

Midwest Clinical and Translational Research Meeting

March 3-4, 2022 • Chicago, IL
Fairmont Chicago Millennium Park



Poster Session A Thursday, March 3, 2022 Imperial Ballroom

Poster

Number Title/First Author

Cardiology / Cardiovascular Disease

- 1A THE MONSTERS BEHIND THE DOOR: A CASE OF ACUTE HEART FAILURE UNMASKED ON PATENT FORAMEN OVALE CLOSURE
Pranav Pillai, MD, University of Louisville
- 2A PROCEDURAL OUTCOMES OF THE USE OF A MIXED REALITY HEAD MOUNTED DISPLAY IN THE CARDIAC CATHETERIZATION LABORATORY
Johnny Chahine, MD, University of Minnesota
- 3A RESPIRATORY ACIDOSIS: AN UNUSUAL CASE OF TRANSIENT LEFT VENTRICULAR DYSFUNCTION
Alexander D Shinn, DO, MBA, University of Missouri Healthcare
- 4A VENTRICULAR TACHYCARDIA IN A NORMAL HEART DURING CARDIAC STRESS TEST: SHOULD WE WATCH OUT FOR AN AT(TAC)K?
Pranav Pillai, MD, University of Louisville
- 5A PECULIAR PERICARDIAL EFFUSION: ADMISSION TO THE CARDIAC INTENSIVE CARE UNIT AFTER ADMINISTRATION OF FIRST COVID VACCINE
Alexander D Shinn, DO, MBA, University of Missouri Healthcare
- 6A OXALATE DIET INDUCED CHRONIC KIDNEY DISEASE IN DAHL-SALT-SENSITIVE RATS INDUCES UREMIC CARDIOMYOPATHY
Prabhatchandra Dube, University of Toledo
- 7A UNDERSTANDING SPONTANEOUS CORONARY ARTERY DISSECTION: A NEW OBSERVATION
Zafar Ali, MD, University of Kansas Medical Center
- 8A A RARE CASE OF SYSTEMIC EMBOLISM OF LEFT ATRIAL APPENDAGE CLOT IN THE SETTING OF MITRAL STENOSIS WITHOUT ATRIAL FIBRILLATION
Samira Shiraj, MD, Essen Health Care
- 9A FEMORAL ARTERY PSEUDOANEURYSM MASQUERADING AS CHRONIC ABDOMINAL PAIN
Samira Shiraj, MD, Essen Health Care

- 10A SULFONYLUREA INDUCED VENTRICULAR ARRHYTHMIAS
Abdullah Ahmad, MD, Englewood Hospital and Medical Center
- 11A CARDIOVASCULAR MAGNETIC RESONANCE IMAGING PHENOTYPES AND LONG-TERM OUTCOMES IN PATIENTS WITH SUSPECTED CARDIAC SARCOIDOSIS
CHETAN SHENOY, MBBS, MS, University of Minnesota
- 12A SYSTEMATIC ERROR RESULTING IN A LEAD REVERSAL EPIDEMIC IN THE EMERGENCY ROOM: AN UNDERESTIMATED CONSEQUENCE OF THE GLOBAL PANDEMIC
Mohammad Al Bataineh, MD, University of Missouri-Columbia
- 13A COVID-19 PATIENTS ON CARDIAC MEDICATION THERAPY AT A HIGHER RISK OF IN-HOSPITAL MYOCARDIAL INFARCTION, CARDIAC ARREST AND DEATH
Apurv Agarwal, MBBS, University of Louisville
- 14A MECHANISMS OF THROMBOSIS IN PATIENTS WITH LIPOEDEMA AND LYMPHEDEMA
Sharon J Shim, MS, Cleveland Clinic Heart, Vascular, and Thoracic Institute
- 15A EFFECTIVENESS OF THE ANGIOVAC SYSTEM IN REMOVAL OF INTRAVASCULAR MASSES: A SINGLE CENTER EXPERIENCE
Austin Nickell, BS, University of North Dakota
- 16A A TRIAD OF PERICARDITIS, PERICARDIAL EFFUSION AND PLEURAL EFFUSION AS THE PREDOMINANT PRESENTATION OF RHEUMATOID ARTHRITIS
Adam S Devine, Medical College of Wisconsin
- 17A PEMBROLIZUMAB INDUCED MYOCARDITIS: A RARE FATAL MULTISYSTEM IMMUNE RELATED TOXICITY
Abdullah Ahmad, MD, Englewood Hospital and Medical Center

