicine, Anesthesia Practice Consultants, Central Michigan College of Medicine

Location	Title, Presenter(s), Authors, Affiliations/Institutions
11:15 a.m. - 11:25 a.m.	
Building B 1603 Inspiration	Non-Trauma Application of the Focused Assessment with Sonography for Trauma (FAST) Exam: Large Volume Hemoperitoneum due to Hemorrhagic Ascites from Ischemic Bowel Presenter: Rachel Armstrong, MS Authors: Rachel Armstrong, MS; Mariah Barnes, MD Corewell Health West, Michigan State University College of Human Medicine, Emergency Care Specialists
Building B 2602 Inspiration	Public Perceptions of Positional Plagiocephaly Presenter: Brittney Collins, BS Authors: Brittney Collins, BS; Hanna Pfershly, BS; Kyle Knapp, MS; John Girotto, MD, MBA, FACS, FAAP; Anna Carlson, MD; Aditi Kanth, MD Michigan State University College of Human Medicine
Building B 2603 Inspiration	Pleural Effusion in Sarcoidosis: Unveiling a Rare Complication in a Clinical Case Presenter: Hawraa Alsaedi, MS Authors: Hawraa Alsaedi, MS; Sara Akbar, MD; John Egan, MD Corewell Health West, Michigan State University College of Human Medicine
11:30 a.m. - 11:40 a.m.	
Building A Gallery 3	Two Pediatric Cases of Genital Lesion Mimicry Presenter: Kate Wiewiora, DO Authors: Kate Wiewiora, DO; Sarah Pilarski, MS-II; Vyvian Borse, MD; Kania McGhee, MD Corewell Health West
Building A 2213 Inspiration	Surpass Evolve Flow Diversion for Embolization of Unruptured Anterior Circulation Aneurysms: 6- and 12-month Obliteration Rates Presenter: Macy Mitchell, BS Authors: Macy Mitchell, BS; Leonard Verhey, MD, PhD; Andrea Sewell, ACNPC; Paul Mazaris, MD; Justin Singer, MD Michigan State University College of Human Medicine
Building B 1602 Inspiration	Prevention Strategies for Laryngospasm-Induced Negative Pressure Pulmonary Edema: A Case Report Presenter: Amir Alexander Young, MPH, MS Authors: Amir Alexander Young, MPH, MS; Louise McWhirter, MD; Nicholas Watson, MD Michigan State University College of Human Medicine, Anesthesia Practice Consultants
Building B 1603 Inspiration	Recent Biventricular ICD replacement as suspected infectious source of MRSA Septic Arthritis of the shoulder: A Case Study. Presenter: Antonio Gonzales Authors: Antonio Gonzales; Alex Latosinsky, MD Corewell Health West, Michigan State University, Emergency Care Specialists

Location	Title, Presenter(s), Authors, Affiliations/Institutions
11:30 a.m. - 11:40 a.m.	
Building B 2602 Inspiration	Assessment of Craniofacial Trauma at a Level I Trauma Center: Early Depression Risk Screening Presenter: Beatrice Lucchesi, BS Authors: Beatrice Lucchesi, BS; Darin Patmon, MD; Elizabeth Bushong, MD; Hanna Pfershy, MD; Jessica Lee, BS; Ronald Ford, MD Michigan State University College of Human Medicine
Building B 2603 Inspiration	Mycobacterium bovis Vascular Graft Infection Following BCG Immunotherapy with Prolonged Latency Presenter: Aleezay Khan, BS Authors: Aleezay Khan, BS; Rebecca Emery, MD Michigan State University College of Human Medicine, Michigan State University
1:30 p.m. - 1:40 p.m.	
Building A Gallery 3	A comparative study of the rates of pregnancy and sexually transmitted infection among adolescents following the adoption of a comprehensive "Sex Ed" model in the Grand Rapids Public High School System Presenter: Kathryn Tabor, MD Authors: Kathryn Tabor, MD; Jaimie Van De Burg, BS; Michael Tsimis, MD Corewell Health West, Michigan State University College of Human Medicine
Building A 2213 Inspiration	Case Report: An Adult with NCKAP1-Related Neurodevelopmental Disorder and Autism Spectrum Disorder Presenter: Aruna Jain, BS Authors: Aruna Jain, BS; Elizabeth VanSickle, NP; Lia Zitano, MS; Timothy Moss, MD; Erica Schrader, MS Corewell Health West, Michigan State University College of Human Medicine
Building B 1602 Inspiration	Implementing the 2023 Clinical Practice Guideline for the Assessment and Treatment of Pediatric Obesity Presenter: Caleb Weissman, BS Authors: Caleb Weissman, BS; Jordan Brewer, MD; Nicholas Watson, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 1603 Inspiration	Acute Angioedema in a 56-Year-Old Male with Bipolar Disorder Presenter: Raydeer Piromari, DO Authors: Raydeer Piromari, DO; Lindsey Rauch, MD; Lisa Ambrose, MS Corewell Health West
Building B 2602 Inspiration	Hemodynamic Challenges in Pheochromocytoma Resection: A Case Report Presenter: Rachel Weber Authors: Rachel Weber; Phiona Bukirwa; Henry Wabinga; Simon Kasasa; Yuhong Zhou; Robert Lukande; Sarah Nambooze; Phoebe M. Amulen; Ronald Anguzu; Kirsten M.M. Beyer Michigan State University

