SRM Future Meetings - Save the Date
February 10-12, 2022
February 2-4, 2023
December 9, 2020

Dear Colleagues,

We welcome you to the 2021 Virtual 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
# 2021 Virtual Southern Regional Meeting
## Program at-a-Glance

**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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<tr>
<td><strong>THURSDAY, FEBRUARY 25, 2021</strong></td>
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</table>
| 9:30 am – 10:45 am    | Adult Clinical Case Symposium  
Neonatal Case Report Symposium  
Pediatric Clinical Case Symposium |
| 11:00 am – 12:30 pm   | Cardiovascular Club                                                                |
| 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.* |
| 12:15 pm – 1:00 pm    | BREAK                                                                               |
| 1:00 pm – 2:30 pm     | Adolescent Medicine and Pediatrics  
Case Reports in Cardiovascular Medicine                                                |
<p>| 2:45 pm – 4:15 pm     | Allergy, Immunology, Inflammation, and Rheumatology                                 |</p>
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<tr>
<th>Time</th>
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<tr>
<td>4:30 pm – 6:30 pm</td>
<td><strong>Infectious Diseases, HIV and AIDS</strong></td>
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<td><strong>Room 2</strong></td>
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<td><strong>JOINT POSTER SESSION</strong></td>
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<td><em>See page 39 for poster listing</em></td>
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<td><strong>Room 1</strong></td>
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<td>Adolescent Medicine and Pediatrics</td>
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<td>Endocrinology and Metabolism</td>
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<td>Gastroenterology, Nutrition &amp; Dietary Supplements</td>
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<td>Health Care Research, Quality Improvement &amp; Patient Safety, Population</td>
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<td>Health &amp; Precision Medicine</td>
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<td>Infectious Diseases, HIV and AIDS</td>
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<td>Neonatology Clinical Case</td>
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<td>Neurology and Neurobiology</td>
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<td>Pulmonary and Critical Care Medicine</td>
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<td>Renal, Electrolyte, and Hypertension</td>
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### FRIDAY, FEBRUARY 26, 2021

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<tr>
<td>9:00 am – 10:30 am</td>
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<td><strong>Hematology and Oncology</strong></td>
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<td>10:45 am – 12:15 pm</td>
<td><strong>Gastroenterology, Nutrition &amp; Dietary Supplements</strong></td>
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<td>12:15 pm – 1:00 pm</td>
<td><strong>BREAK</strong></td>
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<td><strong>Cardiovascular</strong></td>
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<td><strong>Medical Education, Medical Ethics, Advocacy</strong></td>
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<td>2:45 pm – 4:15 pm</td>
<td><strong>Neurology and Neurobiology</strong></td>
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<td>9:00 am – 10:15 am</td>
<td>SSCI and SAFMR Plenary Session</td>
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<td>9:00 am – 11:00 am</td>
<td>SSPR Plenary Session</td>
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<td>1:00 pm – 2:45 pm</td>
<td>Joint Plenary Session</td>
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<td>Southern Society for Clinical Investigation</td>
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<td>Southern Section – American Federation for Medical Research</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 biological considerations</strong></td>
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<td>Timothy Sheahan, <em>Gillings School of Global Public Health, University of 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 create 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
Manvijot 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
Khalid Pasha, Lenox Hill Hospital
Ronak Patel, Ochsner Health System
Ellen Petryna, University of Tennessee Health Science Center
Jennifer Pham, Ochsner Health System
Jennifer Prevoit, 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 Ghafoori, Texas Tech University Health Sciences Center
Sally McClung, University of Mississippi Medical Center
Hemanth Nannapaneni, University of Mississippi Medical Center
Saithiriharan Nedunchezhiyan, 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 Mudumuru, Emory University
Arun Rajasekaran, University of Alabama at Birmingham
Terrance Wickman, Ochsner Health System
SSCI Young Investigator Award

Barbara Mantilla, Texas Tech University

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

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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  CANCELLED
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 R
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
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

Abstract 7

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

Abstract 8

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

Abstract 9

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

Abstract 10

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

Abstract 11

10:30 RARE PRESENTATION OF INTESTINAL PERFORATION RELATED TO AN OMPHALOMESENTERIC 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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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
10:42 QUESTION ANSWER

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CARDIOVASCULAR CLUB

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SOUTHERN SOCIETY FOR PEDIATRIC RESEARCH
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)

Abstract 19

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)

Abstract 20

11:20 THE CLINICAL ROLE OF SUPERCONDUCTION AND ENTANGLEMENT WITH THE QUANTUM STATE IN PAIRED ISOLATED HEART MYOCITES-RELATED TO HEART FUNCTION.
P I 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