Nephrology

- 18A COMPUTATIONAL AND EXPERIMENTAL ANALYSIS REVEALS THE ARACHIDONIC ACID METABOLITE 20-HYDROXYEICOSATETRAENOIC ACID IS A NOVEL LIGAND OF THE NA/K-ATPASE
Dhilhani Faleel, M.Sc, University of Toledo College of Medicine and Life Sciences
- 19A SINGLE PASS ALBUMIN DIALYSIS FOR REFRACTORY VASOPLEGIA IN CALCIUM CHANNEL BLOCKER TOXICITY
Jenna Essink, MD, University of Nebraska Medical Center
- 20A SUSPECTED DOXYCYCLINE INDUCED ACUTE INTERSTITIAL NEPHRITIS
Andrew Abrahamian, MD, University of Toledo

Endocrinology / Metabolism

- 21A SHORT-TERM DIETARY BRANCHED-CHAIN AMINO ACID RESTRICTION HAS PERSISTENT METABOLIC HEALTH BENEFITS
Mariah Calubag, University of Wisconsin-Madison
- 22A RESISTANT HYPERTENSION SECONDARY TO PRIMARY ALDOSTERONISM: A CASE SERIES
Ayesha Saeed, MD, St. Elizabeth's Medical Center, Boston University School of Medicine

- 23A METASTATIC PROSTATE ADENOCARCINOMA: AN UNUSUAL CAUSE OF ECTOPIC ADRENOCORTICOTROPIC HORMONE SECRETION
Ayesha Saeed, MD, St. Elizabeth's Medical Center, Boston University School of Medicine
- 24A A CASE OF SECONDARY HYPERTENSION: MISSED MORE OFTEN THAN NOT IN PRIMARY CARE
Kirsten M Lipps, MD, University of Wisconsin Hospitals and Clinics
- 25A THYROID IMMUNE-RELATED ADVERSE EVENTS ARE ASSOCIATED WITH IMPROVED SURVIVAL IN CANCER PATIENTS
Dua'a Abdallah, MBBS, University of Nebraska Medical Center
- 26A DIETARY ISOLEUCINE RESTRICTION ALTERS METABOLISM TO REVERSE DIET-INDUCED OBESITY IN MICE
Michaela Trautman, RD, CD, University of Wisconsin Madison - Lamming Laboratory
- 27A AN UNCOMMON CAUSE OF RECURRENT HYPOGLYCEMIA
Baraa Saad, MD, University of Missouri-Columbia
- 28A MASS SPECTROMETRY BASED LIPIDOMICS AND FATTY ACIDOMICS - A NEW WINDOW FOR THE BIOMEDICAL SCIENCES AND NUTRITION RESEARCH
Sugasini Dhavamani, University of Illinois
- 29A GENOTYPE-PHENOTYPE CORRELATIONS IN SUBJECTS WITH HNF1B ASSOCIATED DIABETES
Maria V Salguero Bermonth, MD, MSc, University of Chicago Hospitals
- 30A A LOW ISOLEUCINE DIET EXTENDS LIFESPAN AND IMPROVES HEALTHSPAN IN A SEX-DEPENDENT MANNER IN A GENETICALLY HETEROGENEOUS MOUSE POPULATION
Cara L Green, University of Wisconsin-Madison
- 31A DIETARY ISOLEUCINE RESTRICTION IMPROVES METABOLIC HEALTH BUT INDUCES CARDIAC REMODELING IN AGED FEMALE MICE
Chung-Yang Yeh, University of Wisconsin-Madison
- 32A IMMUNE CHECKPOINTS AND SUPPRESSOR CELLS AFFECT THYROID CANCER OCCURRENCE AND SEVERITY
Anupam Kotwal, MD, University of Nebraska Medical Center
- 33A METABOLIC AND MOLECULAR RESPONSE TO CALORIE RESTRICTION IS HIGHLY DEPENDENT ON TEMPORAL CONDITIONS
Heidi Pak, University of Wisconsin-Madison
- 34A REGULATION OF ADIPOSITY AND METABOLISM THROUGH DIETARY HISTIDINE
Victoria Flores, BS, University of Wisconsin-Madison

Gastroenterology / Clinical Nutrition

- 35A INTESTINAL PERMEABILITY IN CIRRHOSIS VARIES BY GUT SEGMENT
Patricia Bloom, MD, University of Michigan
- 36A USE OF URINARY ACIDIFYING AGENTS TO ENHANCE EXCRETION OF SYSTEMIC AMMONIA
Vishwaratn Asthana, MD, PhD, University of Michigan