Location	Title, Presenter(s), Authors, Affiliations/Institutions
1:30 p.m. - 1:40 p.m.	
Building B 2603 Inspiration	A Case of Pembrolizumab-Induced Myasthenia Gravis Presenter: Jackson Mesick, DO, MPH Authors: Jackson Mesick, DO, MPH; Lauren VanDam, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
1:45 p.m. - 1:55 p.m.	
Building A Gallery 3	Utility of non-invasive ultrasound diagnosis for adenomyosis versus gold-standard pathologic proven adenomyosis on hysterectomy specimens Presenter: Lauren Pavlik, MD Authors: Lauren Pavlik, MD; Hawraa Alsaedi; Jaclyn Friedman Denenfeld, MD Corewell Health West, Michigan State University College of Human Medicine
Building A 2213 Inspiration	Genetic myopathy masquerading as motor neuron disease Presenter: Beenish Javaid, MD Authors: Beenish Javaid, MD; Mathew Ebright, MD Corewell Health West
Building B 1602 Inspiration	Euglycemic DKA in a Surgical Patient on SGLT2i: The Importance of Preoperative Medication Review Presenter: Alex Phillips, BS Authors: Alex Phillips, BS; Jakela Neal, MPH; Nicholas Watson, MD Michigan State University College of Human Medicine
Building B 1603 Inspiration	Impact of Prior Abdominal Surgery on Outcomes of Pancreaticoduodenectomy Presenter: Joe Mariscal, BS Authors: Joe Mariscal, BS; Pavitra Attanayake, BS; Jason Aubrey, MD; Gerald P Wright, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 2602 Inspiration	Early PTSD Risk Screening and Assessment in Craniofacial Trauma at a Level 1 Trauma Center: ITSS and Trauma-Related Predictors Presenter: Darin Patmon, MD Authors: Beatrice Lucchesi, BS; Darin Patmon, MD; Elizabeth Bushong, MD; Hanna Pfershy, BS; Jessica Lee, BS; Ronald Ford, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 2603 Inspiration	Bartonella Endocarditis Complicated by Anterior Cerebral Artery Mycotic Aneurysm Presenter: Marlene Garcia, MD Authors: Marlene Garcia, MD; Jorgelina de Sanctis, MD; Gordana Simeunovic, MD Corewell Health West, Michigan State University College of Human Medicine
2:00 p.m. - 2:10 p.m.	
Building A Gallery 3	Multisystem Langerhans Cell Histiocytosis with Cutaneous Vulvar Manifestations in a Pediatric Patient Presenter: Sarah Pilarski, MS Authors: Sarah Pilarski, MS; Kania McGhee, MD, MBA; Kate Wiewiora, DO; Vyvian Borse-Hatchett, MD Corewell Health West, Michigan State University College of Human Medicine

Location	Title, Presenter(s), Authors, Affiliations/Institutions
2:00 p.m. - 2:10 p.m.	
Building A 2213 Inspiration	Sensorineural Hearing Loss in Opioid Substance Abuse: A Case Report Presenter: Christopher J. Dabish, BS Authors: Christopher J. Dabish, BS; Jeremy G. Reynoso BS; Meredith E. Sprince, MD Michigan State University College of Human Medicine
Building B 1602 Inspiration	Anesthesiologists' Perspectives on GLP-1 Receptor Agonists in Elective Surgeries: A Qualitative Survey Analysis Presenter: Allison Cropsey, MS2 Authors: Benjamin Boudreau, MS4; Allison Cropsey, MS2; Nicholas Watson, MD Corewell Health West, Michigan State University College of Human Medicine, Anesthesia Practice Consultants
Building B 1603 Inspiration	Growth Kinetics and Long-Term Outcomes of cT1b-cT3 Renal Masses Under Active Surveillance Presenter: Andrew Harris, BA Authors: Andrew Harris, BA; Michael Lesgart, BS; Sabrina Noyes, BS; Francesca Montanaro, MD; Shivaram Cumarasamy, MD; Brian Lane, MD, PhD; Alex Kutikov, MD; Andres Correa, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 2603 Inspiration	Idiopathic Hypercalcemia Secondary to Hyperbilirubinemia in the setting of Acute Liver Failure Presenter: Raneem Sabbaq, BA Authors: Raneem Sabbaq, BA; Obadeh Mohiddin, MD; Tuka Mohiddin, BS; Sarah Bdeir, BA; Seth Sclair, MD Michigan State University College of Human Medicine
2:15 p.m. - 2:25 p.m.	
Building A Gallery 3	Pustular Psoriasis in Pregnancy Presenter: Sidney Natan, DO Authors: Sidney Natan, DO; Lauren Pavlik, MD; Alexa Marquez, DO; Rebecca Jansen, MD; Shontreal Cooper, MD Corewell Health West, Michigan State University College of Human Medicine
Building A 2213 Inspiration	Twin Study: Observing Efficacy of Responsive Neurostimulation in Patients with Genetic Developmental Disorders and Drug-Resistant Epilepsy Presenter: Isabella Puroskey, MS3 Authors: Isabella Puroskey, MS3; Jake Haver, MS3; Marian Michael Bercu, MD, MSc Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
Building B 1602 Inspiration	Distinguishing between Pseudohyperkalemia and Hyperkalemia in a Patient with Elevated Leukocytosis Presenter: Delilah Coconubo, MS Authors: Delilah Coconubo, MS; Thomas Kelbel, BS; Nicholas Watson, MD Michigan State University College of Human Medicine

