December 9, 2020

Dear Colleagues,

We welcome you to the **2021 SRM meeting**. As you know, this will be a unique meeting as we will be using a completely virtual format. We have tried to be as innovative and creative as possible with the entire meeting. You will notice elements of each live content, as well as pre-recorded content.

We hope that you will take every advantage of the different formats to enjoy the meeting and - during live elements of the program, please participate as much as you are able - and be sure to visit the posters where you will find many presentations by authors.

Please note that due to us hosting the meeting in a virtual format, the meeting will take place in the **Eastern Time Zone**. All times shown in the program are reflective of this.

We are wishing that everyone remains safe this year.

Sincerely,

Don Rockey, SSCI President
Viranuj Sueblinvong, SAFMR President
Chris Pruitt, SSPR President
February 25–27, 2021

Meeting will be in Eastern Time and Conducted on a Zoom Platform

<table>
<thead>
<tr>
<th>TIME</th>
<th>ACTIVITY &amp; LOCATION</th>
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<tbody>
<tr>
<td><strong>THURSDAY, FEBRUARY 25, 2021</strong></td>
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</table>
| 9:30 am – 10:45 am | Adult Clinical Case Symposium Room 1  
Neonatal Case Report Symposium Room 2  
Pediatric Clinical Case Symposium Room 3 |
| 11:00 am – 12:30 pm | Cardiovascular Club Room 1 |
| 11:00 am – 12:00 pm | Moving Your Clinical Case Presentation into a Published Manuscript  
*Adult/Neonatal/Pediatric Case Reports join this session*  
**Objective:** Learn practical techniques to convert a clinical case presentation into a manuscript for submission to a journal  
**Description:** Attendees will learn about the different types of clinical case/case report manuscripts and how to convert a clinical case presentation into a manuscript ready for journal submission. One outstanding adult and outstanding pediatric clinical case have been chosen as examples, and the audience will get to follow each of the necessary steps between presentation and manuscript submission. The editor of the *Journal of Investigative Medicine–High Impact Case Reports* will give the lecture "Straight from the Editor: How to Make Your Clinical Case Manuscript Outstanding". The audience will also learn about different opportunities to publish their clinical cases/case reports to develop scholarly activity. This year, the editor of the *Journal of Investigative Medicine* will also give the lecture "Manuscript Submission Beyond Case Report Format".  
*All presenters in the adult and pediatric clinic case sessions will join this session upon conclusion of their clinical case session.* Room 2 |
| 12:15 pm – 1:00 pm | BREAK |
| 1:00 pm – 2:30 pm | Adolescent Medicine and Pediatrics Room 2  
Case Reports in Cardiovascular Medicine Room 1 |
<p>| 2:45 pm – 4:15 pm | Allergy, Immunology, Inflammation, and Rheumatology Room 1 |</p>
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<thead>
<tr>
<th>Time</th>
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<tr>
<td>4:30 pm – 6:30 pm</td>
<td>JOINT POSTER SESSION</td>
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<td>See page 39 for poster listing</td>
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<td>Room 1</td>
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<td>9:00 am – 10:30 am</td>
<td>Endocrinology and Metabolism</td>
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<td>Hematology and Oncology</td>
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<td>10:45 am – 12:15 pm</td>
<td>Gastroenterology, Nutrition &amp; Dietary Supplements</td>
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<td>Health Care Research, Quality Improvement &amp; Patient</td>
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<td>Safety, Population Health &amp; Precision Medicine</td>
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<td>12:15 pm – 1:00 pm</td>
<td>BREAK</td>
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<td>Cardiovascular</td>
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<td>Medical Education, Medical Ethics, Advocacy</td>
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<td>2:45 pm – 4:15 pm</td>
<td>Neurology and Neurobiology</td>
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<td>Perinatal Medicine</td>
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<td>4:30 pm – 6:00 pm</td>
<td>Pulmonary and Critical Care Medicine</td>
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<td>Joint Plenary Session</td>
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<td>Southern Society for Clinical Investigation</td>
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<td>Southern Society for Pediatric Research</td>
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<td>Academic Pediatric Association</td>
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<td><strong>2020 SARS-CoV-2 Pandemic - From Bench to Bedside and Beyond</strong></td>
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<td><strong>Preparing for tomorrow’s pandemics today: Virological and</strong></td>
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<td><strong>biological considerations</strong></td>
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<td>Timothy Sheahan, <em>Gillings School of Global Public Health, University of</em></td>
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<td><em>North Carolina</em></td>
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<td><strong>Multisystem Inflammatory Syndrome In Children.</strong></td>
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<td>Jane C. Burns, <em>University of California San Diego</em></td>
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<td><strong>Vaccine Development For SARS-COV 2.</strong></td>
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<td>Sonya Heath, <em>University of Alabama at Birmingham</em></td>
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Accreditation
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Tulane University Health Sciences Center and the Southern Regional Meeting. Tulane University Health Sciences Center is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Designation
Tulane University Health Sciences Center designates this live activity for a maximum of 16 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The Southern Regional Meeting and Tulane University Health Sciences Center present this activity for educational purposes only and do not endorse any product, content of presentation or exhibit. Participants are expected to utilize their own expertise and judgment while engaged in the practice of medicine. The content of the presentations is provided solely by presenters who have been selected because of their recognized expertise.

Overview
The Southern Regional Meeting provides the platform and forum for collaborative interdisciplinary research and clinical applications. Physicians and healthcare professionals will examine the most recent research findings in the medicine to determine and inform future research projects based on the analysis of the emerging research as well as to determine applications for clinical practice. The process of submission, presenting, defending and being open to collaborative interaction among peers is a very important part of training in academic medicine.

Statement of Need
Clinical investigation of medical disease states and phenomena requires a collaborative forum in which senior and junior investigators can share in new technologies, therapies, topics areas, and methods of professional development.

Goal
The purpose of the Southern Regional Meeting is to foster research among senior and young investigators and provide a forum in which this research can be successfully submitted, discussed, debated, and improved upon with respectful interactions between both peers and mentors. The Southern Regional Meeting brings together researchers, clinicians, and students to review the current research and its impact on the future of clinical investigation and medical care.

Educational Objectives
After participating in this educational activity, the participant should be better able to effectively:
• Discuss, compare, and contrast new developments in pathophysiology of human disease with colleagues.
• Identify trends in the developing guidelines, evidence-base, state of the art and new technologies in the specialties which may affect practice management and patient treatment decisions.
• Identify new areas of investigation to inform research and improve patient care.
• Translate current research trends into insights pertaining to new approaches to prevent, treat, and/or diagnose illnesses.
• Assess research trends as they relate to the mentoring process and collaboration with colleagues and junior investigators.

**Predicted Outcomes**

Predicted Changes in Practice as a result of this activity may include the improved ability to:
• Determine which strategies are appropriate for incorporation into clinical practice.
• Engage in the mentoring process for young investigators.
• Conduct a research assessment to determine if any of the strategies and trends could be incorporated and/or improved by further research and/or collaborative projects.
• Identify possible collaborators (mentor or mentee) for research advancement.

**Tulane Disclosure Policy**

It is the policy of the Center for Continuing Education at Tulane University Health Sciences Center to plan and implement all of its educational activities in accordance with the ACCME's Essential Areas and Policies to ensure balance, independence, objectivity and scientific rigor. In accordance with the ACCME’s Standards for Commercial Support, everyone who is in a position to control the content of an educational activity certified for **AMA PRA Category 1 Credit™** is required to disclose all financial relationships with any commercial interests within the past 12 months that creates a real or apparent conflict of interest. Individuals who do not disclose are disqualified from participating in a CME activity. Individuals with potential for influence or control of CME content include planners and planning committee members, authors, teachers, educational activity directors, educational partners, and others who participate, e.g. facilitators and moderators. This disclosure pertains to relationships with pharmaceutical companies, biomedical device manufacturers or biotech firms. Any real or apparent conflicts of interest must be resolved prior to the educational activity. Disclosure of off-label, experimental or investigational use of drugs or devices must also be made known to the audience.

A comprehensive DISCLOSURE List is available at the registration desk. The list includes all participating individuals who have:

- Financial relationships with a commercial interest (Any real or apparent conflicts of interest have been resolved prior to the educational activity).
- No financial relationships to disclose.
- Presentations that will involve comments or discussions concerning unapproved or off-label uses of a medical device or pharmaceuticals.

This CME Activity is designed to address components of the following competencies:

**ACGME/ABMS Competencies:** Patient Care and Procedural Skills, Medical Knowledge, Practice-based Learning and Improvement, Interpersonal and Communication Skills, Professionalism.

**Institute of Medicine Competencies:** Provide patient-centered care, Work in interdisciplinary teams, Employ evidence-based practice, Apply quality improvement.

**Interprofessional Education Collaborative Competencies:** Values/Ethics for Interprofessional Practice, Roles/Responsibilities, Interprofessional Communication, Teams and Teamwork.

The ACCME TASK FORCE ON CONTENT VALIDATION AND ELIGIBILITY FOR ACCREDITATION states that the validity of content be based on evidence that is sound and reasonable justification.

• All the recommendations involving clinical medicine in a CME activity must be based on evidence that is accepted within the profession of medicine as adequate justification for their indications and contraindications in the care of patients.
• All scientific research referred to, reported or used in CME in support or justification of a patient care recommendation must conform to the generally accepted standards of experimental design, data collection and analysis.

CREDIT / EVALUATION
You will be emailed a link from Tulane after the meeting. The link will allow you to provide your evaluation of this educational activity in addition to requesting *AMA PRA Category 1 Credits™* or a certificate of Participation.

The system will require you to use the same username and password that you created when you registered for the meeting. If you have forgotten your password, you can click “Forgot Password?” and the system will send you a temporary password.

Please contact Tulane CCE if you have any questions at cme@tulane.edu or 504-988-5466.
2021 Southern Regional Meeting
Award Recipients

AFMR Henry Christian Award
Mohammed Alsaggaf, Ochsner Health System, King Abdulaziz University
Arya Mariam Roy, University of Arkansas for Medical Sciences
Malinda Wu, Emory University School of Medicine, Children's Healthcare of Atlanta

Cardiovascular Case Report Award
Mostafa Abohelwa, Texas Tech University System
Marie Bulathsinghala, LSU Health Sciences Center
Mohamed El-Farra, University of California Riverside
William Kogler, University of Florida College of Medicine- Jacksonville
Mark Lewis, University of Mississippi Medical Center
Philip Sobash, White River Medical Center

Nathan Solomon & Irene Oransky-Solomon Award
Herman Odens, The University of Tennessee Health Science Center
Jacob Pruett, University of Mississippi Medical Center

SAFMR/SSCI Junior Faculty Research Award
Aleli Campbell, University of Texas El Paso
Antoine Chaanine, Tulane University School of Medicine
Yusuke Higashi, Tulane University School of Medicine
Alexander Philipovskiy, Texas Tech University Health Science Center
Manavjot Sidhu, Methodist Health System
Zanthia Wiley, Emory University School of Medicine, Emory Healthcare
Tadashi Yoshida, Tulane University

SAFMR/SSCI Student Research Award
Patrick Boddie, University of Mississippi Medical Center
Michael Craig, University of Tennessee Health Science Center
Edgard Cruz, University of Tennessee Health Science Center
Macy Cummins, University of Mississippi Medical Center
Fatima El-Ghazali, University of Washington
Ali Esmaeili, Ochsner Health System
Daniel Gottlieb, Tulane University
Marah Hamdan, Texas Tech University Health Sciences Center
Carl Haupt, Ochsner Health System
Vivian Jaber, Louisiana State University Health Sciences Center
John Paul Khouzam, University of Notre Dame College of Science
Alla Kozubenko, Fred Hutchinson Cancer Research Center, University of Washington
Xinyi Luo, The University of Queensland Ochsner Faculty of Medicine, Ochsner Health System
Matthew McMullan, University of Mississippi Medical Center
Khoa Nguyen, Tulane University School of Medicine
Emily Pemberton, Tulane University School of Medicine
Owen Richfield, Tulane University School of Science and Engineering
Namrata Shivaprakash, California University of Science and Medicine, Riverside University
    Health System
Patricia Snarski, Tulane University
Madilyn Tomaso, University of Alabama at Birmingham School of Medicine Huntsville
Aayush Visaria, Rutgers New Jersey Medical School
Joseph Walker, Ochsner Health System

SAFMR/SSCI Trainee Research Award

John Abdelmalek, Texas Tech University Health Sciences Center
Ashwin Ajith, Georgia Cancer Center
Felix Aponte Santos, Universidad de Puerto Rico Escuela de Medicina
Ryan Coultas, University of Florida Health Science Center Jacksonville
Mohamed Elmassry, Texas Tech University Health Sciences Center
Marcus Juan Esteban, Texas Tech University Health Sciences Center El Paso
Farshid Etaee, Texas Tech University Health Sciences Center
Gian Galura, Texas Tech University Health Sciences Center El Paso
Arsalan Hamid, University of Mississippi Medical Center
Usman Hasnie, University of Alabama at Birmingham
Randa Hazam, Texas Tech University Health Science Center
Nicholas Helmstetter, Louisiana State University Health Sciences Center
Naoki Iwanaga, Tulane University
Prarthana Jain, Medical University of South Carolina
M Ammar Kalas, Texas Tech University Health Sciences Center El Paso
Shoaib Khan, White River Medical Center
Radia Ksayer, Tulane University
Naji Maaliki, University of Florida Health at Jacksonville General Medicine
Jonathan Martinez, Hospital Municipio de San Juan
Miguel Maturana, University of Tennessee Health Science Center
Hemendra Mhadgut, East Tennessee State University
Sebastian Mikulic, University of Florida Health at Jacksonville
Arunee Motes, Texas Tech University Health Sciences Center
Kandasamy Neelamegam, Tulane University School of Medicine
Ina Nikolli, Tulane University
Alex Niu, Tulane University School of Medicine
Adebamike Oshunbade, University of Mississippi Medical Center
Jasmine Padgett, University of Mississippi Medical Center

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Khalid Pasha, Lenox Hill Hospital
Ronak Patel, Ochsner Health System
Ellen Petryna, University of Tennessee Health Science Center
Jennifer Pham, Ochsner Health System
Jennifer Prevot, Emory University School of Medicine
Khalid Sawalha, White River Health System
Layal Sayegh, Emory University School of Medicine
Tanya Sharma, University of Arkansas for Medical Sciences
Jessica Simon, Ochsner Health System
Juliana Sitta, University of Mississippi Medical Center
Alan Sun, Dwight David Eisenhower Army Medical Center
Saria Tasnim, Texas Tech University Health Science Center, Amarillo
Akesh Thomas, East Tennessee State University James H Quillen College of Medicine
Vipin Varghese, Ochsner Health System
Aditi Varma-Doyle, Louisiana State University Health Sciences Center
Myrian Vinan Vega, Texas Tech University Health Science Center