Abstract 21

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)

Abstract 22
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)

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)

12:00 QUESTION AND ANSWERS

MOVING YOUR CLINICAL CASE PRESENTATION INTO A PUBLISHED MANUSCRIPT

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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

11:27 PEDIATRIC CASE DISCUSSION – Marcella Houser

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

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

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

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

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

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

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

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)

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)

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)

1:30 CARDIAC TAMPOANADE 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)

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)

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)

2:00 QUESTION AND ANSWERS
Jim Oates, Presiding

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.
P P 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
INFECTIONOUS DISEASES, HIV AND AIDS

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ACADEMIC PEDIATRIC ASSOCIATION

THURSDAY, FEBRUARY 25, 2021
2:45 PM – 4:15 PM
Room 2

Ronnie Gravett, Presiding

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 CLOSTRIDIOIDES 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 MICRORNAs ON THE TUMORIGENESIS OF COLORECTAL CANCER USING ORTHOTOPIC XENOGRAFT MOUSE MODEL.

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)

9:20 THE GENE EXPRESSION PROFILE OF TRIPLE-NEGATIVE BREAST CANCER AFTER NEOADJUVANT CHEMOTHERAPY.
A Philipovskiy, 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)

9:30 HIGH FALSE NEGATIVE RATE AND HIGH MORTALITY: COVID-19 INFECTION IN PATIENTS WITH HEMATOLOGICAL MALIGNANCIES.
A Niu, B Ning, T Hu and NS Saba, New Orleans, LA. Tulane University School of Medicine (SAFMR/SSCI Trainee Research Award Winner)

9:40 GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE PREVENTS DELETERIOUS EFFECTS OF ANTI-TUMOR DRUG ETOPOSIDE ON VASCULAR SMOOTH MUSCLE CELLS.
I Nikoll, P Delafontaine 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 Magratth, A Hartono and S Lee, New Orleans, LA. Tulane University School of Medicine

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

Alexandria Caldwell 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)
1:10 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)

1:20 ASSESSMENT OF THE CORRELATION BETWEEN CAROTID ARTERY MEAN INTIMA-MEDIA THICKNESS AND BRAIN NATRIURETIC PEPTIDE IN PATIENTS WITH PSORIASIS.
F Etaree, M Shahidi-Dadras, N Niknezhad, 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)

1:30 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)

1:40 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)

1:50 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 Berstoni, 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)

2:00 QUESTION AND ANSWERS
Caroline Abercrombie and Alexandria Caldwell, Presiding

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

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

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

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

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

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

2:00  QUESTION AND ANSWERS
NEUROLOGY AND NEUROBIOLOGY

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FRIDAY, FEBRUARY 26, 2021
2:45 PM – 4:15 PM
Room 1

Prem Kandiah and Julie Kurek, 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
Abstract 87

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)
Abstract 88

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
Abstract 89

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
Abstract 90

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
Abstract 91

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)
Abstract 92

3:45 QUESTION AND ANSWERS
Charitharth V. Lal, Presiding

2:45  VARIANT 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
RENAL, ELECTROLYTE AND HYPERTENSION

Jointly sponsored by

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

FRIDAY, FEBRUARY 26, 2021
4:30 PM – 6:00 PM
Room 2

Dana Rizk and Leslie Gewin, Presiding

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

Abstract 114
SSCI YOUNG INVESTIGATOR AWARD FOR GENERAL INTERNAL MEDICINE
ENGAGEMENT IN DEPRECESCRIPTING 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-TRANSITIONAL 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
**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 Tomas, 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
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)  

Abstract 117

9:10 QUESTION AND ANSWERS

9:15 ENDOTHELIAL ADENOSINE MONOPHOSPHATE-ACTIVATED PROTEIN KINASE ALPHA (AMPKα) DEFICIENCY POTENTIATES HYPOXIA-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)  

Abstract 118

9:25 QUESTION AND ANSWERS

9:30 LOSS OF GROWTH AND DIFFERENTIATION FACTOR 15 EXACERBATES NEONATAL HYPOXIC LUNG INJURY.  
F Al-Mudares and K Lingappan, Houston, TX. Baylor College of Medicine (SSPR Basic Science Young Investigator Award Finalist)  

Abstract 119

9:40 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)  

Abstract 120

9:55 QUESTION AND ANSWERS
10:00 ALGORITHMIC MODEL FOR ACCURATE AND TIMELY DIAGNOSES OF APPENDICITIS IN CHILDREN.
E Floresz, 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)