Location	Title, Presenter(s), Authors, Affiliations/Institutions
2:15 p.m. - 2:25 p.m.	
Building B 1603 Inspiration	A Hematologic Disaster: A Case of Simultaneous Chronic Lymphocytic Leukemia and Acute Myeloid Leukemia Presenter: Kush Patel, MS Authors: Kush Patel, MS; Robert Alhaddadin, MD; Joel DeJonge, MS; Pauline Do, MS; Nicholas Haddad, MD Central Michigan University College of Medicine
Building B 2602 Inspiration	Examining the Productivity of Corewell Health West Plastic Surgery Residency Clinic Presenter: Nina Livermore, MD Authors: Nina Livermore, MD; Ronald Ford, MD Corewell Health West
Building B 2603 Inspiration	More than just a seizure: A case of focal temporal lobe epilepsy and ictal atrioventricular block Presenter: Ross Kendall, MD Authors: Ross Kendall, MD; Ajith Thomas, MD; Nicholas Hountras, MD Corewell Health West, Michigan State University College of Human Medicine
2:30 p.m. - 2:40 p.m.	
Building A Gallery 3	Maternal Hypertension Pathway Presenter: Tishanna Ferguson, MD Authors: Kania McGhee, MD; Tishanna Ferguson, MD; Katherine Hoopes, MD; Kenya Daniels, BS Corewell Health West
Building A 2213 Inspiration	A Case Report of Bannwarth syndrome, a presentation of Lyme Disease that's Becoming More Prevalent in the US. Presenter: Kassem Al Asaad, MBBS Authors: Kassem Al Asaad, MBBS; Naser HajAissa, MBBS; Amjad Abdallah, MD; Michelle DeJesus Brazitis, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 1602 Inspiration	Emergent Intubation in a 63-Year-Old Female with Altered Consciousness and Complicated Airway History Presenter: Richard Nguyen Authors: Kim Nguyen, MD; Richard Nguyen; Alexander Gomez Michigan State University College of Human Medicine
Building B 1603 Inspiration	An Intra-abdominal Space Occupying Lesion: Weighing In At 36 Pounds Presenter: Matt Morris, MD Authors: Matt Morris, MD; Doug Snow, MD; Paul Wright, MD Corewell Health West; Michigan State University

Location	Title, Presenter(s), Authors, Affiliations/Institutions
2:30 p.m. - 2:40 p.m.	
Building B 2602 Inspiration	Inferior Repositioning of the High-Riding Nipple Using a Parenchymal-Based Flap Presenter: Daniella Anderson, MD Authors: Daniella Anderson, MD; Dennis Hammond, MD; James Goggin, MD; Kuylhee Kim, MD; Frederico Flaherty, MD; Augusto Belavita, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 2603 Inspiration	Leveraging AI to Assess and Describe Sexual Health Outcomes in Women after Cystectomy Presenter: Ibukunoluwa Omole, BA Authors: Ibukunoluwa Omole, BA; Faheed Shafau; Larissa Bresler, MD Michigan State University College of Human Medicine
2:45p.m. - 2:55 p.m.	
Building A Gallery 3	The Role of Insurance Type in Perinatal Healthcare Adequacy Presenter: Vivienne Acuna, MSc Authors: Vivienne Acuna, MSc; Taylor Lombard; Jean Kerver, PhD Michigan State University College of Human Medicine
Building A 2213 Inspiration	An unexpected cause of asymmetric weakness and atrophy in an adult. Presenter: Sweta Komanduru, DO Authors: Sweta Komanduru, DO; Matthew Ebright, MD Corewell Health West, Michigan State University College of Human Medicine
Building B 1602 Inspiration	Navigating Ethical and Legal Complexities in End-of-Life Decision Making: The Role of Guardianship in Patient Care Presenter: Ken Dada, BS Authors: John Pardington, BS; Ken Dada, BS; Matthew Armstrong, MD, MA; Nicholas Watson, MD, FASA Michigan State University College of Human Medicine, Anesthesia Practice Consultants
Building B 1603 Inspiration	Quality Analysis of Specialty Radiology Read Compliance for Protocol Required Imaging in Research Patients Presenter: Aaron Cole, BSN, RN Authors: Aaron Cole, BSN, RN; Esther Peariso, MSN, RN, NI-BC, CCRC Corewell Health West
Building B 2602 Inspiration	Pseudomeningocele in the Setting of Spring-Assisted Strip Craniectomy for Sagittal Craniosynostosis: A Case Report Presenter: Rachel Lee, BS Authors: Sam Girian, BS; Rachel Lee, BS; Humza Mirza, MD; Swetha Sundar, MD; Joseph Petronio, MD; Anna Carlson, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
Building B 2603 Inspiration	The impact of family history and genetic risk score on prostate cancer screening in 700 patients twelve years after randomization Presenter: Valerie Garcia Authors: Valerie Garcia; Faheed Shafau; Sabrina Noyes; Cory Taylor; Brian R. Lane, MD, PhD Corewell Health West, Michigan State University College of Human Medicine

Poster Presentations

9:00 a.m. - 9:25 a.m.