SSCI/SAFMR Presidential Poster of Distinction

Lorry Aitkens, Augusta University
Pablo Altieri, University of Puerto Rico Medical Sciences Campus
Ankur Aneja, Emory University School of Medicine
Martha Arrieta, University of South Alabama, USA HEALTH College of Medicine
Kelsey Baab, The University of Oklahoma School of Community Medicine
Brandon Bunch, Washington State University
Asra Butt, The University of Tennessee Health Science Center Memphis
Krisha Desai, Emory University School of Medicine
Austin Jones, Tulane University
Sayed Reshad Ghafouri, Texas Tech University Health Sciences Center
Sally McClung, University of Mississippi Medical Center
Hemanth Nannapaneni, University of Mississippi Medical Center
Saithiriharan Nedunchezhian, Tulane University School of Medicine
Hao Nguyen, Methodist Health System
Joel Raja, University of Tennessee Health Science Center
Sanjana Rao, Texas Tech University System
Shanna Rolfs, University of Oklahoma
Esha Singhal, Texas Tech University System

SSCI Nephrology Young Investigator Scholar Award

Faisal Abdulameer, University of Tennessee Health Science Center
Masood Ahmad, University of Alabama
Ivan Claudio-Gonzalez, Emory University School of Medicine
Ana Paula Leite, Tulane University School of Medicine
Sitarama Arvind Varma Mudunuru, Emory University
Arun Rajasekaran, University of Alabama at Birmingham
Terrance Wickman, Ochsner Health System
SSCI Young Investigator Award
Cesar Hernandez-Arroyo, Ochsner Clinic Foundation
Barbara Mantilla, Texas Tech University
Aldo Torres-Ortiz, Ochsner Medical Center
Yuang Wen, Ochsner Health System

SSCI Young Investigator Award for General Internal Medicine
Thomas E. Strayer III, Vanderbilt University Medical Center

SSPR Basic Science Young Investigator Award Finalists
Faeq Al-Mudares, Baylor College of Medicine
Nilesh Dankhara, University of Mississippi
Ahmed Elsaie, Baylor College of Medicine

SSPR Clinical Science Young Investigator Award Finalists
Edward Florez, University of Mississippi Medical Center
Joan Lien, University of Tennessee Health Science Center
Elizabeth Sewell, Emory University School of Medicine, Children's Healthcare of Atlanta
Egleston Hospital
ADULT CLINICAL SYMPOSIUM  
Jointly sponsored by  
SOUTHERN SOCIETY FOR CLINICAL INVESTIGATION  
SOUTHERN SECTION – AMERICAN FEDERATION FOR MEDICAL RESEARCH  
SOUTHERN SOCIETY FOR PEDIATRIC RESEARCH  
ACADEMIC PEDIATRIC ASSOCIATION  
THURSDAY, FEBRUARY 25, 2021  
9:30 AM – 10:45 AM  
Room 1

Don Rockey and Viranuj Sueblinvong, Presiding

9:30 RECALCITRANT IRON DEFICIENCY ANEMIA AND NEUROPATHY AS A FACADE OF COPPER DEFICIENCY.  
N Maaliki, AA Ali and MB Omar, Jacksonville, FL. University of Florida Health at Jacksonville General Medicine  
Abstract 1

9:42 RAPIDLY FATAL AUTOIMMUNE HEMOLYTIC ANEMIA SECONDARY TO COVID-19.  
DW McGregor, G Nelson and C Bergolt, Auburn, AL; Opelika, AL. VCOM-Auburn  
Abstract 2

9:54 COVID ENCEPHALOPATHY WITH SEIZURES: NOT A NO-BRAINER.  
G Dharmarpandi, F Etaee, J Dharmarpandi, A Akhter and K Shepherd, Amarillo, TX. Texas Tech University Health Sciences Center  
Abstract 3

10:06 A CURIOUS CASE OF CAISSON DISEASE.  
FA Aponte Santos, N Rassi Stella, NL Rabelo-Pagan, JC Rodriguez Agramonte and RM Marrero Fernandez, Guaynabo, Puerto Rico. Universidad de Puerto Rico Escuela de Medicina (SAFMR/SSCI Trainee Research Award Winner)  
Abstract 4

10:18 DEEP VEIN THROMBOSIS WITHOUT LABORATORY ABNORMALITIES AS PRESENTING SYMPTOM FOR POLYCYTHEMIA VERA.  
C Kordsmeier and M Kleinman, Memphis, TN. The University of Tennessee Health Science Center College of Medicine  
Abstract 5

10:30 A PAIN IN THE NECK: AN UNUSUAL PRESENTATION OF A RETROPHARYNGEAL ABSCESSE COMPLICATED BY MEDIASTINITIS AND INTERNAL JUGULAR VEIN THROMBOSIS.  
ME Tomaso and P Yedla, Huntsville, AL. The University of Alabama at Birmingham School of Medicine Huntsville (SAFMR/SSCI Student Research Award Winner)  
Abstract 6

10:42 QUESTION ANSWER
NEONATAL CASE REPORTS
Jointly sponsored by
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SOUTHERN SOCIETY FOR PEDIATRIC RESEARCH
ACADEMIC PEDIATRIC ASSOCIATION
THURSDAY, FEBRUARY 25, 2021
9:30 AM – 10:45 AM
Room 2

Marcella R. Houser and Christine San Giovanni, Presiding

9:30  HEMOLYSIS IN A PRETERM NEWBORN BORN TO A MOTHER WITH HISTORY OF SARS-COV-2 INFECTION.
EC Itriago, K Lingappan and D Dinu, Houston, TX. Baylor College of Medicine

9:42  MYOCARDIAL INFARCTION IN A NEONATE EXPOSED TO SEvere perinatal asphyxia.
C Manjunath, S Liu, E Manci, R Bhat and K Dolma, Mobile, AL. University of South Alabama

9:54  CAN BRONCHOSCOPY BE AVOIDED IN THE DIAGNOSIS OF CONGENITAL BRONCHOBILIARY FISTULA?
AD Haase, L Barr, T Hampton, J Papic and G Truong, Pensacola, FL. University of Florida

10:06  UTILITY OF ECMO IN NEONATES WITH HYPOXIC-ISCHEMIC ENCEPHALOPATHY RECEIVING THERAPEUTIC HYPOTHERMIA: A CASE SERIES.
B Johnson, L Hannah, A Ruiz-Elizalde and A Makkar, Oklahoma City, OK. The University of Oklahoma Health Sciences Center

10:18  PULMONARY HEMORRHAGE: AN UNUSUAL LIFE-THREATING PRESENTATION OF FACTOR IX DEFICIENCY IN A MONOZYGOTIC-DIAMNIOTIC PREMATURE TWIN NEONATE.
LM Pace, A Lee, S Nath and NJ Alviedo, Jacksonville, FL. University of Florida – Jacksonville

10:30  RARE PRESENTATION OF INTESTINAL PERFORATION RELATED TO AN OMPHALOMESISENTERIC DUCT IN A PRETERM INFANT.
BR Hadfield, C Leal, J Doski, M Odom and J Ritter, San Antonio, TX. The University of
10:42 QUESTION ANSWER

Presenters are required to attend the "Moving your Clinical Case Presentation into a Published Manuscript" Workshop immediately follows this session.

PEDIATRIC CLINICAL SYMPOSIUM

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SOUTHERN SOCIETY FOR PEDIATRIC RESEARCH
ACADEMIC PEDIATRIC ASSOCIATION
THURSDAY, FEBRUARY 25, 2021
9:30 AM – 10:45 AM
Room 3

Ana Monterrey and Rita Nathawad, Presiding

9:30 ADVANCED SURVIVAL IN COMPLETE TRISOMY 13.
B Wright and M Kleinman, Memphis, TN. The University of Tennessee Health Science Center College of Medicine

9:42 AN INTERESTING CASE OF CHRONIC RECURRENT MULTIFOCAL OSTEOMYELITIS (CRMO).
M Patel, S Hari Gopal, Z Choudhury and R Nelson, Chattanooga, TN; Memphis, TN. University of Tennessee College of Medicine at Chattanooga

9:54 AN UNWANTED SOUVENIR.
C Joseph, N Evans, E Klepper, M Bolton and PC Guillory, New Roads, LA. Our Lady of the Lake Regional Medical Center

10:06 A CASE OF MYCOPLASMA-ASSOCIATED ANTI-N-METHYL-D-ASPARTATE RECEPTOR ENCEPHALITIS.
E Larsen and R Thukaram, Tulsa, OK. University of Oklahoma School of Community Medicine

10:18 DON'T BE SALTY, IT'S JUST A UTI.
E Mertens, C Irwin and E Dobish, Memphis, TN. The University of Tennessee Health Science Center College of Medicine

10:30 MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN PRESENTING AS ACUTE ACALCULOUS CHOLECYSTITIS.
AM Larsen, KS Baab, L Bode, RP Barton and K Martin, Tulsa, OK. The University of Oklahoma School of Community Medicine
Abstract 18

10:42 QUESTION ANSWER

Presenters are required to attend the "Moving your Clinical Case Presentation into a Published Manuscript" Workshop that immediately follows this session.

CARDIOVASCULAR CLUB

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SOUTHERN SOCIETY FOR CLINICAL INVESTIGATION
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ACADEMIC PEDIATRIC ASSOCIATION

THURSDAY, FEBRUARY 25, 2021
11:00 AM – 12:30 PM
Room 1

Jacob Joseph and James “Daryl” Pollard, Presiding

11:00 REVERSION-INDUCING CYSTEINE-RICH PROTEIN WITH KAZAL MOTIFS POSITIVELY REGULATES MACROPHAGE EFFEROCYTOSIS.
Y Higashi, S Danchuk, P Delafontaine and C Bysani, New Orleans, LA; Columbia, MO. Tulane University School of Medicine (SAFMR/SSCI Junior Faculty Research Award Winner)

11:10 CRISPR/CAS9 GENE EDITING APPLICATIONS IN CARDIOVASCULAR DISEASE.
J Khouzam, R Khouzam and V Tivakaran, Dayton, OH; Knoxville, TN. University of Notre Dame College of Science (SAFMR/SSCI Student Research Award Winner)

11:20 THE CLINICAL ROLE OF SUPERCONDUCTION AND ENTANGLEMENT WITH THE QUANTUM STATE IN PAIRED ISOLATED HEART MYOCITES-RELATED TO HEART FUNCTION.
P Altieri, W De Mello, N Escobales and HL Banchs, San Juan, ; San Juan, Puerto Rico. University of Puerto Rico Medical Sciences Campus Cardiovascular Center of Puerto Rico and the Caribbean

11:30 MACROPHAGE SPECIFIC IGF-1 DOWNREGULATES CXCL12 CHEMOKINE AND DECREASES ATHEROSCLEROTIC BURDEN IN APOE-NULL MICE.
P Snarski, S Sukhanov, T Yoshida, Y Higashi, S Danchuk, S Shai, C Bysani and P Delafontaine, New Orleans, LA; Columbia, MO. Tulane University (SAFMR/SSCI Student Research Award Winner)
11:40 IMPACT OF OBESITY ON PATIENTS WITH ADULT CONGENITAL HEART DISEASE.
PP Boddie and MR McMullan, Jackson, MS. University of Mississippi Medical Center (SAFMR/SSCI Student Research Award Winner)

Abstract 23

11:50 AT THE HEART OF THE GAME: ARE DIE-HARD SPORTS FANS AT RISK OF CARDIAC EVENTS?
M Maturana, EA Glover, J Raja, S Dornbush, J Alexander, C Blount, N Khouzam, A Khouzam and RN Khouzam, Memphis, TN. University of Tennessee Health Science Center (SAFMR/SSCI Trainee Research Award Winner)

Abstract 24

12:00 QUESTION AND ANSWERS

MOVING YOUR CLINICAL CASE PRESENTATION INTO A PUBLISHED MANUSCRIPT

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SOUTHERN SECTION – AMERICAN FEDERATION FOR MEDICAL RESEARCH
SOUTHERN SOCIETY FOR PEDIATRIC RESEARCH
ACADEMIC PEDIATRIC ASSOCIATION
THURSDAY, FEBRUARY 25, 2021
11:00 AM – 12:00 PM
Room 2

Marcella Houser and Viranuj Sueblinvong, Presiding

11:00 WELCOME - Marcella Houser and Viranuj Sueblinvong

11:05 STRAIGHT FROM THE EDITOR: HOW TO MAKE YOUR CLINICAL CASE MANUSCRIPT OUTSTANDING.
Michael J. McPhaul, Editor, Journal of Investigative Medicine - High Impact Case Reports

11:20 MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN OR INCOMPLETE KAWASAKI?
RA Salazar, RD Smalligan and S Battle, Huntsville, AL. UAB-Huntsville

Abstract 25

11:27 PEDIATRIC CASE DISCUSSION – Marcella Houser

G Willhelm, E Alshaikh and P Yedla, Gurley, AL; Huntsville, AL. The University of Alabama at Birmingham

Abstract 26

11:41 ADULT CASE DISCUSSION – Viranuj Sueblinvong

11:48 MANUSCRIPT SUBMISSION BEYOND CASE REPORT FORMAT.
Richard McCallum, Editor, Journal of Investigative Medicine

11:53 QUESTION AND ANSWERS
Rita Nathawad and Ana Monterrey, Presiding

1:00 SOCIAL MEDIA AND GAMING USE NEGATIVELY IMPACTS YOUTH SCHOOL PERFORMANCE.
A Yoders, SA Ray, D Wood, M Quinn and K Phalen, Johnson City, TN. East Tennessee State University
Abstract 27

1:10 PROMOTING LITERACY AMONG INFANTS 0-6 MONTHS IN PRIMARY CARE CLINICS.
S Rolader, A Caldwell, M Dunlap and C Garbe, Oklahoma City, OK. Oklahoma University Health and Sciences Center
Abstract 28

1:20 EVALUATION OF A STANDARDIZED PATHWAY FOR TREATMENT OF PATIENTS WITH DIABETIC KETOACIDOSIS IN A PEDIATRIC EMERGENCY DEPARTMENT.
NP Shah, C Campbell, P Garlington, J Atchison and L Nassetta, Birmingham, AL.
University of Alabama at Birmingham
Abstract 29

1:30 PEDIATRIC FIREARM INJURY IN MS.
LW Benton, E Landry and C Henderson, Jackson, MS; Jackson, MS. University of Mississippi School of Medicine
Abstract 30

E Jorge, NP Shah, A Haque, D Atherton, R Russell and K Monroe, Birmingham, AL.
University of Alabama Birmingham
Abstract 31

1:50 INTRANASAL VERSUS INTRAVENOUS KETAMINE FOR PROCEDURAL SEDATION IN CHILDREN WITH NON-OPERATIVE FRACTURES.
J Statler, NP Shah, HH Cunningham, ER Kaplan, C Vong do Rosario and J Barber, Birmingham, AL. University of Alabama at Birmingham
Abstract 32

2:00 QUESTION AND ANSWERS
CASE REPORTS IN CARDIOVASCULAR MEDICINE

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THURSDAY, FEBRUARY 25, 2021
1:00 PM – 2:30 PM
Room 1

Michael E. Hall and Fadi G. Hage, Presiding

1:00  AN UNEXPLAINABLE CASE OF CARDIOMYOPATHY AFTER COVID LIKE SYMPTOMS.
P Sobash, S Wang, C Jeukeng, K Vedala and R Kamoga, Batesville, AR. White River Medical Center (Cardiovascular Case Report Award Winner) (SSGIM)