- 37A EVALUATING RISK FACTORS FOR POOR BOWEL PREPARATION IN COLONOSCOPIES FOR CHRONIC DIARRHEA
Mahmoud M Mansour, MD, Univerity of Missouri Columbia
- 38A RELATIONSHIP BETWEEN MI AND CARCINOID SYNDROME: A NATIONAL INPATIENT SAMPLE ANALYSIS
Ratib Mahfouz, MD, Kent Hospital/Brown University
- 39A GASTROESOPHAGEAL REFLUX DISEASE IS ASSOCIATED WITH DECREASED MORTALITY RISK IN PATIENTS ADMITTED TO THE HOSPITAL WITH BRADYCARDIA OR ATRIOVENTRICULAR BLOCK: A NATIONWIDE ANALYSIS
Mohammad Darweesh, MD, East Tennessee State University
- 40A LACTOSE INTOLERANCE IS ASSOCIATED WITH A DECREASED RISK OF ACUTE CORONARY SYNDROME: A NATIONWIDE ANALYSIS
Fares Ghanem, MD, East Tennessee State University
- 41A OUTCOMES OF NON-VARICEAL UPPER GASTROINTESTINAL BLEEDING IN PATIENTS WITH CIRRHOSIS: A NATIONWIDE ANALYSIS
Mahmoud M Mansour, MD, Univerity of Missouri Columbia
- 42A USE OF FECAL ELASTASE TESTING IN SCREENING, DIAGNOSIS AND MANAGEMENT OF EXOCRINE PANCREATIC INSUFFICIENCY
Apaar Dadlani, MBBS, University of Louisville
- 43A REVIVIFY MODULATES HEALTHY GUT MICROBIOMES AND SHORT CHAIN FATTY ACIDS EVALUATED BY AN IN VITRO MODEL OF GUT MICROBIOME STUDY
A H M Z Ashraf, BS, M(ASCP), The University of Texas at Austin
- 44A LIPOXIN A4 IN OBESITY-ASSOCIATED TYPES OF GASTROINTESTINAL CANCERS.
Wojciech Blogowski, MD, PhD, Mayo Clinic and University of Zielona Gora
- 45A PENICILLIN ALLERGY IS ASSOCIATED WITH INCREASED RISK OF CLOSTRIDIODES DIFFICILE INFECTION: A NATIONWIDE ANALYSIS
Mohammad Darweesh, MD, East Tennessee State University
- 46A PREVALANCE OF GERD IN PATIENTS WITH OSA: A NATIONAL INPATIENT SAMPLE ANALYSIS
Ratib Mahfouz, MD, Kent Hospital/Brown University
- 47A INTRAABDOMINAL HYPERTENSION IS A POWERFUL PREDICTOR OF MORTALITY AND POOR CLINICAL OUTCOME IN PATIENTS ADMITTED WITH SEVERE ACUTE PANCREATITIS: META ANALYSIS
Mohammad Darweesh, MD, East Tennessee State University
- 48A THE ROLE OF POST TRANSLATIONAL MODIFICATION IN THE DEVELOPMENT AND/OR PROGRESSION OF INFLAMMATORY BOWEL DISEASE
Ananya Mitra, BS, BA, University of Nebraska Medical Center

Pediatrics

- 49A TRANSCRIPTOME-BASED DRUG REPURPOSING IN GROUP 3 MEDULLOBLASTOMA
David J Doss, Creighton University

50A IMPACT OF EXTUBATION TIME ON FEEDING OUTCOMES AFTER PEDIATRIC CARDIAC SURGERY
Jeffrey W Kepple, BS, Creighton University School of Medicine

Epidemiology / Health Outcomes / Quality Improvement / Bio-informatics

51A DECREASING THE USE OF AS-NEEDED ANTI-HYPERTENSIVES IN HOSPITALIZED ADULTS WITH ASYMPTOMATIC HYPERTENSION
Kirsten M Lipps, MD, University of Wisconsin Hospitals and Clinics

52A POLICING THE POLICE: PEER-TO-PEER HIGH COST ANTIBIOTICS STEWARDSHIP PROGRAM DIRECTED TOWARDS INFECTIOUS DISEASE SPECIALISTS
Aishwarya Sharma, BA, University of North Dakota

53A QUALITY IMPROVEMENT: PATIENT EDUCATION FOR MANAGEMENT OF HYPERTENSION IN PREGNANCY
Morgan E Cooley, BS, Wright State University Boonshoft School of Medicine

54A RACIAL DISCRIMINATION IN LATE ADOLESCENCE AND MENTAL HEALTH
Natalie Guerrero, MD, PhD, Texas Children's Hospital, Baylor College of Medicine

55A PHARMACY STUDENTS' ATTITUDE TOWARDS OPIOID ABUSE CRISIS
Noopur Walia, Rosalind Franklin University of Medicine & Science

56A FIELD OF SURGERY INCISION AND ENTRY TECHNIQUE ANALYSIS AMONG ORTHOPEDIC SURGEONS PERFORMING TOTAL KNEE ARTHROPLASTY
Fahad Qureshi, University of Missouri School of Medicine

57A A ZIP-CODE LEVEL ANALYSIS ON THE IMPACT OF ENVIRONMENTAL FACTORS AND POVERTY RATE ON PRESENTATION IN THE HEALTH CARE SETTING AMONG PATIENTS WITH SINONASAL CONDITIONS
Farhan M Salman, University of Illinois Chicago College of Medicine