Building A - Gallery 1 & 2

Poster	Title, Authors, Affiliation/Institution
1	Squamous Cell Carcinoma Arising from a Tailgut Cyst: A Case Report Highlighting the Challenges of Diagnosis and Treatment Jacob Kalkman, MD; Roxanne Kyriakakis, MD Corewell Health West, Michigan State University College of Human Medicine, Mercy Health, Grand Rapids
3	Primary Umbilical Hernia Repair: Does Suture Type Matter? Alex Finn, MD; Kristen Hawes, MD; Tien Hua; Madison Mangione; Elizabeth Martin; Steven Kuselias, PhD; Giuseppe Zambito, MD; Amy Banks-Venegoni, MD Corewell Health West, Michigan State University College of Human Medicine
5	A Rare Case of a Neuroendocrine Tumor Metastasizing to the Breast Danielle Katz, DO; Aryana Sharrak, MD; Mariam Khan, MD; Jessica Thompson, MD; Mathew Chung, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine, Mercy Health, Grand Rapids
7	Treatment of Marjolin's Ulcer Arising From Hidradenitis Suppurativa and Reconstructive Methods: A Review Morgan Sainsbury, MD; Peter Granger, MD; Travis Holcombe, MD Corewell Health West
9	Challenges of Surgical Wound Care with Idiopathic Calciphylaxis: A Case Report Ellie Gschwendtner, MD; Samuel Girian, BS; Humza Mirza, MD; Timothy Burton, MD; Patricia Pentiak, MD; Amy Spence, MD; Alistair Chapman, MD Corewell Health West
11	Dog bite-induced open lunate dislocation precipitating acute carpal tunnel syndrome: an unusual mechanism Joseph Gorvetzian, MD; Stephen Duquette, MD Corewell Health West
13	Persistent Endofilling of Frozen Elephant Trunk Christina Supino, DO, MPH; Jake Nicholson, DO; Eanas Yassa, MD Corewell Health West
15	Teeth extraction in a patient with left ventricular noncompaction cardiomyopathy Cecilia Li, BS; Dalton King, BS; Phillip Muellerleile, M.D. Michigan State University College of Human Medicine
17	A Calculated Approach: Neuraxial Anesthesia in a High-Risk Parturient with Aortic Stenosis Adam Kapp, BS; Kalyan Bobba, BS; Paul Jaklitsch, MD Corewell Health West, Michigan State University College of Human Medicine, Michigan State University, Anesthesia Practice Consultants

Poster	Title, Authors, Affiliation/Institution
21	Initial Steroid Treatment in a MOGAD Patient with Super High MOG Antibody and Lesion without Contrast Enhancement Nicholas Lannen, MD; Ling Ling Rong, MD; Jessica Feistel, MD Corewell Health West
23	Bilateral lower cervical facet dislocation (CFD) corrected with reduction, anterior cervical discectomy with fusion (ACDF), and posterior fixation in a 19-year-old male. Mohamed Abouelleil, MD; Jake Sypniewski, BA; Matthew Karek, MD Corewell Health West, Michigan State University College of Human Medicine
25	The Masquerade or What's in this skin; A case of cutaneous sarcoidosis Daniel Emrick, MD; Anacleto Diaz, MD Corewell Health West, Michigan State University College of Human Medicine
27	The Role of Inspiratory Muscle Training in Reducing COPD-Related Hospital Readmissions: A Literature Review Hussein Hazime, BS; Humza Bhatti, BS; Keith Sims, BS; Heba Fardoun, BS; Mike Eldirani, MD Michigan State University College of Human Medicine
29	Leukocytoclastic Vasculitis in Cefazolin and Nafcillin Antibiotic Treatment Jon Richards, MD; Josip Divic, MD Corewell Health West
31	Writhy, Weary, and Wobbly. What Could it Be? An Atypical Presentation of Chorea and Ataxia in a Pediatric Patient Dorothy Anne Cabantan, DO; Anacleto Diaz, II, MD Corewell Health West, Helen DeVos Children's Hospital
33	Assessing Safety and Tolerability in Bee Venom Immunotherapy: Conventional vs. 1-day Ultra Rush Protocol Connor Kuipers, MD; Kaylee Gwyn, BS; Ted Kelbel, MD Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
35	Trach-Together: An Interdisciplinary Approach to Tracheostomy Support Sammy Dia, MD; Scott Hawkins, MSW; Bradd Hemker, MD; Rachel Macak, MD; Kelley Brechting, RN, NCM; Elizabeth Prentice, DO; Carolyn Dress, MD; Jessica Sturgill, RT Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
37	Physical Activity Counseling in MSU Network Family Medicine Clinics Harland Holman, MD; Karyn Schmidt Veerman, MD Corewell Health West
39	A case of SBO after initiating Ozempic Elron Oscar, MD; Monica Vandenberg, MD Corewell Health West
41	Hepatitis With Acute Liver Injury Secondary to Undifferentiated Viral Upper Respiratory Infection in an Immunocompetent Adult Patient Ryan Blackmer; Jeff Jones, MD Corewell Health West, Michigan State University College of Human Medicine