Abstract 33

1:10  CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION IN THE SETTING OF ESSENTIAL THROMBOCYTHEMIA.
MB Lewis, D Busby, J Blossom, C Moore and D Clark, Jackson, MS. University of Mississippi Medical Center (Cardiovascular Case Report Award Winner)

Abstract 34

1:20  A CASE OF REFRACTORY CARDIOGENIC SHOCK CAUSED BY ZINC PHOSPHIDE TOXICITY.
M Abohelwa, J Abdelmalek, T Dixon, G Del Rio-Pertuz, E Elgwairi and K Nugent, Lubbock, TX. Texas Tech University System (Cardiovascular Case Report Award Winner)

Abstract 35

1:30  CARDIAC TAMPOONADE SECONDARY TO COVID-19.
W Kogler, MB Omar, F Kandah and J Ruiz, Jacksonville, FL. University of Florida College of Medicine- Jacksonville (Cardiovascular Case Report Award Winner)

Abstract 36

1:40  TREATMENT OF CHYLOTHORAX FOLLOWING CORONARY ARTERY BYPASS GRAFTING WITH THORACIC DUCT EMBOLIZATION.
MH El-Farra, N Pham, J Smith, M Kajitani and N Hasaniya, Riverside, CA; San Bernardino, CA; Loma Linda, CA. University of California Riverside (Cardiovascular Case Report Award Winner)

Abstract 37

1:50  A CASE OF COVID-19 ASSOCIATED MULTISYSTEM INFLAMMATORY SYNDROME RESULTING IN NEW ONSET HEART FAILURE IN AN ADULT.
M Bulathsinghala and R Samson, New Orleans, LA. LSU Health Sciences Center (Cardiovascular Case Report Award Winner)

Abstract 38

2:00  QUESTION AND ANSWERS
2:45 SUBUNIT VACCINATION ELICITED LUNG TRM CELLS TO FACILITATE SEROTYPE INDEPENDENT IMMUNITY AGAINST K. PNEUMONIAE. 
N Iwanaga and J Kolls, New Orleans, LA. Tulane University (SAFMR/SSCI Trainee Research Award Winner)

Abstract 39

2:55 THE SUPPRESSION OF COLLAGEN INDUCED ARTHRITIS USING COLLAGEN WITH POST-TRANSLATIONAL MODIFICATIONS. 
HH Odens, V Woo-Rasberry, A Kang and L Myers, Memphis, TN. The University of Tennessee Health Science Center College of Medicine (Nathan Solomon & Irene Oransky-Solomon Award)

Abstract 40

3:05 NOVEL HUMANIZED MOUSE MODEL FOR DONOR SELECTION IN ORGAN TRANSPLANTATION. 
A Ajith, D Horuzsko, R Kapoor, L Mulloy and A Horuzsko, Augusta, GA; Moultrie, GA. Georgia Cancer Center (SAFMR/SSCI Trainee Research Award Winner)

Abstract 41

3:15 T FOLLICULAR HELPER CELLS ARE INVOLVED IN OBESITY-ASSOCIATED AUTOIMMUNITY IN LUPUS-PRONE MICE. 

Abstract 42

3:25 LUPUS NEPHRITIS, OTHER CLINICAL FEATURES AND THEIR ASSOCIATION WITH ANTIPHOSPHOLIPID ANTIBODY POSITIVITY IN PATIENTS WITH LUPUS. 
PP Jain, D Kamen and J Oates, Charleston, SC. Medical University of South Carolina (SAFMR/SSCI Trainee Research Award Winner)

Abstract 43

3:35 ANTI-PSEUDOMONAS ANTIBODIES AND LUNG DISEASE IN CYSTIC FIBROSIS. 
S Lu and J Kolls, New Orleans, LA. Tulane University

Abstract 44

3:45 QUESTION AND ANSWERS
2:45  VARIATION IN HOSPITALIST-SPECIFIC ANTIBIOTIC PRESCRIBING AT 4 HOSPITALS: A NOVEL TOOL FOR ANTIBIOTIC STEWARDSHIP.  
Z Wiley, J Kubes, KA Jones, J Jacob, M Sexton, S Suchindran, R Dantes and S Fridkin, Atlanta, GA. Emory University School of Medicine Emory Healthcare (SAFMR/SSCI Junior Faculty Research Award Winner)  
Abstract 45

2:55  MANAGEMENT AND OUTCOMES OF NUCLEIC ACID AMPLIFICATION TEST POSITIVE/TOXIN NEGATIVE CLOSTRIDIODES DIFFICILE PATIENTS IN A SINGLE CENTER.  
AP Sun and I Chirca, Augusta, GA. Dwight David Eisenhower Army Medical Center (SAFMR/SSCI Trainee Research Award Winner)  
Abstract 46

3:05  COVID-19 IN KIDNEY TRANSPLANT RECIPIENTS: EXPERIENCE FROM A LARGE HEALTH SYSTEM IN LOUISIANA.  
A Torres-Ortiz, J Walker, J Velez and J Garces, New Orleans, LA; Herston, Australia. Ochsner Medical Center - New Orleans  
Abstract 47

3:15  NONTUBERCULOUS MYCOBACTERIAL INFECTIONS IN END-STAGE RENAL DISEASE PATIENTS: PREVALENCE, RISK FACTORS, AND MORTALITY.  
E Toth, S Tran, J Waller, W Bollag, AA Mohammed, B Siddiqui, M Kheda and SL Baer, Augusta, GA. Augusta University  
Abstract 48

3:25  CORD BLOOD FOR THE ASSESSMENT OF EARLY ONSET SEPSIS IN PRETERM NEWBORNS.  
SM Lerma Narvaez, Cypress, TX. University of Texas Medical Branch  
Abstract 49

3:35  IS THE REPORTED ASSOCIATION OF PARENTERAL DIARRHEA AND PEDIATRIC URINARY TRACT INFECTIONS A MEDICAL MYTH?  
C Murray, L Mellick and S Kalra, Mobile, AL. University of South Alabama Children's and Women’s Hospital  
Abstract 50

3:45  QUESTION AND ANSWERS
9:00 MUSCLE MITOCHONDRIAL FUNCTION ANALYSIS IN ADULTS WITH TYPE 1 DIABETES.
D Gottlieb, J Reusch, K Nadeau, K Tommerdahl, L Abushamat, JE Regensteiner, M Cee-Green and I Schauer, Denver, CO; New Orleans, LA. Tulane University SOM University of Colorado Denver (SAFMR/SSCI Student Research Award Winner)

9:10 ESTROGEN SUPPLEMENTATION IS ASSOCIATED WITH HIGHER QUALITY OF LIFE SCORES IN WOMEN WITH CYSTIC FIBROSIS.
M Wu, N Arora, V Sueblinvong, WR Hunt and V Tangpricha, Atlanta, GA. Emory University School of Medicine Children’s Healthcare of Atlanta (AFMR Henry Christian Award)

9:20 SODIUM-GLUCOSE COTRANSPORTER 2 INHIBITION ATTENUATES THE INTRARENAL RENIN-ANGIOTENSIN SYSTEM IN A RAT MODEL OF POLYCYSTIC OVARY SYNDROME.
J Pruett, S Everman, ED Torres Fernandez, D Romero and L Yanes Cardozo, Jackson, MS; Austin, TX. University of Mississippi Medical Center (Nathan Solomon & Irene Oransky-Solomon Award)

9:30 ALTERATIONS IN THE MOLECULAR PATHWAYS INVOLVED IN THE EXPRESSION OF HYALURONAN IN HUMAN PANCREATIC ISLETS.
EA Cruz, N Lenchik and I Gerling, Memphis, TN. The University of Tennessee Health Science Center College of Medicine (SAFMR/SSCI Student Research Award Winner)

9:40 MICRORNA-21 OVEREXPRESSION AMELIORATES CARDIOMETABOLIC OUTCOMES IN A MOUSE MODEL OF POLYCYSTIC OVARY SYNDROME.
M Cummins, A Huffman, S Rezq, J Basnet, M Syed, J Reckelhoff, L Yanes Cardozo and D Romero, Jackson, MS. University of Mississippi Medical Center (SAFMR/SSCI Student Research Award Winner)

9:50 A NOVEL DIABETES SCREENING: AUDIO CLASSIFICATION USING DEEP LEARNING (PILOT STUDY).
P Suppakitjanusant, ZH Aung, B Ongphiphadhanakul and V Tangpricha, Bangkok,
10:00 **State-of-the-Art Speaker**

**CIRCADIAN TIMING IN OBESITY AND DIABETES.**

*Joseph T. Bass, Northwestern Medicine, Feinberg School of Medicine*

10:20 QUESTION AND ANSWERS

HEMATOLOGY AND ONCOLOGY

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FRIDAY, FEBRUARY 26, 2021
9:00 AM – 10:30 AM
Room 2

*Robert T. Means, Presiding*

9:00 **EFFECTS OF EXTRACELLULAR MICRORNA ON THE TUMORIGENESIS OF COLORECTAL CANCER USING ORTHOTOPIC XENOGRAFT MOUSE MODEL.**


Abstract 56

9:10 **NANOPARTICLE-BASED STIMULATION OF HUMAN CD8+ T CELLS AND THEIR USE IN A PATIENT-DERIVED ORTHOTOPIC MOUSE MODEL.**

*C Haupt, X Zhang, G Maresh, L Baste, N Mathew, A Bhattarai, D Margolin and L Li, New Orleans, LA. Ochsner Health System (SAFMR/SSCI Student Research Award Winner)*

Abstract 57

9:20 **THE GENE EXPRESSION PROFILE OF TRIPLE-NEGATIVE BREAST CANCER AFTER NEOADJUVANT CHEMOTHERAPY.**

*A Philippovskiy, S Gaur, K Chambers, R Gamez, R McCallum, R Kirken, R Aguilera and S Roy, El Paso, TX. Texas Tech University Health Science Center (SAFMR/SSCI Junior Faculty Research Award Winner)*

Abstract 58

9:30 **HIGH FALSE NEGATIVE RATE AND HIGH MORTALITY: COVID-19 INFECTION IN PATIENTS WITH HEMATOLOGICAL MALIGNANCIES.**

*State-of-the-Art Speaker*

**CIRCADIAN TIMING IN OBESITY AND DIABETES.**

*Joseph T. Bass, Northwestern Medicine, Feinberg School of Medicine*
9:40 GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE PREVENTS DELETERIOUS EFFECTS OF ANTI-TUMOR DRUG ETOPOSIDE ON VASCULAR SMOOTH MUSCLE CELLS.
I Nikolli, P Delafozaine and S Sukhanov, New Orleans, LA. Tulane University (SAFMR/SSCI Trainee Research Award Winner)  

9:50 IDENTIFICATION AND CHARACTERIZATION OF DESMOPLASTIC SMALL ROUND CELL TUMOR CANCER STEM CELLS.
JW Magrath, A Hartono and S Lee, New Orleans, LA. Tulane University School of Medicine (SAFMR/SSCI Trainee Research Award Winner)  

10:00 QUESTION AND ANSWERS

GASTROENTEROLOGY, NUTRITION & DIETARY SUPPLEMENTS

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FRIDAY, FEBRUARY 26, 2021
10:45 AM – 12:15 PM
Room 1

Adam Edwards and Amy Hair, Presiding

10:45 INTERACTIONS BETWEEN BODY COMPOSITION AND PREDICTORS OF CIRRHOSIS IN PATIENTS WITH NON-ALCOHOLIC FATTY LIVER DISEASE.
J Sitta, E Florez, B Obert, J Reese, J Stork, E Varney and CM Howard, Jackson, MS. University of Mississippi Medical Center (SAFMR/SSCI Trainee Research Award Winner)  

10:55 THE RECOGNITION OF A NEW PATTERN OF GASTRIC EMPTYING IN SYMPTOMATIC PATIENTS.
GM Galura, J Diaz and R McCallum, El Paso, TX. Texas Tech University Health Sciences Center El Paso (SAFMR/SSCI Trainee Research Award Winner)  

11:05 IMPACT OF SURFACTANT PROTEIN-A ON IMMUNOMODULATORY PROPERTIES OF HUMAN AND MURINE BREAST MILK.
CM Meyer and JL Alcorn, Houston, TX. The University of Texas Health Science Center at Houston John P and Katherine G McGovern Medical School
11:15 EVALUATION OF DYSPHAGIA IN CHILDREN: A SINGLE CENTER EXPERIENCE.
AE Quantrille, T Benes, R Patel, J Winer, E McCoy and K Ferguson-Paul, Memphis, TN. The University of Tennessee Health Science Center College of Medicine

11:25 IMPROVING THE RATE OF NONSELECTIVE BETA-BLOCKER THERAPY IN VETERANS DIAGNOSED WITH ESOPHAGEAL VARICES.
EM Petryna and B Waters, Memphis, TN. University of Tennessee Health Science Center (SAFMR/SSCI Trainee Research Award Winner)

11:35 PRIMARY FETAL NON-HUMAN PRIMATE ORGANOID MODELS FOR INTESTINAL DEVELOPMENT AND INFLAMMATION.
KY Burge, J Eckert, J Papin, DN Reuter, D Myers and H Chaaban, Oklahoma City, OK. University of Oklahoma Health Sciences Center

11:45 QUESTION AND ANSWERS

HEALTH CARE RESEARCH, QUALITY IMPROVEMENT & PATIENT SAFETY, POPULATION HEALTH & PRECISION MEDICINE

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FRIDAY, FEBRUARY 26, 2021
10:45 AM – 12:15 PM
Room 2

Marcella R. Houser and Claire MacGeorge, Presiding

10:45 DO WE KNOW THE DOSE OF DIURETICS REQUIRED FOR BRONCHOPULMONARY DYSPLASIA IN PRETERM INFANTS?
S Osman, S Munir, J Burdine and S Jain, Galveston, TX. The University of Texas Medical Branch at Galveston

10:55 A QI PROJECT TO STANDARDIZE MANAGEMENT OF GASTROSCHISIS IN THE NICU.
L Dalal, KM Kuehn, MG Johnson, C Domonoske, M Grant, M Austin, M Chang and C Aneji, Houston, TX. The University of Texas Health Science Center at Houston John P and Katherine G McGovern Medical School
11:05 WELL CHILD CARE IS AFFECTED BY INTRAUTERINE SUBSTANCE EXPOSURE.  
C Suiter, M Woods and DS Shah, Johnson City, TN. East Tennessee State University James H Quillen College of Medicine

11:15 LETHAL MEANS ASSESSMENT: RESIDENT INITIATIVE TO IMPROVE SCREENING FOR ACCESS TO FIREARMS IN A PEDIATRIC EMERGENCY DEPARTMENT.  
CL Stegall, J Ayala, K Allen, K Barton and A Kumar-Veerawamy, Charleston, SC. Medical University of South Carolina

11:25 IMPACT OF TELEHEALTH VISIT AND SOCIOECONOMIC STATUS ON HYDROXYUREA RESPONSE IN SICKLE CELL ANEMIA.  
S Shaner, S Bhatia and J Lebensburger, Birmingham, AL. The University of Alabama at Birmingham School of Medicine