Abstract 121

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)

Abstract 122

10:25 QUESTION AND ANSWERS

10:30 PRESENTATION OF SSPR YOUNG INVESTIGATOR AWARDS

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

Stephanie Baer, 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
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
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
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
Hematology and Oncology
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

Adolescent Medicine and Pediatrics

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

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

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

40
4 GASTRIC PERFORATION: A RARE COMPLICATION IN ANOREXIC PATIENTS.
A Hassan, A Landmann, S Lawlis, A Ruiz-Elizalde and AB Middleman, Oklahoma City, OK. The University of Oklahoma Health Sciences Center

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

41
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 Ivyanskiy 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
22 **FOURTH TIME’S THE CHARM: THE IMPORTANCE OF CLINICAL JUDGEMENT IN COVID-19.**
*CM Cepejo-Jimenez, E Partida-Rodriguez, V Vando-Rivera, AM Bonano-Rios and J Gutierrez-Nuñez, Aibonito, Puerto Rico; San Juan, Puerto Rico. VA Caribbean Healthcare System*

23 **OVERFLOW DIARRHEA AND AKI DUE TO FECAL IMPACTION.**
*D Dave, I Ivyanskiy and T Naguib, Amarillo, TX. Texas Tech University Health Sciences Center, Amarillo*

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

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

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

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

28 **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*

29 **"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)*

30 **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*
31 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 Birmingham - Huntsville Regional Medical Center

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 GANGRENOsum.
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

Allergy, Immunology, Inflammation, and Rheumatology

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 TAMPONADE.
49. **ACUTE GENERALIZED SKIN ERUPTIONS IN A PATIENT WITH CORONAVIRUS DISEASE-2019 PNEUMONIA: SEVERE GENERALIZED URTICARIA.**

_Etaee, M Eftekharian, Z Hashemi, N Niknezhad, A Suggs and T Naguib, Amarillo, TX; Durham, NC; Tehran, Iran (the Islamic Republic of); Hamadan, Iran (the Islamic Republic of). Texas Tech University Health Sciences Center_

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50. **A RARE SKIN COMPLICATION OF HYDROXYCHLOROQUINE THERAPY FOR POSITIVE CORONAVIRUS DISEASE 2019 INFECTION: ACUTE GENERALIZED EXANTHEMATOUS PUSTULOSIS.**

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365 DOPAMINE TRANSPORTER SPECT IMAGING DEMONSTRATES SELECTIVE NEURODEGENERATION OF CAUDATE/PUTAMEN IN HIV-AIDS PATIENT WITH AKIENETIC PARKINSONISM.
AV Varma-Doyle, LA Branch and BJ Copeland, New Orleans, LA. LSUHSC (SAFMR/SSCI Trainee Research Award Winner) (SAFMR)

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366 NEUROSARCOIDOSIS WITH OCCULT SYSTEMIC MANIFESTATIONS.
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367 PRIAPISM: CLINICAL MANIFESTATION OF SPINAL CORD INJURY.
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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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369 WHEN FUNCTIONAL ABDOMINAL PAIN GETS A TAGALONG.
BC Anding, A CaJacob and N CaJacob, Birmingham, AL. University of Alabama at Birmingham

370 LETHARGY AND POOR FEEDING DUE TO HYPERAMMONEMIA IN A SIX-DAY OLD MALE.
KL Angelle, New Orleans, LA. LSU

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A Bearison, BK Pangli and SB Palombo, New Orleans, LA. University of New Orleans

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

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E Bergez and A Wahba, Houston, TX. The University of Texas Health Science Center at Houston

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375 ATYPICAL X-RAY PRESENTATION OF PNEUMOPERITONEUM POST KASAI PROCEDURE.
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376 ACUTE ACALCULOUS CHOLECYSTITIS IN A PEDIATRIC PATIENT.
K Chen, RD Smalligan and S Battle, Huntsville, AL. UAB-Huntsville Campus

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378 ACUTE RHEUMATIC FEVER IN A COVID-19 POSITIVE PEDIATRIC PATIENT.
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379 PEDIATRIC SPINAL EPIDURAL ABSCESS.
KE Fogle, RA Blake and TT Fleenor, Huntsville, AL. UAB-Huntsville

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380 PEDIATRIC REFRACTORY SECONDARY HEMOPHAGOCYTIC LYMPHOHISTIOCYTOSIS SUCCESSFULLY TREATED WITH EMAPALUMAB.
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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 Dhwitt and L Mandviwala, Bakersfield, CA; Miramar, FL. Kern Medical Center Ross University School of Medicine