Poster	Title, Authors, Affiliation/Institution
43	Metastatic Infection Caused by Hypermucoviscous Klebsiella Pneumoniae Presenting as Endogenous Endophthalmitis Megan Courtley, MD; Brode Breuker, MD Corewell Health West
45	Recurrent Torsades de Pointes in an Elderly Woman with a Long QT Syndrome Travis Cook, MD; Matthew Singh, MD; Andrea Reeder, RN Corewell Health West
47	Nailed! Penetrating Head Injury in a 19-Year-Old Male Brode Breuker, MD; Jason Seamon, DO; Tiffany Fleeger, BS Corewell Health West
49	A Pediatric Presentation of Guillain-Barré Syndrome Mimicking Refractory Migraines Bradley Buska MD; Nathaniel Ladaga DO; Nawal Bennett BS Corewell Health West
51	Hair-Raising Emergency: Managing a Minoxidil Overdose in a 17-Month-Old Infant Emma Lindemann, MD; Brian Lewis, MD; Lindsey Ouellette, MS Corewell Health West
53	Self-induced Dermatositis in Adolescence: A Great Imitator Emma Syrek, DO; Christian Kolacki, MD Corewell Health West
55	Impact of Legalized Cannabis on Pediatric Emergency Visits: Characteristics and Outcomes of Hospitalized Patients Nawal Bennett, MS; Emma Dixon, MS; Victoria Moaddel, MS; Abbigail Behmlander, MS; Man Yee Keung, MD; Matthew Singh, MD; Nathaniel Ladaga, DO; Angela Zamarripa, MD; Lindsey Rauch, MD; Jeffrey Jones, MD Corewell Health West, Michigan State University College of Human Medicine
57	A Constellation of Common Emergency Department Presentations: BRASH Syndrome Kyle Lipa, DO; Matthew Singh, MD Corewell Health West, Michigan State University College of Human Medicine
59	Spontaneous Peroneal Pseudoaneurysm in the Young Athlete Nina Lund, MD, PhD; Jennifer Hemberg, MD Corewell Health West, Michigan State University College of Human Medicine
61	Gender Differences in clinical characteristics and outcomes in patients with Acute Pulmonary Embolism. An analysis of 1000 PERT activations. Maria Obeidat; Milena Jani, MD; Dana Marsy, MPH; Glenn Vanotteren, MD; Michael Knox, MD; Wael Berjaoui, MD; Joseph Pitcher, MD; Trevor Cummings, MD; Nabin K Shrestha, PhD; Renzo Loyaga-Rendon, MD Corewell Health West, Michigan State University College of Human Medicine
63	Differential metabolomic profile on end-stage ischemic and non-ischemic cardiomyopathy Stephen Orey, MS; Nadia Ashrafi, PhD; Romana Ashrafi Mimi, PhD; Vilija Lomeikaite, PhD; Migle Gabrielaite, PhD; Jouzas Gordevicius, PhD; Ali Yilmaz Yilmaz, PhD; Stewart Graham, PhD; Renzo Loyaga-Rendon, MD, PhD Corewell Health West

Poster	Title, Authors, Affiliation/Institution
65	No survival benefit in transplanting stable LVAD patients (status 4). Renzo Loyaga-Rendon, MD, MSPH; Sangjin Lee, MD; Nabin Manandhar-Shrestha, PhD; Deepak Acharya, MD; Marzia Leacche, MD Corewell Health West
67	The Use of Medication for Addiction Treatment of Opioid Use Disorder in Pregnancy and Its Effects On Fetal Growth Bindi Patel, MD Corewell Health West
69	Familial Campomelic Dysplasia due to SOX9 Mosaicism and In Vitro Fertilization with Preimplantation Genetic Testing Saheli Kokoruda, DO; Vivian Romero, MD; Marcos Cordoba, MD; Renee Zolynsky, MS, CGS Corewell Health West
71	Case report: Kell Antigen alloimmunization in a Gestational Carrier after embryo transfer following in vitro fertilization Melissa Schott, MS; Hawraa Alsaedi, MS; Robin Strouse, RN; Emma Giuliani, MD; Marcos Cordoba Munoz, MD; Mili Thakur, MD; Valerie Shavell, MD Corewell Health West, Michigan State University College of Human Medicine, Western Michigan Homer Stryker, MD School of Medicine
73	Case Report: Recurrent Metastatic Breast Cancer in Pregnancy Complicated by Uncontrolled Pain Lauren Chapman, MPH; Samantha Damocles; Laurie Chalifoux, MD Michigan State University College of Human Medicine
75	On the Tip of the Tongue: Anesthetic Dilemmas for C-Section with Metastatic Cancer Zoe Baxter, BS; Theresa Nguyen, BS; Laurie Chalifoux, MD, FASA Michigan State University College of Human Medicine
77	Management of Intercostal Artery Pseudoaneurysm after Stab Wound to Chest Kyle Thompson, MD Corewell Health West, Michigan State University College of Human Medicine
79	The many images of Abernethy syndrome; unraveling the radiologic, laboratory, and clinical findings in an adolescent patient presenting with congenital portosystemic shunt Nicholas Comeau, MD; Breana Bouchard, BS; Andrew Zbojnowicz, MD Corewell Health West
81	Sestamibi as an alternative to mebrofenin for the diagnosis of acute cholecystitis: An alternative option during supply chain disruption Midhhath Afza Munavar Ali, MD; Matthew Davenport, MD; Daniel Wale, MD; Bamidele Otemuyiwa, MD; Benjamin Viglianti, MD Corewell Health West
83	Resident Work Hour Correlation with Wellness Scores: Do Less Hours Make Happier Residents? Sam Girian, BS; Elizabeth Bushong, MD; Beatrice Lucchesi, BS; Matthew Fahrenkopf, MD; Ronald Ford, MD; Megan Sommers, MD Corewell Health West