11:35 DISCREPANT FIB-4 AND NFS SCORES IN A PRIMARY CARE NAFLD COHORT.  
A Schreiner, S Livingston, J Marsden, J Zhang, M Gebregziabher, V Durkalski-Mauldin, D Koch, P Mauldin, D Rockey and W Moran, Charleston, SC. Medical University of South Carolina

11:45 QUESTION AND ANSWERS

CARDIOVASCULAR I

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FRIDAY, FEBRUARY 26, 2021  
1:00 PM – 2:30 PM  
Room 1

Patrice Delafontaine and Rami Khouzam, Presiding

1:00 PREDICTORS OF MAJOR ADVERSE CARDIOVASCULAR OUTCOMES IN SARS-COV-2 PATIENTS ADMITTED TO A QUARTERNERY HEALTHCARE SYSTEM SERVING SOUTHWEST US.  
M Sidhu, Dallas, TX. Methodist Health System (SAFMR/SSCI Junior Faculty Research
CARDIAC PREOPERATIVE ASSESSMENT OF VASCULAR SURGERY PATIENTS.
K Pasha, E Levine, E Schultz, A Menon and N Coplan, New York, NY. Lenox Hill Hospital (SAFMR/SSCI Trainee Research Award Winner)

ASSESSMENT OF THE CORRELATION BETWEEN CAROTID ARTERY MEAN INTIMA-MEDIA THICKNESS AND BRAIN NATRIURETIC PEPTIDE IN PATIENTS WITH PSORIASIS.
F Etaee, M Shahidi-Dadras, N Niknejad, F Rajabi, H Haghighat Khah, N Niknejad, S Younespour and T Naguib, Amarillo, TX; Tehran, Iran (the Islamic Republic of). Texas Tech University Health Sciences Center (SAFMR/SSCI Trainee Research Award Winner)

PROGNOSTIC VALUE OF SILENT MYOCARDIAL INFARCTION IN PATIENTS WITH CHRONIC KIDNEY DISEASE STATUS POST KIDNEY TRANSPLANTATION.
J Santana, H Doppalapudi, CW Ives, D Rizk, V Kumar, AE Iskandrian and FG Hage, Birmingham, AL. University of Alabama at Birmingham (SAFMR/SSCI Student Research Award Winner)

THE IMPACT OF PSYCHIATRIC COMORBIDITIES ON THE OUTCOMES OF CONGESTIVE HEART FAILURE.
T Sharma, K Vellanki, A Goel and JL Mehta, Little Rock, AR. University of Arkansas for Medical Sciences (SAFMR/SSCI Trainee Research Award Winner)

IMPACT OF DIABETES AND HYPERTENSION ON LEFT VENTRICULAR STRUCTURE AND FUNCTION IN AFRICAN AMERICANS: THE JACKSON HEART STUDY.
A Hamid, W Yimer, AA Oshunbade, D Kamimura, D Clark, ER Fox, P Munter, D Shimbo, A Pandey, A Shah, Y Min, R Mentz, D Jones, A Bertoni, JE Hall, A Correa, J Butler and ME Hall, Jackson, MS; Yokohama, Japan; Birmingham, AL; New York, NY; Dallas, TX; Boston, MA; Durham, NC; Winston-Salem, NC. University of Mississippi Medical Center (SAFMR/SSCI Trainee Research Award Winner)

QUESTION AND ANSWERS
Caroline Abercrombie and Alexandria Caldwell, Presiding

1:00  PREDICTIVE FACTORS FOR SPECIALIZING IN MEDICINE.
  J Lamar, Huntsville, AL. The University of Alabama at Birmingham School of Medicine
  Abstract 81

1:10  COVID-19 EFFECTS ON MENTAL HEALTH AND WELL-BEING OF TULANE UNIVERSITY SCHOOL OF MEDICINE STUDENTS.
  TM Tran, W Provosty, Y Fang, K Weissbecker and M Myint, New Orleans, LA. Tulane University School of Medicine
  Abstract 82

1:20  IMPACT OF AN EARLY LITERACY VOLUNTEER PROGRAM ON MEDICAL STUDENT CLINICAL EXPERIENCE.
  C Nguyen, KE Gerth, A Caldwell and M Dunlap, Oklahoma City, OK. The University of Oklahoma Health Sciences Center
  Abstract 83

1:30  EVALUATION OF A PEDIATRIC RESIDENCY HUMANITIES ELECTIVE.
  KE Gerth and C Hester, Oklahoma City, OK. The University of Oklahoma Health Sciences Center
  Abstract 84

1:40  IMPLEMENTATION OF A NOVEL LEADERSHIP SKILLS CURRICULUM FOR SENIOR PEDIATRIC RESIDENTS.
  D Mai, P Mullan, P Farrell, H Newton and R Kapoor, Norfolk, VA; Cincinnati, OH. Eastern Virginia Medical School
  Abstract 85

1:50  PEDIATRIC PROVIDER PRACTICES REGARDING SCREEN TIME USE.
  E Cahill, C Garbe and M Dunlap, Oklahoma City, OK. The University of Oklahoma Health Sciences Center
  Abstract 86

2:00  QUESTION AND ANSWERS
PREM KANDIAH, PRESIDING

2:45 TRANSCRANIAL DOPPLER FLOW ASSESSMENT FOR EARLY PREDICTION OF BRAIN INJURY IN ASPHYXIATED NEONATES RECEIVING THERAPEUTIC HYPOTHERMIA.
R Lavu, P Maertens, M Zayek and R Bhat, Mobile, AL. University of South Alabama

2:55 SOMATIC MOSACISM OF A SINGLE PLATELET DERIVED GROWTH FACTOR RECEPTOR BETA VARIANT: THE ROLE OF ALLELE FREQUENCY ON PHENOTYPE.
F El-Ghazali and M Ferreira, Sammamish, WA. University of Washington (SAFMR/SSCI Student Research Award Winner)

3:05 NOVEL FUSION OF MRI SIGNAL INTENSITIES: A SYNERGISTIC APPROACH FOR QUANTIFYING PATIENT TUMOR DISEASE BURDEN.
E Florez, R Hamidi, S Baird, H Khosravi, J Storrs and A Fatemi, Flowood, MS. University of Mississippi Medical Center

3:15 REGIONAL EFFECTS OF METHADONE EXPOSURE ON OLIGODENDROCYTE LINEAGE IN THE DEVELOPING RAT BRAIN.
J Gibson, T Chu, N Mellen, LA Devlin and J Cai, Louisville, KY. University of Louisville

3:25 THE NOVEL USE OF A SYNTHETIC AMINO ACID ANALOG IN MANAGEMENT OF MENKES DISEASE.
B Jafar, A Sheikh, KP Sharma and P Maertens, Mobile, AL. University of South Alabama

3:35 BENZODIAZEPINE-RESPONSIVE CATATONIA AND DELIRIUM IN TWO PATIENTS WITH COVID-19.
VR Jaber, M Soliman, JB Campo and EC Mader, New Orleans, LA. Louisiana State University Health Sciences Center (SAFMR/SSCI Student Research Award Winner)

3:45 QUESTION AND ANSWERS
2:45 VARIANTS OF HUMAN TRANSCRIPTION FACTOR GENES IN MYELOMENINGOCELE OF MEXICAN AMERICAN AND EUROPEAN AMERICAN POPULATIONS.
*LS Youmans*, P Hillman, LS Hebert, ME Corkins, R Miller, H Northrup and K Au, Houston, TX. The University of Texas Health Science Center at Houston John P and Katherine G McGovern Medical School

2:55 INTRANASAL INSULIN REDUCED HYPOXIA-ISCHEMIA-IINDUCED SENSORIMOTOR BEHAVIORAL DYSFUNCTION AND BRAIN INJURY IN P5 RATS.
*CK Glendye*, JW Lee, E White, N Dankhara, S Lu, N Ojeda, Y Pang, AJ Bhatt and L Fan, Jackson, MS. University of Mississippi Medical Center

3:05 WNT AND GROWTH FACTOR RNA EXPRESSION IN THE UMBILICAL CORD OF MYELOMENINGOCELE AFFECTED PREGNANCIES.
*KM Kuehn*, LS Hebert, R Papanna, LK Mann, H Northrup and K Au, Houston, TX. University of Texas Health Science Center Houston-McGovern Medical School

3:15 PULMONARY MICROBIAL DYSBIOSIS LEADS TO REDOX IMBALANCE THROUGH THE NRF2 PATHWAY IN NEONATAL MURINE MODELS.
*A Freeman*, K Dolma, G Rezonzew, B Halloran, L Qiao, TE Tipple and CV Lal, Birmingham, AL; Mobile, AL; Oklahoma City, OK. University of Alabama at Birmingham

3:25 A HUMAN MILK DIET WITH HIGHER PROTEIN CONTENT TO INCREASE FAT-FREE MASS ACCRETION IN EXTREMELY PRETERM INFANTS: A RANDOMIZED TRIAL.
*AA Salas*, ML Jerome, A Finck, J Razzaghy, P Chandler-Laney and WA Carlo, Birmingham, AL. University of Alabama at Birmingham

3:35 HEART RATE VARIABILITY DURING FEEDING INFANTS WITH BRONCHOPULMONARY DYSPLASIA.
*EW Reynolds*, TM Boles and C Bell, Houston, TX. University of Texas, Health Science Center @ Houston
3:45  QUESTION AND ANSWERS

PULMONARY AND CRITICAL CARE

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FRIDAY, FEBRUARY 26, 2021
4:30 PM – 6:00 PM
Room 1

Nicholas M. Maurice and Hiren Mehta, Presiding

4:30  METABOLOMICS OF ASTHMA: A SYSTEMATIC REVIEW.
Z Cheema, SB Mustafa, D Moses, M Evans and A Moreira, San Antonio, TX. The University of Texas Health Science Center at San Antonio

4:40  COVID-19 AND BLOOD TYPE IN ATLANTA.
M Kaalla, V Sueblinvong and a Mehta, Atlanta, GA; Decatur, GA; Macon, GA. Emory University Mercer University

4:50  COVID-19 AND OBESITY IN ATLANTA.
WA Neveu, V Sueblinvong and a Mehta, Atlanta, GA; Decatur, GA. Emory University

5:00  ALCOHOL IMPAIRS ALVEOLAR MACROPHAGES RESPONSES TO MYCOBACTERIUM TUBERCULOSIS.
L Sayegh, M Ahmed, X Fan, SC Auld, D Guidot and BS Staitieh, Atlanta, GA. Emory University School of Medicine (SAFMR/SSCI Trainee Research Award Winner)

5:10  BLOOD TRANSCRIPTOME ENRICHED WITH MEGAKARYOCYTE GENE SIGNATURE PREDICTS POOR OUTCOME IN IDIOPATHIC PULMONARY FIBROSIS (IPF).
S Saito, CH Chung, N Nuradin, Y Liu, J Lasky and J Kolls, New Orleans, LA. Tulane University

5:20  USE OF ORAL ANTI-DIABETIC DRUGS AND RISK OF HOSPITAL AND INTENSIVE CARE UNIT ADMISSION FOR INFECTIONS.
JG Rim, J Gallini, C Jasien, X Cui, L Phillips, A Trammell and R Sadikot, Atlanta, GA; Decatur, GA. Emory University

5:30  QUESTION AND ANSWERS
4:30 TUMOR NECROSIS FACTOR-ALPHA TYPE-1 RECEPTOR PROTEIN DECREASES IN RENAL CORTEX, NOT IN MEDULLA DURING HIGH SALT INTAKE IN NITRIC OXIDE DEFICIENT MICE.
DA Majid, C1 Osuji, S Talwar, A1 Abdel-Mageed and A Castillo, New Orleans, LA. Tulane University School of Medicine

4:40 INCREASED GLOMERULAR CAPILLARY WALL STRAIN PRECEDES GLOMERULOPATHY IN THE DIABETIC RAT.
O Richfield, R Cortez and L Navar, New Orleans, LA. Tulane University School of Science and Engineering Tulane University (SAFMR/SSCI Student Research Award Winner)

4:50 PROXIMAL TUBULE-SPECIFIC DELETION OF MITOCHONDRIAL PROTEIN SIRTUIN 3 IN THE KIDNEY ATTENUATES ANGIOTENSIN II-INDUCED HYPERTENSION AND AUGMENTS NATRIURETIC RESPONSES IN FEMALE MICE.
AO Leite, XC Li and JL Zhuo, New Orleans, LA. Tulane University School of Medicine (SSCI Nephrology Young Investigator Scholar Award Winner)

5:00 RISK OF ACUTE KIDNEY INJURY IN COVID-19 IS INCREASED IN AFRICAN AMERICANS WITH APOL1 HIGH-RISK GENOTYPE.
T Wickman, J Velez, L Matute, J Arthur and C Larsen, Metairie, LA; Little Rock, AR. Ochsner Health System (SSCI Nephrology Young Investigator Scholar Award Winner)

5:10 SEX DIFFERENCES IN HYPERTENSION AND RENAL INJURY IN 2-KIDNEY 1-CLIP GOLDGLATT HYPERTENSIVE RATS: EFFECT OF OVARIECTOMY.
E Pemberton, W Shao, AL Bell and L Navar, New Orleans, LA. Tulane University School of Medicine (SAFMR/SSCI Student Research Award Winner)

5:20 MARKERS OF INFLAMMATION AND RISK FOR ACUTE KIDNEY INJURY AND NEED FOR DIALYSIS IN PATIENTS WITH COVID-19.
J Walker, A Torres-Ortiz, AE Mohammed, M Mohamed, I Lukitsch and J Velez, Jefferson, LA. Ochsner Health System

5:30 QUESTION AND ANSWERS
PLENARY SESSION

SOUTHERN SOCIETY FOR CLINICAL INVESTIGATION
SOUTHERN SECTION – AMERICAN FEDERATION FOR MEDICAL RESEARCH

SATURDAY, FEBRUARY 27, 2021
9:00 AM – 10:15 AM
Room 1

Don Rockey and Viranuj Sueblinvong, Presiding

9:00 WELCOME AND PRESIDENTIAL ADDRESS
Don Rockey, Medical University of South Carolina – SSCI President

9:10 SSCI BUSINESS MEETING/AJMS REPORT/NOMINATIONS COMMITTEE REPORT
• Vin Tangpricha, Emory University
• Jesse Roman, Thomas Jefferson University
• Gailen Marshall, University of Mississippi Medical Center

9:15 2020 SSCI RESEARCH SCHOLAR AWARD PRESENTATION
Abolfazl Zarjou, MD, PhD, University of Alabama at Birmingham
TARGETING FERRITIN IN VASCULAR CALCIFICATION ASSOCIATED WITH CHRONIC KIDNEY DISEASE.

9:30 2021 SSCI RESEARCH SCHOLAR AWARD
Andrew Schreiner, MD, Medical University of South Carolina
IMPROVING THE DIAGNOSIS OF NON-ALCOHOLIC FATTY LIVER DISEASE IN PRIMARY CARE PATIENTS USING NATURAL LANGUAGE PROCESSING.