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384 ACUTE KIDNEY FAILURE- NOT YOUR TYPICAL APPENDICITIS.
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M Hood and E Dobish, Germantown, TN; Memphis, TN. University of Tennessee Health Science Center

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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A Kamil and M Steiner, Pensacola, FL. University of Florida

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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

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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

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AR Kuzel and A Hanson, Louisville, KY. University of Louisville School of Medicine
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D Le, L Moraczewski and S Devlin, Norfolk, VA. Eastern Virginia Medical School
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C Manjunath, L Thai, S Anderson, J Polski, MR Roca Garcia and S Tengsupakul, Mobile, AL. University of South Alabama
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KP Martin and LH ALI, Tulsa, OK. OU SCM (APA)
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R Metts, SL Short, SB Palombo, J McKone and M Opel, New Orleans, LA. Children’s
403 SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS 2 INFECTION IN NEONATES SEEN IN PEDIATRIC EMERGENCY DEPARTMENT REQUIRING HOSPITALIZATION: A CASE SERIES.
C Meyer, A Gubbels, J Morris and NP Shah, Mountainbrook, AL; Birmingham, AL. University of Alabama

404 DISSEMINATED HSV IN A NEONATE PRESENTING WITH HYPOXIA.
K Miller and N Tofil, Birmingham, AL. University of Alabama

405 PEDIATRIC DIABETIC KETOACIDOSIS PRESENTING WITH STREPTOCOCCUS INTERMEDIUS BRAIN ABSCESS.
J Mintz, M Jameson, L Akinseye and E Los, Johnson City, TN; Memphis, TN. East Tennessee State University James H Quillen College of Medicine

406 IF YOU GIVE A MECKEL'S A NICKEL.
C Montcalm, S Pool, E Poindexter and G Lugo, Birmingham, AL. University of Alabama at Birmingham

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F Munir and AF Bowman, Pensacola, FL. University of Florida

408 AN AUTOIMMUNE BASIS FOR POSTURAL ORTHOSTATIC TACHYCARDIA SYNDROME.
F Munir, B Horn, H Li, X Yu and D Kem, Gainesville, FL; Pensacola, FL; Oklahoma City, OK. University of Florida

409 ADOLESCENT MALE WITH SPONTANEOUS STAPHYLOCOCCAL PYOMYOSITIS.
A Northcutt, A Larsen, F Ramirez-Cueva, K Bielefeld, K Martin and L Stuemky, Tulsa, OK. OU School of Community Medicine

410 AUTOIMMUNE ENCEPHALITIS: NOTHING TO BRUSH OFF.
M Patel, J Arnold, A Flangini and D Breen, Chattanooga, TN. The University of Tennessee at Chattanooga

411 KLEBSIELLA SPINAL DISCITIS COMPLICATED BY A VENTRAL EPIDURAL
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MD Patel, F Karim, F Litra and PN Maurtua, Pensacola, FL. Ascension Sacred Heart Hospital Pensacola

SYSTEMIC LUPUS ERYTHEMATOSUS.
K Procartione, M Burke and S Lefevre, New Orleans, LA. Louisiana State University

ANTI-MYELIN OLIGODENDROCYTE GLYCOPROTEIN ANTIBODY ASSOCIATED MYELITIS IN A 4-YEAR-OLD FEMALE WITH HUMAN METAPNEUMOVIRUS.
S Prudencio, P Sharma and J Irazuzta, Jacksonville, FL. University of Florida College of Medicine - Jacksonville

PRECOCIOUS PUBERTY AND AN OVARIAN MASS: A RARE CASE OF MCCUNE ALBRIGHT SYNDROME.
P Pungwe, D Ukwade, GB Maniam, R Dean, A Batson and A Lunsford, Amarillo, TX. Texas Tech University Health Sciences Center

AGITATED ADULT IN A PEDIATRIC HOSPITAL.
AE Quantrille and M Kleinman, Memphis, TN. The University of Tennessee Health Science Center, Lebonheur Children's Hospital

IRON DEFICIENCY ANEMIA AND RICKETS PRESENTING IN BREASTFED TWINS.
R Ramakrishnan, C Ilonze and S Goslings, Mobile, AL. University of South Alabama

NOT AN UNCOMMON CAUSE OF PEDIATRIC ABDOMINAL PAIN.
P Ramani, K Cushmanick and J Killingsworth, Little Rock, AR. University of Arkansas for Medical Sciences