Poster	Title, Authors, Affiliation/Institution
85	The Role of Clinical Simulation in Ultrasound Training for Advanced Practice Providers Dale Chilton, BA, BS, RDCS (AE); Joy Tompkins, BSN; Dale McNinch, DO Corewell Health West
87	Diagnostic Yield of Exome Sequencing for Isolated, Non-Syndromic Autism Spectrum Anna Lively, MD, MS; Linda Rossetti, MD; Elizabeth VanSickle, MS; Georgina Brown-Steplitus, BS; Tanya Pai, BS; Ariel Breeden, BS; Sydney Sabanski, BS Helen DeVos Children's Hospital

Poster Presentations

1:00 p.m. - 1:25 p.m.

Building A - Gallery 1 & 2

Poster	Title, Authors, Affiliation/Institution
2	A Case of a Traumatic Flank Hernia with Bowel Evisceration Claire McNary MD; Mario Zambito, MD Corewell Health West
4	Multidisciplinary Management of a Large Symptomatic Splenic Cyst During Pregnancy: A Case Report Joe Mariscal, BS; Aryana Sharrak, MD; Jeffrey Gawel, MD Michigan State University College of Human Medicine
6	Trends in Plastic Surgery Research Productivity-An Increase in Scientific Abstract Submissions, Presentations, and Conference Lengths Elizabeth Bushong, MD; Hanna Pfershy, BS; Samuel Girian, BS; Matthew Fahrenkopf, MD; Ronald Ford, MD, FACS Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine, Mercy Health, Grand Rapids
8	Islanded Superficial Temporal Artery Fasciocutaneous Flap in Temporal Hairline Reconstruction Following Skin Cancer: a Novel Approach Beatrice Lucchesi, BS; John Felder, MD Michigan State University College of Human Medicine
10	Factors Associated with Microsurgical Outcomes for Cutaneous and Muscular Autologous Free Flaps in Pediatric Patients Crista Lee Oakley-Havens, BA; Oscar Parker Martinez, MD, MPH; Samuel Girian, BS; Anna Carlson, MD; John A. Giroto, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine, Michigan State University
12	Assessing recurrence outcomes in breast-conserving surgery with and without cavity shave margin resection Pavitra Attanayake; Hannah Liefeld, MD; Jacob Sypniewski; Steven Lee; Anna Levine, DO; Gerald P. Wright, MD; Jessica Thompson, MD Corewell Health West, Michigan State University College of Human Medicine
14	Multidisciplinary Management of Pheochromocytoma in Cardiovascular Patients: A Two-Case Report David Han, MA; Gerald Wright, MD Corewell Health West, Michigan State University College of Human Medicine
16	Obstetric Anesthesia management of emergent cesarean delivery with complex cardiac history and neuraxial contraindications : A case study. Antonio Gonzales; Andrew Harris; Laurie Chalifoux, MD Michigan State University College of Human Medicine, Anesthesia Practice Consultants