9:35 SSCI MENTOR OF THE YEAR AWARD
Student Category – Thomas I. Nathaniel, PhD, University of South Carolina School of Medicine, Greenville
Post-Graduate Category – Anupam Agarwal, MD, University of Alabama at Birmingham
Junior Faculty Category – Sumanth D. Prabhu, MD, University of Alabama at Birmingham

9:40 TINSLEY HARRISON AWARD
ESTIMATING THE ECONOMIC BURDEN OF ACUTE MYOCARDIAL INFARCTION IN THE US: 12 YEAR NATIONAL DATA
Kinfe Bishu, Medical University of South Carolina
Presented by Jesse Roman, Thomas Jefferson University – Editor-in-Chief of the American Journal of the Medical Sciences

9:45 SSCI YOUNG INVESTIGATOR AWARDS
First Place
ACUTE KIDNEY INJURY AND COLLAPSING GLOMERULOPATHY ASSOCIATED WITH COVID-19 AND APOL1 HIGH RISK GENOTYPE.
CF Hernandez-Arroyo, C Larsen, M Mohamed, A Fogo and J Velez, New Orleans, LA;
Second Place (Tie)
FILTER CLOTTING, ANTI-COAGULATION AND DURATION OF SLED IN PATIENTS WITH COVID-19 AND ACUTE KIDNEY INJURY.
Y Wen, JR LeDoux, A Ramanand, K Scharwath, D Mundy, M Mohamed and J Velez, New Orleans, LA. Ochsner Health System

Second Place (Tie)
PHENOTYPE AND OUTCOMES OF ACUTE KIDNEY INJURY ASSOCIATED WITH COVID-19.
A Torres-Ortiz, M Mohamed, J Walker, I Lukitsch, CF Hernandez-Arroyo and J Velez, New Orleans, LA; Saint Lucia, Australia. Ochsner Medical Center

Third Place
WHICH GROUP OF PATIENTS WITHDRAW FROM A PULMONARY REHABILITATION PROGRAM?
B Mantilla, MN Vinan Vega and K Nugent, Lubbock, TX. Texas Tech University

SSCI YOUNG INVESTIGATOR AWARD FOR GENERAL INTERNAL MEDICINE ENGAGEMENT IN DEPRESCRIBING RESEARCH: IDENTIFYING BARRIERS TO RECRUITMENT OF HOSPITALIZED OLDER ADULTS FOR TWO CLINICAL INTERVENTION TRIALS.
Thomas E. Strayer III, Emily Hollingsworth, Sandra Simmons, Amanda Mixon, Vanderbilt University Medical Center

9:50 NATHAN SOLOMON & IRENE ORANSKY-SOLOMON MEDICAL STUDENT AWARDS

First Place
SODIUM-GLUCOSE COTRANSPORTER 2 INHIBITION ATTENUATES THE INTRARENAL RENIN-ANGIOTENSIN SYSTEM IN A RAT MODEL OF POLYCYSTIC OVARY SYNDROME.
J Pruett, S Everman, ED Torres Fernandez, D Romero and L Yanes Cardozo, Jackson, MS; Austin, TX. University of Mississippi Medical Center

Second Place
THE SUPPRESSION OF COLLAGEN INDUCED ARTHRITIS USING COLLAGEN WITH POST-TRANSLATIONAL MODIFICATIONS.
HH Odens, V Woo-Rasberry, A Kang and L Myers, Memphis, TN. The University of Tennessee Health Science Center College of Medicine

9:53 AFMR HENRY CHRISTIAN AWARDS
Mohammed Alsaggaf, Ochsner Health System, King Abdulaziz University
Arya Mariam Roy, University of Arkansas for Medical Sciences
Malinda Wu, Emory University School of Medicine, Children’s Healthcare of Atlanta
9:55  JOURNAL OF INVESTIGATIVE MEDICINE BUSINESS REPORTS
   Richard McCallum, Editor
   Michael McPhaul, Editor High Impact Case Reports

10:05  CLOSING REMARKS
   • Don Rockey, Medical University of South Carolina—SSCI President
   • Viranuj Sueblinvong, Emory University—SAFMR President

10:15  ADJOURN

SAFMR/SSCI AWARDS

SAFMR/SSCI Junior Faculty Research Award

Aleli Campbell, University of Texas El Paso
Antoine Chaanine, Tulane University School of Medicine
Yusuke Higashi, Tulane University School of Medicine
Alexander Philipovskiy, Texas Tech University Health Science Center
Manavjot Sidhu, Methodist Health System
Zanthia Wiley, Emory University School of Medicine, Emory Healthcare
Tadashi Yoshida, Tulane University

SAFMR/SSCI Student Research Award

Patrick Boddie, University of Mississippi Medical Center
Michael Craig, University of Tennessee Health Science Center
Edgard Cruz, University of Tennessee Health Science Center
Macy Cummins, University of Mississippi Medical Center
Fatima El-Ghazali, University of Washington
Ali Esmaeili, Ochsner Health System
Daniel Gottlieb, Tulane University
Marah Hamdan, Texas Tech University Health Sciences Center
Carl Haupt, Ochsner Health System
Vivian Jaber, Louisiana State University Health Sciences Center
John Paul Khouzam, University of Notre Dame College of Science
Alla Kozubenko, Fred Hutchinson Cancer Research Center, University of Washington
Xinyi Luo, The University of Queensland Ochsner Faculty of Medicine, Ochsner Health System
Matthew McMullan, University of Mississippi Medical Center
Khoa Nguyen, Tulane University School of Medicine
Emily Pemberton, Tulane University School of Medicine
Owen Richfield, Tulane University School of Science and Engineering
Namrata Shivaprakash, California University of Science and Medicine, Riverside University
   Health System
Patricia Snarski, Tulane University
Madilyn Tomaso, University of Alabama at Birmingham School of Medicine Huntsville
Aayush Visaria, Rutgers New Jersey Medical School
Joseph Walker, Ochsner Health System
SAFMR/SSCI Trainee Research Award

John Abdelmalek, Texas Tech University Health Sciences Center
Ashwin Ajith, Georgia Cancer Center
Felix Aponte Santos, Universidad de Puerto Rico Escuela de Medicina
Ryan Coultais, University of Florida Health Science Center Jacksonville
Mohamed Elmassry, Texas Tech University Health Sciences Center
Marcus Juan Esteban, Texas Tech University Health Sciences Center El Paso
Farshid Etaee, Texas Tech University Health Sciences Center
Gian Galura, Texas Tech University Health Sciences Center El Paso
Arsalan Hamid, University of Mississippi Medical Center
Usman Hasnie, University of Alabama at Birmingham
Randa Hazam, Texas Tech University Health Science Center
Nicholas Helmstetter, Louisiana State University Health Sciences Center
Naoki Iwanaga, Tulane University
Prarthana Jain, Medical University of South Carolina
M Ammar Kalas, Texas Tech University Health Sciences Center El Paso
Shoaib Khan, White River Medical Center
Radia Ksayer, Tulane University
Naji Maaliki, University of Florida Health at Jacksonville General Medicine
Jonathan Martinez, Hospital Municipio de San Juan
Miguel Maturana, University of Tennessee Health Science Center
Hemendra Mhadgut, East Tennessee State University
Sebastian Mikulic, University of Florida Health at Jacksonville
Arunee Motes, Texas Tech University Health Sciences Center
Kandasamy Neelamegam, Tulane University School of Medicine
Ina Nikolli, Tulane University
Alex Niu, Tulane University School of Medicine
Adebamike Oshunbade, University of Mississippi Medical Center
Jasmine Padgett, University of Mississippi Medical Center
Khalid Pasha, Lenox Hill Hospital
Ronak Patel, Ochsner Health System
Ellen Petryna, University of Tennessee Health Science Center
Jennifer Pham, Ochsner Health System
Jennifer Prevot, Emory University School of Medicine
Khalid Sawalha, White River Health System
Layal Sayegh, Emory University School of Medicine
Tanya Sharma, University of Arkansas for Medical Sciences
Jessica Simon, Ochsner Health System
Juliana Sitta, University of Mississippi Medical Center
Alan Sun, Dwight David Eisenhower Army Medical Center
Saria Tasnim, Texas Tech University Health Science Center, Amarillo
Akesh Thomas, East Tennessee State University James H Quillen College of Medicine
Vipin Varghese, Ochsner Health System
Aditi Varma-Doyle, Louisiana State University Health Sciences Center
Myrian Vinan Vega, Texas Tech University Health Science Center
PLENARY SESSION
SOUTHERN SOCIETY FOR PEDIATRIC RESEARCH
Saturday, February 27, 2021
9:00 AM – 11:00 AM
Room 2

Christopher Pruitt, Presiding

SSPR BASIC SCIENCE YOUNG INVESTIGATOR AWARD FINALISTS
Judges: Julie Mirpuri, Trent Tipple, and Tara Randis

9:00 INTRANASAL INSULIN AND SEX-SPECIFIC EFFECTS ON LONG-TERM NEUROBEHAVIORAL OUTCOMES FOLLOWING HYPOXIC-ISCHEMIC BRAIN INJURY IN NEONATAL RATS.
N Dankhara, JW Lee, N Ojeda, S Lu, E White, S Xu, C Glendye, Y Pang, AJ Bhatt and L Fan, Jackson, MS. University of Mississippi (SSPR Basic Science Young Investigator Award Finalist)

9:00 QUESTION AND ANSWERS

9:15 ENDOThelial ADENOSINE MONOPHOSPHATE-ACTIVATED PROTEIN KINASE ALPHA (AMPKα) DEFICIENCY POTENTIATES HYPEROXIA-INDUCED EXPERIMENTAL BRONCHOPULMONARY DYSPLASIA (BPD) AND PULMONARY HYPERTENSION (PH).
A Elsaie, R Menon, A Shrestha and B Shivanna, Houston, TX. Baylor College of Medicine (SSPR Basic Science Young Investigator Award Finalist)

9:15 QUESTION AND ANSWERS

9:25 LOSS OF GROWTH AND DIFFERENTIATION FACTOR 15 EXACERBATES NEONATAL HYPEROXIC LUNG INJURY.
F Al-Mudares and K Lingappan, Houston, TX. Baylor College of Medicine (SSPR Basic Science Young Investigator Award Finalist)

9:25 QUESTION AND ANSWERS

SSPR CLINICAL SCIENCE YOUNG INVESTIGATOR AWARD FINALISTS
Judges: Heidi Murphy, Eric Reynolds, and Ariel Salas

9:45 ASSOCIATION BETWEEN CHOICE OF ANTI-SEIZURE MEDICATIONS AND TREATMENT FAILURE IN NEONATES WITH SEIZURES.
E Sewell, SE Hamrick, RM Patel, MM Bennett, V Tolia and K Ahmad, Atlanta, GA; Dallas, TX; San Antonio, TX. Emory University School of Medicine Children's Healthcare of Atlanta Egleston Hospital (SSPR Clinical Science Young Investigator Award Finalist)

9:45 QUESTION AND ANSWERS

36
10:00 ALGORITHMIC MODEL FOR ACCURATE AND TIMELY DIAGNOSES OF APPENDICITIS IN CHILDREN.
E Florez, J Sitta, S Miller, A Smyly, E Varney, ST Lirette and CM Howard, Flowood, MS. University of Mississippi Medical Center (SSPR Clinical Science Young Investigator Award Finalist)

10:10 QUESTION AND ANSWERS

10:15 MANAGEMENT AND SHORT-TERM OUTCOMES OF INFANTS BORN TO MOTHERS WITH ACTIVE PERINATAL COVID-19 INFECTION.
J Lien, J Desai, AJ Talati and V Lamba, Memphis, TN. The University of Tennessee Health Science Center (SSPR Clinical Science Young Investigator Award Finalist)

10:25 QUESTION AND ANSWERS

10:30 PRESENTATION OF SSPR YOUNG INVESTIGATOR AWARDS

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JOINT PLENARY SESSION

Saturday, February 27, 2021
1:00 PM – 2:45 PM
Room 1

SOUTHERN SOCIETY FOR CLINICAL INVESTIGATION
SOUTHERN SECTION – AMERICAN FEDERATION FOR MEDICAL RESEARCH
SOUTHERN SOCIETY FOR PEDIATRIC RESEARCH
ACADEMIC PEDIATRIC ASSOCIATION

2020 SARS-CoV-2 PANDEMIC - FROM BENCH TO BEDSIDE AND BEYOND

Don Rockey, Christopher Pruitt, and Viranuj Sueblinvong, Presiding

1:00 PREPARING FOR TOMORROW’S PANDEMICS TODAY: VIROLOGICAL AND BIOLOGICAL CONSIDERATIONS.
Timothy Sheahan, Gillings School of Global Public Health, University of North Carolina

1:30 MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN.
Jane C. Burns, University of California San Diego

2:00 VACCINE DEVELOPMENT FOR SARS-COV 2.
Sonya Heath, University of Alabama at Birmingham

2:30 QUESTION AND ANSWERS
SCSI/SAFMR PRESIDENTIAL POSTER OF DISTINCTION

Lorry Aitkens, Augusta University
Pablo Altieri, University of Puerto Rico Medical Sciences Campus
Ankur Aneja, Emory University School of Medicine
Martha Arrieta, University of South Alabama, USA HEALTH College of Medicine

Kelsey Baab, The University of Oklahoma School of Community Medicine
Brandon Bunch, Washington State University
Asra Butt, The University of Tennessee Health Science Center Memphis
Krisha Desai, Emory University School of Medicine
Austin Jones, Tulane University
Sayed Reshad Ghafouri, Texas Tech University Health Sciences Center
Sally McClung, University of Mississippi Medical Center
Hemanth Nannapaneni, University of Mississippi Medical Center
Saihariharan Nedunchezian, Tulane University School of Medicine
Hao Nguyen, Methodist Health System
Joel Raja, University of Tennessee Health Science Center
Sanjana Rao, Texas Tech University System
Shanna Rolfs, University of Oklahoma
Esha Singhal, Texas Tech University System
JOINT POSTER SESSION

Jointly sponsored by

SOUTHERN SOCIETY FOR CLINICAL INVESTIGATION
SOUTHERN SECTION – AMERICAN FEDERATION FOR MEDICAL RESEARCH
SOUTHERN SOCIETY FOR PEDIATRIC RESEARCH
ACADEMIC PEDIATRIC ASSOCIATION

THURSDAY, FEBRUARY 25, 2021
4:30 PM – 6:30 PM
Room 1

Adolescent Medicine and Pediatrics
Adult Case Reports, Aging, and Geriatrics
Allergy, Immunology, Inflammation, and Rheumatology
Cardiovascular
Endocrinology and Metabolism
Gastroenterology, Nutrition & Dietary Supplements
Health Care Research, Quality Improvement & Patient Safety, Population Health & Precision Medicine
Infectious Diseases, HIV and AIDS
Medical Education, Medical Ethics and Advocacy
Neonatology Clinical Case
Neurology and Neurobiology
Pediatric Clinical Case
Perinatal Medicine and Pulmonary and Critical Care Medicine
Renal, Electrolyte, and Hypertension