Poster	Title, Authors, Affiliation/Institution
18	Intravascular Lithotripsy followed by angioplasty and stenting for severely calcified carotid artery stenosis: A technical note and case series Macy Mitchell, BS; Leonard Verhey, MD, PhD; Naveen Taylor; Andres Restrepo-Orozco, MD; Jake Haver, BS; Andrea Sewell, AGACNP; Paul Mazaris, MD; Justin Singer, MD Michigan State University College of Human Medicine
20	Anti-Kelch Like 11 Protein Encephalitis in a Patient with a Regressed Testicular Germ Cell Tumor Ryan Bean, DO; Jordan Gates, DO; Nicholas Lannen, MD Corewell Health West
22	Case Study: Responsive Neurostimulation Treatment for a case of X-linked NEXMIF Encephalopathy in a Female Patient Isabella Purosky, MS3; Jake Haver, MS3; Marian Michael Bercu, MD, MSc Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
24	Prophylactic antibiotics in a penetrating traumatic brain injury Kevin FitzGerald, DO; Jose Morillas, MD Corewell Health West
26	Incidence of Invasive Group A Streptococcus Infection in relation to the COVID-19 Pandemic (GASCO) - a pilot study Jacob Stremers, DO; Hannah Bray, MD; Adam Caulfield, PhD; Robert Fulmer, DO; Zachary Ciochetto, MD; Gordana Simeunovic, MD Corewell Health West, Michigan State University College of Human Medicine
28	Beware of Feeding Chickens: A Case of Salmonella Endocarditis Ajith Thomas, MD; Jorgelina De Sanctis, MD Corewell Health West
30	An Approach to Decreasing Transportation Barriers to Medical Care in the Corewell Health West Internal Medicine Residency Clinic Janene Berli, MD; Antonia Fomunyam Nyongabsen, MD Michigan State University College of Human Medicine
32	Stroke in Adolescent Patient Requiring IR Intervention: A Case Report Alyssa Gill, MS; Carina Grain, BS; Todd Chassee, MD; Christina Knight, MD Michigan State University College of Human Medicine
34	Quality Improvement Project on Strengthening the Treatment of Pediatric Overweight/Obesity Kristen Erwin, DO; Lyn Mattathil, MD; Maria Correa Roldan, MD; Grace Tsaloff, MD; Swetha Gogu, DO; Emily Abele, DO; Michael Kennett, MD; Elizabeth Parker, MD; Kristi Artz, MD; Miranda Hillard, MD Corewell Health West, Helen DeVos Children's Hospital
36	Preliminary Data: Improving Mental Health Processes, Workflows, and Responses Tamara Paola Gonzalez Copo, MD; Jeffrey Haus, DO; Erica Guldensky, PMHNP-BH; Nicholas Beam, MD Helen DeVos Children's Hospital

Poster	Title, Authors, Affiliation/Institution
38	Serendipitous X-Rays: back-to-back incidental findings of congenital diaphragmatic hernia and congenital neuroblastoma on routine neonatal XR GERALYN MOODY, MD Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
40	Improving Vitamin D Testing and Supplementation in Intestinal Failure Patients at Helen Devos Children's Hospital Outpatient Pediatric Gastroenterology Clinic Swetha Gogu, DO, MPH; Lucy Frey, MS, RD; Vanessa Cardenas-Kimball, MD Corewell Health West, Helen DeVos Children's Hospital, Michigan State University College of Human Medicine
42	Updated Congenital CMV Identification Protocol Anthony Bernicchi, MD; Meghan Berry, DO; Annalise Bowen, MD; Ashlyn Sovereign, MD; Lana Gagin, MD; Daliya Khuon, MD Helen DeVos Children's Hospital
44	Etanercept use in the management of pediatric Stevens-Johnson syndrome and toxic epidermal necrolysis: a case report Rana Hegazi, DO; Emmy Grinstead, MD; Charlyne Cuyar Cruz, MD Corewell Health West, Helen DeVos Children's Hospital
46	Evaluation of epidural anesthesia on neonates undergoing abdominal or thoracic surgery Sejad Skokic, MD; Shewar Ibadat, MS; Ann Shupe, MSN; Lucas Leffler, MS; Jodi Garvin, DO Helen DeVos Children's Hospital
48	Acute Mastoiditis Complicated by Cerebral Venous Sinus Thrombosis in an Adolescent Male Gene Porter, MD; Jennifer Bach, MD; Tiffany Fleege, BS Corewell Health West
50	Central Retinal Artery Occlusion in 17-Year-Old Female on Oral Contraceptives Zain Alajjouri, MD; Deanna Deschler, MD; Mariah Barnes, MD; Lisa Ambrose, MS Corewell Health West
52	Unmasking the Uncommon: A Rare Case of Pediatric Infective Endocarditis Misdiagnosed as a Viral Illness Lyanette Irizarry-Leon, MD; Angela Zamarripa, MD; Lindsey Ouellette, MS Corewell Health West
54	Reverse Takotsubo Cardiomyopathy During Acute Bronchospasm Darian Mills, MD; Thomas Peterson, MD Corewell Health West
56	Cannabis-Induced Anxiety Disorder in Pediatrics: A Community-based Study of Emergency Department Visits Simran Bhogal, MBS; Ryan Thornburgh, MS; Megan Courtley, MD; Mariah Barnes, MD; Jason Seamon, DO; Jennifer Bach, DO; Christian Kolacki, MD; Thomas Peterson, MD; Jeffrey Jones, MD Michigan State University College of Human Medicine