1 ARGININOSUCCINATE LYASE DEFICIENCY (ASLD) INCIDENCE AND MANAGEMENT IN OKLAHOMA.
FM Boulos, Y Enchaugueti-Colon, D DeMarzo, S Palle and AC Tsai, Edmond, OK. The University of Oklahoma Health Sciences Center
Abstract 123

2 ADVERSE CHILDHOOD EXPERIENCES CORRELATE TO DEPRESSIVE SYMPTOMS IN ADOLESCENTS.
R Garrison, K Tawse-Butha,, S Myers and JJ Burns, Pensacola, FL. University of Florida
Abstract 124

3 PREDICTING INPATIENT CROUP OUTCOMES.
WC Hancock, M Scott and J Winer, Memphis, TN. The University of Tennessee Health Science Center Le Bonheur Children's Hospital
Abstract 125

4 GASTRIC PERFORATION: A RARE COMPLICATION IN ANOREXIC PATIENTS.
5 LOUISIANA PEDIATRICIANS' BELIEFS AND PRACTICES REGARDING ADOLESCENT PARENTS.
N Khorsandi and S Dumas, Metairie, LA. Louisiana State University

6 REMAINING FLEXIBLE: A CASE OF MENINGOENCEPHALITIS.
M Lai, H Elaasar and S Sarkar, New Orleans, LA. Louisiana State University

7 VITAMIN K AND ECMO FOR NEONATAL HYPOXIC RESPIRATORY FAILURE.
N Lock, A Sawyer, L Wise, J Bhatia and B Stansfield, Augusta, GA. Augusta University

8 BREASTFEEDING VERSUS FORMULA FEEDING IN AN URBAN ACADEMIC GENERAL PEDIATRICS CLINIC.
MK McEwen, J Yaun, L Correa and J Gutman, Memphis, TN. LeBonheur Children's Hospital

9 RARE CASE OF SEVERE COVID-19 IN OTHERWISE HEALTHY INFANT AT 4 DAYS OF LIFE.
J Morris, A Gubbels, C Meyer and NP Shah, Birmingham, AL. University of Alabama at Birmingham

10 PERSISTENT EOSINOPHILIA AND FEVER IN PANCREATITIS: A CLINICAL CONUNDRUM.
JP Noel, N Sharma, A Fields and R Arrouk, Augusta, GA. Augusta University

11 PEDIATRIC CLONIDINE POISONING A QUARTER-CENTURY LATER.
JC Pruett, NP Shah, K Gutermuth, B Whitworth, A Slattery, K Monroe and MH Nichols, Hoover, AL; Birmingham, AL. University of Alabama in Birmingham School of Medicine

12 TEENAGER WITH HISTORY OF VAPING DIAGNOSED WITH E-CIGARETTE OR VAPING PRODUCT USE-ASSOCIATED LUNG INJURY (EVALI).
R Ramakrishnan, C Murray and MR Roca Garcia, Mobile, AL. University of South Alabama

13 NURSE PRACTITIONER-PERFORMED POINT-OF-CARE ULTRASOUND TO ASSESS BLADDER FULLNESS PRIOR TO FORMAL TRANSABDOMINAL PELVIC ULTRASOUND IN A PEDIATRIC EMERGENCY DEPARTMENT: A
RANDOMIZED CONTROLLED TRIAL.
S Ruffenach, KR Richard, NP Shah, M Baker and M Thompson, Birmingham, AL; Durham, NC. The University of Alabama at Birmingham

Abstract 135

14 ACUTE FLACCID PARALYSIS, A LESSON IN TIMING.
A Sarma, M Huttner, K Moussavi and I Temple, New Orleans, LA. Tulane University

Abstract 136

15 KIDNEY ALLOGRAFT OUTCOMES IN PEDIATRIC PATIENTS TRANSITIONING TO ADULT CARE-A SINGLE CENTER PILOT STUDY.
S Subramanyam, KM Wille, M Seifert, V Kumar, G Towns, G Agarwal and S Ong, Birmingham, AL. The University of Alabama at Birmingham

Abstract 137

16 A RARE CAUSE OF ACUTE ACALCULOUS CHOLECYSTITIS.
A Alexander and F Ibrahim, Huntsville, AL. University of Alabama at Birmingham

Abstract 138

17 MOLLARET’S MENINGITIS.
E Alshaikh and A Baggett, Huntsville, AL. University of Alabama at Birmingham - Huntsville Hospital

Abstract 139

18 "TOE"ING THE LINE: COVID19 AND ACRO-ISCHEMIA.
L Al-Sukhni, I Ivyniak and T Naguib, Amarillo, TX. Texas Tech University HSC Amarillo

Abstract 140

19 AN UNUSAL CAUSE OF PLEURAL EFFUSION.
R Bankusli and RK Bankusli, Jackson, MS. University of Mississippi Medical Center

Abstract 141

20 MORE THAN A HEADACHE: ANAPLASTIC PLEOMORPHIC XANTHOASTROCYTOMA.
AM Bonano-Rios, K Andino Lebron and W Caceres-Perkins, San Juan, Puerto Rico. VA Caribbean Healthcare System

Abstract 142

21 A HEART TOO SWEET: A CASE REPORT OF MYOCARDIAL INFARCTION TRIGGERING DIABETIC KETOACIDOSIS.
CM Cepero-Jimenez, V Vando-Rivera, GJ Torres-Rivera, Z Mirza, J Casal-Hidalgo and CA Cortes, Aibonito, Puerto Rico; San Juan, Puerto Rico. VA Caribbean Healthcare System

Abstract 143

CM Cepero-Jimenez, E Partida-Rodriguez, V Vando-Rivera, AM Bonano-Rios and J
OVERFLOW DIARRHEA AND AKI DUE TO FECAL IMPACTION.
D Dave, I Ivyanskiy and T Naguib, Amarillo, TX. Texas Tech University Health Sciences Center, Amarillo

NOT SO SUPERFICIAL AFTER ALL.
CS Diaz Loza, S Garcia and A Febles, San Juan, Puerto Rico. VA Caribbean Healthcare System

RAMSAY HUNT SYNDROME AND THE IMPORTANCE OF EARLY DIAGNOSIS.
S Ginjupalli and A Bhuiyan, Augusta, GA. Augusta University

MYXOID MIX-UP.
A Heng and R Mailapur, Huntsville, AL. University of Alabama at Birmingham

BULLOUS PEMPHIGOID MIMICKING CELLULITIS.
I Ivyanskiy, D Dave, A Dweik, J Yeary, H Yousuf and T Naguib, Amarillo, TX. Texas Tech University HSC Amarillo

COVID-19 ASSOCIATED WITH CATATONIA AND ABNORMAL CSF: A CASE REPORT.
F Jaber, U Aisueni, T Torrico, C D’Assumpcao, T Kiong, K Sabetian and R Kuran, Bakersfield, CA. Kern Medical Center

"VISION LOSS" IN A PATIENT WITH LYNCH SYNDROME.
SG Jones, R Martindale and JO Mason, Birmingham, AL. University of Alabama at Birmingham Callahan Eye Hospital (SAFMR)

AN UNUSUAL CASE OF NON-CARDIOGENIC PULMONARY EDEMA AND HEPATITIS DUE TO RICKETTSIAL INFECTION.
L Kantamneni and I Ingle, Huntsville, AL; New York, NY. University of Alabama at Birmingham - Huntsville Regional Medical Center

IS CONCOMITANT STEROID USE AND MORBID OBESITY A RISK FOR PROPOFOL INFUSION SYNDROME?
L Kantamneni and I Ingle, Huntsville, AL; New York, NY. University of Alabama at
32 MEDULLARY AND PAPILLARY THYROID COLLISION TUMOR.
H Kreit, J Guzman and F Dihowm, El Paso, TX. Texas Tech University Health Sciences Center El Paso

33 INTERESTING PRESENTATION OF PITUITARY MACROADENOMA.
MB Lewis, P Patel and S Duckworth, Jackson, MS. University of Mississippi Medical Center

34 THE IMPACT OF STRESSOR CHOICE ON MEASURING PHYSICAL RESILIENCE: THE ARIC STUDY.
MR McMullan, B Windham, M Griswold, J Henegan, C Blackshear, A Kucharska-Newton, P Palta, J Schrack, K Bandeen-Roche and T Mosley, Jackson, MS; New York, NY; Chapel Hill, NC; Baltimore, MD. University of Mississippi Medical Center (SAFMR/SSCI Student Research Award Winner)

35 A RATHER LARGE HICCUP.
R Mestres, C Diaz and CA Cortes, San Juan, Puerto Rico. VA Caribbean Healthcare System

36 TAKING CARE OF MONKEY BUSINESS: A CASE OF BABOON SYNDROME.
D Ramos Ramirez, C Cortes Sanchez, D Rivera and A Ortiz Vicil, Aguada. VA Caribbean Healthcare System (SAFMR)

37 A PECULIAR CASE OF A GUNSHOT WOUND TO THE ABDOMEN.
SS Raza, K Tyler and RJ Najjar, Huntsville, AL. The University of Alabama at Birmingham School of Medicine Huntsville

38 VOCAL CORD PARALYSIS ASSOCIATED WITH MULTIPLE SCLEROSIS.
M Samman and C Tang, New York, NY; San Francisco, CA. New York Center for Voice and Swallowing Disorders

39 THE UNIDENTIFIED OFFENDER.
TN Sanders and KS Ivey, Gadsden, AL; Auburn, AL. Edward Via College of Osteopathic Medicine - Auburn Campus

40 HEREDITARY HYPOPHOSPHATASIA IN A 30 YEAR OLD FEMALE WITH CHRONIC BONE PAIN.
KR Stanek and M Shank, Highlands Ranch, CO. University of Colorado (SAFMR)
41 ALTERED MENTAL STATUS IN A PATIENT WITH PSYCHIATRIC HISTORY: MEDICATION NONCOMPLIANCE OR MEDICAL ETIOLOGY?
B Walterscheid, N Eshak and K Nugent, Lubbock, TX. Texas Tech University Health Sciences Center

42 A DIAGNOSIS THAT REALLY GETS UNDER THE SKIN: A CASE OF PYODERMA GANGRENSUM.
KA Winter, A Winter, J Burks and L Weatherly, Jackson, MS. University of Mississippi Medical Center

43 NOT ALL LEG EDEMA IS CARDIAC-RELATED: A CASE OF LEG EDEMA SECONDARY TO BREAST CANCER METASTASES.
KA Winter and Y Ali, Jackson, MS. University of Mississippi Medical Center

44 OCCULT MULTIPLE MYELOMA UNMASKED BY AN ACUTE KIDNEY INJURY.
KA Winter and Y Ali, Jackson, MS. University of Mississippi Medical Center

45 RARE CASE OF SYSTEMIC LUPUS ERYTHEMATOUS.
IR Burgos, WD Marrero, C Rodriguez Negron, V Fonseca-Ferrer and HR Cintrón-Colón, Canovanas. Hospital Municipio de San Juan (APA)

46 TATTOO SARCOIDOSIS.
IR Burgos, V Fonseca-Ferrer and C Rodriguez Negron, Canovanas. Hospital Municipio de San Juan (APA)

47 VASCULITIS V.S. THROMBOSIS: A CASE OF ANTIPHOSPHOLIPID SYNDROME.
N Eshak, B Walterscheid, A Wichmann and K Nugent, Lubbock, TX. Texas Tech University Health Sciences Center

48 SLE PRESENTING WITH ACUTE HEART FAILURE AND TAMPOONADE.
N Eshak, J Abdelmalek, E Elgwairi and K Nugent, Lubbock, TX. Texas Tech University Health Sciences Center

49 ACUTE GENERALIZED SKIN ERUPTIONS IN A PATIENT WITH CORONAVIRUS DISEASE-2019 PNEUMONIA: SEVERE GENERALIZED URTICARIA.
50 A RARE SKIN COMPLICATION OF HYDROXYCHLOROQUINE THERAPY FOR POSITIVE CORONAVIRUS DISEASE 2019 INFECTION: ACUTE GENERALIZED EXANTHEMATOUS PUSTULOSIS.
F Etaee, N Ghanei, A Suggs and T Naguib, Amarillo, TX; Yazd, Iran (the Islamic Republic of); Durham, NC. Texas Tech University Health Sciences Center

51 MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN: A NEW CHALLENGE IN THE COVID-19 PANDEMIC.
B Ferguson, MD Kala, DG Hodge and VA Harrison, Jackson, MS. University of Mississippi School of Medicine (SSPR)

52 REVERSIBLE CEREBRAL VASOCONSTRICTION SYNDROME: AN UNDERDIAGNOSED CAUSE OF NEUROVASCULAR DISEASE.
CE McGill, S Moore, A Cecchini and R Burgess, Kingsport, TN. East Tennessee State University (SSCI)

53 OVERLAP SYNDROME COMPLICATED WITH DIFFUSE ALVEOLAR HEMORRHAGE.
F Mubeen, A Kamat and N Davey-Ranasinghe, Amarillo, TX. Texas Tech University Health Sciences Center

54 HENOCH-SCHONELIN PURPURA PRESENTING IN AN ADULT.
R Musa and S Moore, Johnson City, TN. East Tennessee State University

55 AN ATYPICAL INITIAL PRESENTATION OF DIFFUSE ALVEOLAR HEMORRHAGE AND SYSTEMIC LUPUS ERYTHEMATOSUS IN AN ADULT MALE.
DS Nichols, H Jhaveri, S Streit and M Kumar, Gainesville, FL; Jacksonville, FL. University of Florida Health

56 HASHIMOTO'S THYROIDITIS AND RENAL TRANSPLANT FAILURE.
B Sigman, D Linder, W Bollag, J Waller, SL Baer, AA Mohammed, S Tran, M Kheda, V Spearman, C Isales and B Siddiqui, Augusta, GA. Augusta University

57 INFLAMMATORY PSEUDO-TUMOR IN A PATIENT WITH SYSTEMIC LUPUS
ERYTHEMATOSUS.
P Tiwari, C Aguiar and M Aguiar, Norfolk, VA. Eastern Virginia Medical School

Abstract 179

58 DEHYDRATED HUMAN AMNION/CHORION MEMBRANE ALLOGRAFT FOR TREATMENT OF RESISTANT PYODERMA GANGRENUOSUM.
AS Weissman, VS Patel and W Moore, Augusta, GA. Augusta University (SAFMR)

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59 A RARE PHEOCHROMOCYTOMA PRESENTATION: PROLONGED QT INTERVAL WITH VENTRICULAR FIBRILLATION CARDIAC ARREST.
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k Sawalha, N Beresic, S Khan and R Kamoga, Batesville, AR; Chapel Hill, NC. White River Health System

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190  PSYCHOTIC AND ANXIETY DISORDERS PRESENTING WITH CANNABIS USE IN CALIFORNIA.

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*D Velu, S Batool and P Yedla, Huntsville, AL. UAB, Huntsville*  
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277 **MYELODYSPLASTIC SYNDROME - ONE YOUNG PATIENT'S ROAD TO REMISSION.**  
*CB Whitfield, NC Smith, M Mitchell, JM Kalada, A Mansurov and E Spradling, Johnson City, TN. East Tennessee State University James H Quillen College of Medicine*  
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278 **COINFECTION WITH MALARIA & EPSTEIN BARR VIRUS IN A PEDIATRIC PATIENT.**  
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279 **RETIFORM PURPURA IN MULTIPLE MYELOMA.**  
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280 **AN UNUSUAL CAUSE OF SIMULTANEOUS CEREBRAL STROKE AND LUMBAR PLEXOPATHY.**  
*MM Zafar, FA ALKaabba, A Hachem and F Ibrahim, Huntsville, AL. UAB Regional Campus, Huntsville Hospital*  
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281 **COVID INDUCED THYROID STORM.**  
*A Abbas, H Hall and LS Engel, New Orleans, LA. LSU Health Sciences Center*  
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282 **A CASE OF 2019 NOVEL CORONA VIRUS (COVID-19) PRESENTING WITH SPLENIC INFARCTION.**  
*M Abohelwa, M Elmassry, J Abdelmalek, Z Elharabi, E Elgwairi and D Payne, Lubbock, TX; Leicester, United Kingdom. Texas Tech University Health Sciences Center*  
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283 **DELAYED AUTOIMMUNE HEMOLYTIC ANEMIA AS A LATE COMPLICATION OF ARTESTUNATE THERAPY FOR SEVERE MALARIA.**  
*M Abohelwa, M Ali Hassan, M Elmassry, K Parmar, Z Elharabi and K Nugent, Lubbock, TX; Beirut, Lebanon. Texas Tech University System*  
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284 AN ATYPICAL PRESENTATION OF COVID-19 INFECTION WHO PRESENTED WITH MENINGEAL SIGNS.
M Abohelwa, M Elmassry, E Elgwairi, J Abdelmalek, FM Fernandez and D Payne, Lubbock, TX; Leicester, United Kingdom. Texas Tech University Health Sciences Center

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285 A CASE OF OZENA PRESENTING AS ASEPTIC MENINGITIS IN THE UNITED STATES.
U Aisueni, F Jaber, A Heidari, R Johnson, A Govindarajan, G Petersen, T Trang, P Pieper and R Kuran, Bakersfield, CA. Kern Medical Center

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286 PRIMARY CNS LYMPHOMA AND TOXOPLASMOSIS IN AN HIV PATIENT.
M Almas, M Harris and B Khandheria, Amarillo, TX. Texas Tech HSC School of Medicine (APA)

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287 ERYSIPELAS ASSOCIATED TO BACTEREMIA BY UNCOMMON ORGANISM BREVUNDIMONAS DIMINUTA.
JL Ayala Rivera, A Nieves-Ortiz, K Hernandez Moya and I Rivera-Nazario, Canovanas, PR. San Juan City Hospital

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288 CUTIBACTERIUM ACNES CUTS MORE THAN SKIN DEEP.
S Blankenship, A Baggett, J Faulk and M Hasan, Huntsville, AL. The University of Alabama at Birmingham

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289 A DIAGNOSTIC CHALLENGE IN AIDS: RING ENHANCING LESIONS.
D Dave, S Tasnim, A Tanbir, T Vo and T Naguib, Amarillo, TX. Texas Tech University Health Sciences Center, Amarillo

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290 RARE PRESENTATIONS OF OPPORTUNISTIC INFECTIONS IN AN AIDS PATIENT.
E Elgwairi, A Abdalla, GD Bedanie, M Elmassry, J Abdelmalek, M Abohelwa, S El Nawaa, M Zitun and J Lalmuanpuii, Lubbock, TX; Benghazi, Libya. TTUHSC (SSCI)

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291 PSEUDOMONAS AERUGINOSA INFECTIVE ENDOCARDITIS IN HEMODIALYSIS PATIENT WITH NO PRIOR INTRAVENOUS DRUG USE.
N Elzubeir, MA Tanbir, H Yousuf and S Milton, Amarillo, TX. Texas Tech University Health Sciences Center School of Medicine

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292 RECURRENT SALMONELLA OSTEOMYELITIS IN AN IMMUNOCOMPETENT PEDIATRIC HOST: A CASE REPORT.
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293 A CASE OF TRANSFUSION RELATED BACTERIAL INFECTION. 
M Germain, J Larrazolo, LS Engel and S Saito, New Orleans, LA. LSU Health Sciences Center

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294 MULTIFACTORIAL CAUSES OF DIARRHEA IN AIDS. 
M Germain and LS Engel, New Orleans, LA. LSU Health Sciences Center

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295 A RARE CASE OF CRYPTOCOCCAL MENINGITIS IN IMMUNOCOMPETENT PATIENT. 
A Gharamti, M Abohelwa, MA Ahmed, MR Mohamed, A Deb and D Payne, Lubbock, TX; Beirut, Lebanon. American University of Beirut

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296 LEGIONNAIRE'S DISEASE PRESENTING WITH FEVER AND GASTROINTESTINAL SYMPTOMS. 
H Hall, K Zamora, LS Engel and S Walvekar, New Orleans, LA. LSU Health Sciences Center

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297 INTRACRANIAL HEMORRHAGE ASSOCIATED WITH THERAPEUTIC ANTICOAGULATION IN THREE CRITICALLY ILL COVID-19 PATIENTS: A CASE SERIES. 
A Hallak, D Dave, F Mubeen, H Aljumaili, RI Hazam and T Naguib, Amarillo, TX. Texas Tech University Health Sciences Center, Amarillo

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298 CHANGES IN SERUM BIOMARKERS FOLLOWING NEONATAL LIPOPOLYSACCHARIDE EXPOSURE: IMPLICATIONS FOR SUDDEN INFANT DEATH SYNDROME. 
I Holla, P MacFarlane, TM Raffay, R Martin, C Mayer and J DiFiore, Jackson, MS; Cleveland, OH. University of Mississippi Medical Center UH Rainbow Babies and Children's Hospital

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299 AN UNUSUAL CASE OF CULTURE NEGATIVE CEREBELLAR ABSCESS. 
H Howard and P Yedla, Huntsville, AL. The University of Alabama at Birmingham

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300 A CASE OF FUSOBACTERIUM NUCLEATUM BACTEREMIA ASSOCIATED WITH METASTIC NEUROECTODERMAL TUMOR. 
F Jaber, D DeWhigg, A Heidari, R Johnson and R Kuran, Bakersfield, CA. Kern Medical
301 DELAYS IN HEPATITIS C FIBROSIS STAGING ON LIVER FUNCTION.
AT Jones, SD Sossamon, S Rhodes, F Tahmeena, P Kissinger and L Moreno-Walton, New Orleans, LA. Tulane University

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302 PERSISTENT FEVER WITH ACCOMPANYING BACK PAIN.
A Kala, A Reeves and L Reilly, New Orleans, LA. Louisiana State University Health Science Center (SSPR)

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303 TWO IN ONE COMBO! TREATING INCOMPLETE KAWASAKI'S AND MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN.
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304 HICKAM'S DICTUM VS. OCCAM'S RAZOR IN DIAGNOSING SUBACUTE BACTERIAL INFECTIVE ENDOCARDITIS.
B Kalayilparampil, S Philip, S Alhaj, A Hallak and T Naguib, Amarillo, TX. Texas Tech University Health Sciences Center School of Medicine

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305 EHRlichia MENINGOENCEPHALITIS AND SEVERE SEPSIS.
AM Larsen and K Martin, Tulsa, OK. The University of Oklahoma School of Community Medicine

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306 COVID-19 MYOCARDITIS: REPORT OF A RARE CASE.
GB Maniam, R Kusko, J Lovelace and T Naguib, Amarillo, TX. Texas Tech University Health Science Center

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307 INVASIVE PNEUMOCOCCAL DISEASE CONFIRMED IN FIVE DIFFERENT SITES INCLUDING AUSTRIAN'S SYNDROME IN A MALE PATIENT WITH METAMPHETAMINE ABUSE.
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308 AN ATYPICAL CASE OF VARICELLA-ZOSTER VIRUS (VZV) MENINGOENCEPHALITIS: ABSENT SKIN FINDINGS IN AN IMMUNOCOMPROMISED ADULT.
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309  PULMONARY ASPERGILLOSIS: A RARE CASE OF NECROTIZING PNEUMONIA.
A Nieves-Ortiz, V Fonseca-Ferrer, K Hernandez Moya and JL Ayala Rivera, Canovanas, PR. San Juan City Hospital

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310  LEGIONELLA OF DOOM.
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311  SPHINGOMONAS BACTEREMIA IN A HEALTHY 6-YEAR-OLD WITH STAPHYLOCOCCAL CELLULITIS.
MS Thompson and A Pandhi, Pensacola, FL. Ascension Sacred Heart Hospital Pensacola

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312  ACUTE POLYARTHRTIS SECONDARY TO ENTEROVIRUS IN A PEDIATRIC PATIENT.
D Peddisetty, N Amritphale and S Tengsupakul, Mobile, AL. University of South Alabama Children's and Women's Hospital

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P Ramani and F Norozian, Little Rock, AR. University of Arkansas for Medical Sciences

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314  CHALLENGES IN THE DIAGNOSIS OF COVID-19 PATIENTS.
M Riad, E Thottacherry and A Hassoun, Huntsville, AL. UAB Huntsville Regional Campus (SSGIM)

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315  BACTERIA AWAKENING: AN INFECTION WARRANTING WORK-UP.
D Roman Colon, San Juan, PR. VA Caribbean Healthcare System

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316  CLADOPHIALOPHORA BANTIANA BRAIN ABSCESS IN AN IMMUNOCOMPETENT PATIENT.
A Roy, J Johnsrud and A Kothari, Little Rock, AR. University of Arkansas for Medical Sciences (SAFMR)

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N Rus, MF Habib and T Naguib, Amarillo, TX; Amarillo, TX. Texas Tech University HSC Amarillo

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319 MYSTERIES OF SARS-COV-2.
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320 HSV... THE OTHER OTHER VIRAL HEPATITIS.
KW Sayers, E Oddo, B Zwain, LS Engel and S Sanne, New Orleans, LA. LSU Health
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321 A CASE OF THE HUMAN METAPNEUMOVIRUS.
JA Shaw, Q Aziz and A Hassoun, Huntsville, AL. The University of Alabama at Birmingham
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322 SUPRAVENTRICULAR TACHYCARDIA: A NEW PEDIATRIC COVID-19
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A Torres-Ortiz, M Mohamed, J Walker, I Lukitsch, CF Hernandez-Arroyo and J Velez, New
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324 CLINICAL OUTCOMES OF PATIENTS WITH END-STAGE KIDNEY DISEASE
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A Torres-Ortiz, M Mohamed and J Velez, New Orleans, LA. Ochsner Medical Center - New
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325 A CASE OF VERTEBRAL DEGENERATION.
DA Van, LS Engel, C Hayden, W Gibson, J Hurley and J Martinez, New Orleans, LA. LSU
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T Yau, D Barua, M Shaw, M Bulathsinghala, LS Engel and S Sanne, New Orleans, LA. LSU Health Sciences Center

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DL Bramm and P Clawson, Huntsville, AL. The University of Alabama at Birmingham School of Medicine

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AR Donahue, S Brown, S Singh, N Shokur, JB Burns, K Duvall and D Tuell, Johnson City, TN; Birmingham, AL. The University of Alabama at Birmingham

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S Hagan and C Hester, Oklahoma City, OK. The University of Oklahoma Health Sciences Center

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K Preston, M MacDonald and P Ingledew, Vancouver, BC, Canada. The University of British Columbia Faculty of Medicine

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M Almasri, M Mehdi, J Gonzalez and S Jain, Galveston, TX. University of Texas Medical Branch (SSPR)

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J Bolen, B Johnson and R Nandyal, Oklahoma City, OK. The University of Oklahoma College of Medicine

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335 RECURRENT URINARY TRACT INFECTIONS: AN UNUSUAL PRESENTATION IN A NEONATE.
M Crowley, EA Margolis, S Farooq and M Steinhardt, New Orleans, LA. Tulane University School of Medicine

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336 EVALUATING EARLY TOTAL PROTEIN INTAKE AND IN-HOSPITAL GROWTH IN EXTREMELY LOW BIRTHWEIGHT INFANTS.
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K Dillon, M Harsono, J Zhang and D Rana, Memphis, TN. The University of Tennessee Health Science Center College of Medicine

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338 ANNULAR PANCREAS IN A NEWBORN.
KE Fogle, RA Blake, RD Smalligan and J Gilbert, Huntsville, AL. UAB-Huntsville

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339 A CASE OF RUPTURED OMPHALOCELE, PATENT OMPHALOMESENTERIC DUCT, AND THE CONNECTION BETWEEN THEM.
R Gaini and Z Murrell, Huntsville, AL. UAB-Huntsville

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340 RARE THORACOABDOMINAL ANOMALIES IN A NEONATE WITH 22Q11.2 MICRODELETION.
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341 BILATERAL NON-COMPACTION CARDIOMYOPATHY IN A NEWONATE TREATED WITH EXTRACORPOREAL MEMBRANOUS OXYGENATION SUPPORT.
M Lago, A Tufton, C Mumphrey and T Bradford, New Orleans, LA. LSUHSC

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342 EARLY RECOGNITION OF NEC IN RURAL NURSERY.
K Lejeune and R Mangat, New Orleans, LA. Louisiana State University Health Sciences Center

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C Manjunath, C Galliani, K Crissinger and F Eyal, Mobile, AL. University of South Alabama

344 THE IMPACT OF PREMATURITY ON FALSE POSITIVE NEWBORN SCREENING RESULTS.
S Nandam, P Hillman and TO Findley, Southlake, TX. The University of Texas Health Science Center at Houston John P and Katherine G McGovern Medical School

345 SEVERE NEONATAL PRESENTATION OF BECKWITH-WIEDEMANN SYNDROME WITH REFRACTORY HYPOGLYCEMIA, BONY ABNORMALITIES AND AGNESIS OF THE CORPUS CALLOSUM.
A Nuttli, J Gallois and S Olistar, Metairie, LA. LSUHSC-New Orleans

346 EARLY ONSET NECROTIZING ENTEROCOLITIS AND PRENATAL AMPHETAMINE USE.
I Patel, D Shah and M Cantor, Johnson City, TN. East Tennessee State University

347 THE COAT-HANGER SIGN.
R Sakaria and AJ Talati, Memphis, TN. The University of Tennessee Health Science Center College of Medicine

348 A UNIQUE CASE OF NEONATAL PURPURA.
S Srimanthula and A MAKKAR, Oklahoma City, OK. The University of Oklahoma Health Sciences Center

349 ARTERY OF PERCHERON STROKE.
M Al Baghdadi, D Velu, K Ameen and KS Ivey, Huntsville, AL. UAB Huntsville Regional Medical Campus