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58	<p>Perceptions of Cardiopulmonary Resuscitation Success in Children: A Survey of Family Attitudes and Media Influence</p> <p>Carissa Bartkowiak, MS; Jon Giolitti, MS; Mary Reiber, MS; Madi Mangione, MS; Paige Sims, MS; Syndey Brief, MS; Emily Hill, MS; Katrina Elzinga, MS; Xhesika Topalli, MS; Amanda Croft-DeHagen, MS</p> <p>Corewell Health West, Michigan State University College of Human Medicine</p>
60	<p>Erector Spinae Plane Block for Refractory Shingles Pain</p> <p>Patrick Fewins, MD; Justin Winkler, MD; Jordan Johnson, MD</p> <p>Corewell Health West, Michigan State University College of Human Medicine</p>
62	<p>Real-world adverse events of temporary percutaneous circulatory support of the right ventricle - A Manufacturer and User Facility Device Experience (MAUDE) analysis</p> <p>Joeita Macfield, BS; Anjali Purohit, BA; Ryan Grayburn, DO; Jacob Gonzales, MA; Nabin Manandhar-Shrestha; Scott Chicotka, MD; Emily Seif, MD; Brian Trethowan, MD; Noah Jentzen, MD; Renzo Loyaga-Rendon, MD</p> <p>Corewell Health West, Michigan State University College of Human Medicine</p>
64	<p>When appearances deceive: a case of papillary endothelial hyperplasia mass in the left atrial appendage in a patient with ischemic stroke</p> <p>Mohamad El Shami, MD; Moiz Saeed, MD; Mohammad Ahmed, MD; Rafael Bernal, MD; Amarinder Atal, MD; Richard McNamara, MD</p> <p>Corewell Health West, Michigan State University</p>
66	<p>Da Vinci SP (single port) Surgery: A Novel Approach to Gynecologic Procedures</p> <p>Allison Cropsey, MS2; Leigh Seamon, DO, MPH, FACS, FACOG</p> <p>Corewell Health West, Michigan State University College of Human Medicine</p>
68	<p>Langerhans Cell Histiocytosis of Vulva in a Pediatric Patient</p> <p>Sarah Pilarski, MS; Kania McGhee, MD, MBA; Kate Wiewiora, DO; Vyvian, Borse-Hatchett MD</p> <p>Corewell Health West, Michigan State University College of Human Medicine</p>
70	<p>Vacuum-Induced Hemorrhage Control versus Uterine Balloon Tamponade for Management of Postpartum Hemorrhage</p> <p>Courtney Makris, DO; David Colombo, MD</p> <p>Corewell Health West</p>
72	<p>Evaluating the effectiveness of regular physical examinations in post-treatment breast cancer surveillance</p> <p>Anna Levine, DO; Jessica Thompson, MD; G. Paul Wright, MD; Luke Terrian, BS; Kelsey Lawrence, BS; Daniel Dishay, BS</p> <p>Michigan State University College of Human Medicine</p>
74	<p>No TINOM0 <5cm "Oncocytic Renal Neoplasms" Developed Distant Metastases: Longterm Follow-up in Two Health Systems</p> <p>Andrew Harris, BA; Danly Omil-Lima, MD; Shivaram Kumarasamy, MD; Michael Lesgart, BS; Sabrina Noyes, BS; Alexander Kutikov, MD; Andres Correa, MD; Brian Lane, MD</p> <p>Corewell Health West, Michigan State University College of Human Medicine</p>

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76	Pigmented Villonodular Synovitis with Atypical Presentation in the Foot: A Case Report Humza Bhatti, BS; Hussein Hazime, BS; Philip Nowicki, MD Corewell Health West, Michigan State University College of Human Medicine
78	Mistaken Farewell: A Case Where IDT Changed the Trajectory of Factitious Disorder Kristin Inger, MD; Dylan Drummond, MD; Gretchen Roe, MD; Jon Abraham, MD Corewell Health West
80	Using Large Bore Catheter Aspiration to Retrieve a Projectile Fragment Free Floating between the Right Atrium and IVC: Case Presentation with Review of Literature Zoe Harris, BS; Samy Behairy, MD; Nathan Kauffman, Ph.D. Corewell Health West, Michigan State University College of Human Medicine
82	Pulmonary Artery Pseudoaneurysm Following Right Heart Catheterization: Diagnostic and Interventional Considerations Alex Phillips, BS Michigan State University College of Human Medicine
84	A literature review of Platelet Rich Plasma Injection in Lumbar Facet Arthropathy Aaron Chang, MD; Justin Dzierzawski, MD; Oluseun Olufade, MD; Di Cui, MD Corewell Health West
86	Toxic erythema of chemotherapy in Enfortumab Vedotin limited to the lower extremities: Another form of Pseudocellulitis Karissa Libson, MD; Lily Kaufman, BS; Kalyn Hoffman, MD; Catherine Chung, MD; Benjamin Kaffenberger, MD Corewell Health West, Michigan State University College of Human Medicine
88	A systematic review of renal mass biopsy: what evidence supports its use (or omission)? Ibukunoluwa Omole, BA; Marissa Solorzano; Sabrina Noyes; Mahin Mirza, MPH; Alice Semerjian, MD; Craig Rogers, MD; Khurshid Ghani, MD; Brian Lane, MD Michigan State University College of Human Medicine



Thank You and Congratulations!

Thank you to the judges, moderators, event staff and planning committee. We know all the time and hard work that goes into ensuring the success of this event. Research Day could not be done without you! A special thank you to Corewell Health West and Michigan State University College of Human Medicine Alliance for their sponsorship of this event.

Congratulations to all the presenters – we learned so much from you! Winners will be announced soon and notified via email. We look forward to seeing you next year.

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