350 A CASE OF SPONTANEOUS CENTRAL PONTINE MYELINOSIS.
H Aljumaili and D Dave, Amarillo, TX. Texas Tech University

351 PEDIATRIC BASILAR ARTERY STROKE.
EA Brew and S Deputy, New Orleans, LA. LSUHSC School of Medicine

352 A RARE CASE OF PONTOCEREBELLAR HYPOPLASIA TYPE 1B.
Y Cao, A Curta and F Litra, Pensacola, FL. University of Florida
353  HYPERSOMNIA AS A RARE PRESENTATION OF NEUROMYELITIS OPTICA.
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354  PROGRESSIVE RESPIRATORY FAILURE DUE TO ANTERIOR SPINAL CORD INFARCTION IN AN ADOLESCENT BOY.
CI Chinchilla Putzeys, M Batra, P Maertens and KP Sharma, Mobile, AL. *University of South Alabama Children's and Women's Hospital*

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355  CARDIAC SURGERY ON STROKE PATIENT WITHOUT WORSENING OF SYMPTOMS.
NB Helmstetter and EA Brew, New Orleans, LA. *Louisiana State University Health Sciences Center (SAFMR/SSCI Trainee Research Award Winner)*

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356  A NEW FAMILY OF X-LINKED ALPHA THALASSEMIA MENTAL RETARDATION SYNDROME HAS FEATURES MIMICKING SMITH-LEMLI-OPITZ SYNDROME.
B Jafar, KP Sharma and P Maertens, Mobile, AL. *University of South Alabama*

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357  MYASTHENIA GRAVIS: A RARE PRESENTATION OF RENAL CELL CARCINOMA IN THE ABSENCE OF UROLOGIC SYMPTOMS.
H Jhaveri, DS Nichols, S Streit and G Masri, Gainesville, FL; Jacksonville, FL. *University of Florida*

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358  FROM STREP TO STROKE: EMBOLIC STROKE AS AN UNUSUAL CONSEQUENCE OF MITRAL STENOSIS.
JP Mitchell, KE Glosemeyer, C Terrell and F Ibrahim, Huntsville, AL. *The University of Alabama at Birmingham School of Medicine Huntsville*

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359  MASSIVE INTRACRANIAL ABSCESS IN A PEDIATRIC PATIENT PRESENTING AS ACUTE NEUROLOGICAL DEFICITS.
T Modi, P Bluhm, GB Maniam, W Payton and R Lampe, Lubbock, TX. *Texas Tech Health Sciences Center*

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360  A CASE OF TRANSIENT GLOBAL AMNESIA IN A 48 YEAR OLD FEMALE.
TS Montet, D Wisa and LS Engel, New Orleans, LA. *LSU Health Sciences Center*

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361  ADULT ONSET LEUKODYSTROPHY WITH RECURRENT HYPOTHERMIA.
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T Philip and M Steichen, Tulsa, OK. OU College of Medicine

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K Sawalha, S Adeodokun and R Kamoga, Batesville, AR. White River Health System (SAFMR)

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K Singhapakdi, J Gonzalez, R Bhat and P Maertens, Mobile, AL. University of South Alabama

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AV Varma-Doyle, LA Branch and BJ Copeland, New Orleans, LA. LSUHSC (SAFMR/SSCI Trainee Research Award Winner) (SAFMR)

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AV Varma-Doyle, D Neupert and S Perez, New Orleans, LA. LSUHSC (SAFMR)

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PM Velasco Corrada, F Aponte and A Cordova, Guaynabo, Puerto Rico. Universidad de Puerto Rico

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O Verdecie, V Losada, JF Lovera and EC Mader, Jr, New Orleans, LA. LSU Health Sciences Center

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BC Anding, A CaJacob and N CaJacob, Birmingham, AL. University of Alabama at Birmingham
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KL Angelle, New Orleans, LA. LSU

MALNUTRITION-INDUCED GASTROPARESIS IN THE SETTING OF NUTRITIONAL REHABILITATION.
A Bearison, BK Pangli and SB Palombo, New Orleans, LA. University of New Orleans

BIRTH TRAUMA MASQUERADING AS CHILD PHYSICAL ABUSE.
C Beeson and L Conway, Tulsa, OK. OU/TU School of Community Medicine

SEVERE PANCYTOPENIA INDUCED BY VALPROIC ACID.
E Bergez and A Wahba, Houston, TX. The University of Texas Health Science Center at Houston

A UNIQUE CASE OF GONOCOCCAL PRESEPTAL CELLULITIS IN AN ADOLESCENT WITH CEPHALOSPORIN ANAPHYLAXIS.
N Buynak and R Welliver, Oklahoma City, OK. Oklahoma University Medical Center

ATYPICAL X-RAY PRESENTATION OF PNEUMOPERITONEUM POST KASAI PROCEDURE.
Y Cao and A Fernandez Bowman, Pensacola, FL. Ascension Sacred Heart Hospital Pensacola

ACUTE ACALCULOUS CHOLECYSTITIS IN A PEDIATRIC PATIENT.
K Chen, RD Smalligan and S Battle, Huntsville, AL. UAB-Huntsville Campus

PUI: PREVIOUSLY UNEXPECTED INCIDENTALOMA.
G Daniels and K Six, Fultondale, AL. The University of Alabama at Birmingham (SSPR)

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C DeVette, C Ali, D Hahn and S DeLeon, Oklahoma City, OK. The University of Oklahoma Health Sciences Center The Children's Hospital

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KE Fogle, RA Blake and TT Fleenor, Huntsville, AL. UAB-Huntsville
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KM Galipp, KA Beg, R Welliver and A Baker, Oklahoma City, OK. University of Oklahoma Health Sciences Center

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381 A DEVIATION FROM THE TYPICAL BRAIN INFECTION.
PC Guillory, N Evans, M Bolton, J Stevenson and J Hughes, New Roads, LA. Our Lady of the Lake Regional Medical Center

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382 DEVELOPMENTAL VENOUS ANOMALY PRESENTING AS ACUTE SYNCOPE AND ATAXIA: A CASE REPORT AND LITERATURE REVIEW.
A Hackett, IL Bustamante, D Dwhitt and L Mandviwala, Bakersfield, CA; Miramar, FL. Kern Medical Center Ross University School of Medicine

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383 UNEXPLAINED WEIGHT LOSS AND DYSPHAGIA IN A PATIENT WITH CEREBRAL PALSY.
AY Hammouda, S Devabhaktuni and JJ Burns, Pensacola, FL. University of Florida

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384 ACUTE KIDNEY FAILURE- NOT YOUR TYPICAL APPENDICITIS.
K Higgins and P Lane, Oklahoma City, OK. The University of Oklahoma Health Sciences Center

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385 DAPTOMYCIN USE FOR COMPLICATED SKIN INFECTIONS, NOT JUST FOR ADULTS.
M Hood and E Dobish, Germantown, TN; Memphis, TN. University of Tennessee Health Science Center

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386 PENILE INJURY IN INFANT MALE: ACCIDENT OR ABUSE?
GS Jones and L Conway, Jenks, OK. The University of Oklahoma Health Science Center-Tulsa School of Community Medicine

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387 PERICARDIA CYST IN 17-YEARS-OLD MALE PRESENTED WITH CHEST PAIN MIMICKING PERICARDITIS.
A Kamil and M Steiner, Pensacola, FL. University of Florida

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388 LECLERCIA ADECARBOXYLATA CELLULITIS IN A SEVEN-YEAR-OLD IMMUNOCOMPETENT CHILD: CASE REPORT AND LITERATURE REVIEW.
F Karim and MS Thompson, Pensacola, FL. Ascension Sacred Heart Hospital Pensacola

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N Kattar, M Matossian and R Warrier, New Orleans, LA. Ochsner Medical Center - New Orleans UQ-Ochsner School of Medicine

ALTERED MENTAL STATUS, SYNCOPE, HYPOGLYCEMIA, AND DIARRHEA IN A COMPLEX PEDIATRIC PATIENT.
JE King and T Lukenbill, Charleston, SC. Medical University of South Carolina

AGGREGATIBACTER APHROPHILUS CULTURE-NEGATIVE ENDOCARDITIS IN A PEDIATRIC PATIENT DIAGNOSED VIA MICROBIAL CELL-FREE DNA TEST.
C Kutz, M Shenep, M Hood, M Barnhart, S Pishko and M Carrillo-Marquez, Memphis, TN. The University of Tennessee Health Science Center LeBonheur Children's Hospital

SHRUNKEN HEADS AND TINNITUS: ALICE IN WONDERLAND SYNDROME AS A SEQUELAE TO INFLUENZA A.
AR Kuzel and A Hanson, Louisville, KY. University of Louisville School of Medicine

IS THIS NOT ANOTHER CASE OF CEREBRAL EDEMA IN DKA?
CG Lares Romero and P Craddock, Ridgeland, MS. University of Mississippi (SSPR)

ALTERED MENTAL STATUS PRESENTING TO THE PEDIATRIC EMERGENCY DEPARTMENT.
V Laudarji, C Wallace and P Ghosh, Birmingham, AL. University of Alabama at Birmingham

ATYPICAL PNEUMONIA WITH MUCOCUTANEOUS ERUPTION: ADVERSE DRUG REACTION OR MIRM?
D Le, L Moraczewski and S Devlin, Norfolk, VA. Eastern Virginia Medical School

KIKUCHI -FUJIMOTO DISEASE: ATYPICAL PRESENTATION WITH FEVER OF UNKNOWN ORIGIN AND ABDOMINAL LYMPHADENOPATHY.
C Manjunath, L Thai, S Anderson, J Polski, MR Roca Garcia and S Tengsupakul, Mobile, AL. University of South Alabama

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DRUG RESISTANT SALMONELLA TYPHI.

EA Margolis, J Rabon, C Petrin, R Steele, H Martin and A Wright, New Orleans, LA. Tulane University Health Sciences Center

TEN-YEAR-OLD WITH RASH AND FEVER: ATYPICAL PRESENTATION OF KAWASAKI DISEASE.

KP Martin and LH Ali, Tulsa, OK. OU SCM (APA)

SCIMITAR SYNDROME.

M Massey, RD Smalligan and S Battle, Huntsville, AL. UAB-Huntsville

NON-BLOODY, NON-BILIOUS EMESIS WITH A TWIST.

D McNeill and G Daniels, Birmingham, AL. University of Alabama at Birmingham

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R Metts, SL Short, SB Palombo, J McKone and M Opel, New Orleans, LA. Children’s Hospital of New Orleans, Louisiana State University Health Sciences Center

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C Meyer, A Gubbels, J Morris and NP Shah, Mountainbrook, AL; Birmingham, AL. University of Alabama

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K Miller and N Tofil, Birmingham, AL. University of Alabama

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J Mintz, M Jameson, L Akinseye and E Los, Johnson City, TN; Memphis, TN. East Tennessee State University James H Quillen College of Medicine

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503 COLLAPSING GLOMERULOPATHY IN A PEDIATRIC KIDNEY TRANSPLANT RECIPIENT WITH COVID-19.
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J Pham and J Velez, Metairie, LA; New Orleans, LA. Ochsner Health System (SAFMR/SSCI Trainee Research Award Winner)

509 CHARACTERISTICS OF IGA NEPHROPATHY IN AFRICAN AMERICAN KIDNEY TRANSPLANT RECIPIENTS.
A Rajasekaran, B Julian, J Novak and D Rizk, Birmingham, AL. University of Alabama at Birmingham (SSCI Nephrology Young Investigator Scholar Award Winner)

510 REFRACTORINESS OF HYPERKALEMIA AND HYPERPHOSPHATEMIA IN DIALYSIS-DEPENDENT ACUTE KIDNEY INJURY ASSOC. WITH COVID-19.
A Ramanand, V Varghese, Y Wen, M Mohamed and J Velez, New Orleans, LA. Ochsner Clinical School- The University of Queensland

511 A RED-RASH HERRING.
A Richard, E Reisin, S Barry, A Shepard, EA Aguilar and SA Morse, New Orleans, LA. Louisiana State University Health Sciences Center

512 A CASE OF DIZZYING CONCENTRATION.
A Richard, E Reisin, EA Aguilar, S Barry and SA Morse, New Orleans, LA. Louisiana State University Health Sciences Center

513 ADRENAL INSUFFICIENCY IN A SICKLE CELL PATIENT.
A Shepard, A Richard, S Barry, EA Aguilar, E Reisin and SA Morse, New Orleans, LA. Louisiana State University Health Sciences Center

514 A CASE OF ACUTE PARALYSIS.
SL Short and I Ashoor, New Orleans, LA. Louisiana State University Health Sciences Center

515 ASSOCIATION OF MYOCARDIAL INFARCTION WITH PSORIASIS IN END-STAGE RENAL DISEASE (ESRD) PATIENTS.
N Siddiquee, J Waller, SL Baer, M Kheda, AA Mohammed, S Padala, B Siddiqui, L Young, S Tran and W Bollag, Augusta, GA. Augusta University
516 MYELOMA KIDNEY AND KAPPA-LIGHT CHAIN CRYSTAL-STORING HISTIOCYTOSIS.
R Sinha, CA Cassol, MA Sharshir, MJ Atari and F Teran, New Orleans, LA; Little Rock, AR. Tulane University

Abstract 638

517 PREDOMINANCE OF MITOCHONDRIAL PROTEIN COMPOSITION IN URINARY SEDIMENT ENRICHED WITH MUDDY BROWN GRANULAR CASTS DURING ACUTE TUBULAR NECROSIS.
V Varghese, M Golbus, F Abbruscato, M Janech and J Velez, New Orleans, LA; Charleston, SC. Ochsner Health System (SAFMR/SSCI Trainee Research Award Winner)

Abstract 639

518 INCIDENCE OF NEW ONSET PROTEINURIA IN ACUTE KIDNEY INJURY ASSOCIATED WITH COVID-19 NOT GREATER THAN ACUTE KIDNEY INJURY FROM OTHER CAUSES.
V Varghese, J Velez and M Mohamed, New Orleans, LA. Ochsner Health System

Abstract 640

519 URINARY WAXY CASTS ARE ASSOCIATED WITH PERSISTENCE OF ACUTE KIDNEY INJURY REQUIRING DIALYSIS.
V Varghese, M Rivera, A Ramanand, A Alalwan and J Velez, New Orleans, LA. Ochsner Health System

Abstract 641

520 MORBID OBESITY, HYPERTENSION AND MALE SEX ARE ASSOCIATED WITH GREATER RISK FOR ACUTE KIDNEY INJURY IN PATIENTS WITH COVID-19.
J Walker, I Lukitsch, AE Mohammed, A Torres-Ortiz, M Mohamed and J Velez, Jefferson, LA. Ochsner Health System (SAFMR/SSCI Student Research Award Winner)

Abstract 642

521 FILTER CLOTTING, ANTICOAGULATION AND DURATION OF SLED IN PATIENTS WITH COVID-19 AND ACUTE KIDNEY INJURY.
Y Wen, JR LeDoux, A Ramanand, K Scharwath, D Mundy, M Mohamed and J Velez, New Orleans, LA. Ochsner Health System (SSCI Young Investigator Award)

Abstract 643

522 COMPARING HEMODIALYSIS MODALITIES IN THE TREATMENT OF END-STAGE RENAL DISEASE STROKE PATIENTS.
MC Morgan, J Waller, W Bollag, SL Baer, S Padala, B Siddiqui, V Spearman, K Mufaddal, AA Mohammed, Augusta University, Augusta, GA, Augusta VA Medical Center, Augusta, GA.

Abstract 644