THE GREAT MIMICKER:SLE MASQUERADING AS ACUTE LEUKEMIA.
MH Robbins, M McNaul and C Spencer, Madison, MS. University of Mississippi Medical Center

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Z Saleh, S Khera and S Gavvala, Houston, TX. The University of Texas Health Science Center at Houston John P and Katherine G McGovern Medical School (APA)
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A Sarma, K Pomeroy and A Wright, New Orleans, LA. Tulane University Ochsner Medical Center - New Orleans

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421 ATYPICAL KAWASAKI DISEASE PRESENTING WITH ACUTE ATAXIA.
A Sheikh, R Rawhani and MR Roca Garcia, Mobile, AL. USA Children's and Women's Hospital

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422 NEONATAL VESICULAR LESIONS.
T Shepherd, J Coote, A Proaño, P Kretschmar, E Sack and A Wright, New Orleans, LA. Tulane Medical Center

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423 SUCCESSFUL USE OF A HUMERUS INTRAOSSEOUS LINE DURING INFANT RESUSCITATION.
JZ Steed, T Stubbs, C Jordan and S Schexnayder, Little Rock, AR. University of Arkansas Medical Sciences

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424 ANEMIA AS AN INITIAL PRESENTATION OF CYSTIC FIBROSIS IN INFANCY.
JL Talibi, E Pivnick and P Chesney, Memphis, TN. University of Tennessee Health Science Center

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425 WHEN BRONCHIOLITIS DOESN’T MAKE SENSE: ALVEOLAR HEMORRHAGE IN AN INFANT WITH UNDIAGNOSED WISKOTT-ALDRICH SYNDROME.
A Tran, KM Galipp, L Parker, R Shah, J Journeycake and CK Walsh, Oklahoma City, OK. Oklahoma University Medical Center (SSPR)

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426 A UNIQUE NEONATAL CHEST WALL ANOMALY WITH COMPLETE STERNAL CLEFT AND AN EXTRATHORACIC MASS.
A Tufton, S Cheang, F Gray, D Gottlieb-Sen, G Mundinger, G Pridjian, S Yang and J Surcouf, New Orleans, LA; Baltimore, MD., Louisiana State University Health Sciences Center

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427 STROKE OF BAD LUCK.
P Upadhyay, CR Briones, TM Tran and E Hauck, Baton Rouge, LA; New Orleans, LA. Our Lady of the Lake Regional Medical Center

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*HL Valdin, BK Pangli, A Farge, I Hill and MR Houser, New Orleans, LA. LSU/Children’s Hospital*

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*A Willis, J Deyo, M Bolton and A Uzodi, Baton Rouge, LA. Our Lady of the Lake Regional Medical Center*

EFFECT OF MEAN AIRWAY PRESSURE ON ACUTE KIDNEY INJURY IN MECHANICALLY VENTILATED VERY LOW BIRTH WEIGHT BABIES DURING FIRST WEEK OF LIFE.
*A Akhtar, M Hanna, A Chishti, A Schadler and P Bhandary, Lexington, KY. University of Kentucky*

TRENDS OF GASTROSCHISIS IN SOUTHWEST ALABAMA OVER 27 YEARS.
*M Batra, H Alemayehu, C Hartin, F Eyal and M Zayek, Mobile, AL. University of South Alabama*

EFFECT OF MULTIMODAL STIMULATION WITH LIVE MUSIC THERAPY ON PRETERM INFANTS IN THE NICU.
*T Borcky, J Desai, T Brown, K Upadhyay and AJ Talati, Memphis, TN; Seattle, WA. University of Tennessee Health Science Center*

COMPLETE BLOOD COUT (CBC) BIOMARKERS FOR ASSESSMENT OF LATE-ONSET SEPSIS (LOS) AND NECROTIZING ENTEROCOLITIS (NEC) IN PREMATURE INFANTS.
*G Castano Heredia, G Luger, DC McCurnin and D Kamat, San Antonio, TX. UTHSCSA*

INSULIN DISTRIBUTION IN THE BRAIN FOLLOWING INTRANASAL ADMINISTRATION IN THE NEONATAL RAT.
*KE Childers, JW Lee, E White, N Dankhara, L Fan and AJ Bhatt, Jackson, MS. University of Mississippi*

DIAGNOSTIC YELD OF TARGETED GENETIC TESTING FOR CHOLESTASIS IN A NICU POPULATION.
*D Chilukuri and D Dinu, Houston, TX. Baylor College of Medicine*
CAFFEINE PRESERVATION OF HYPEROXIA-EXPOSED RESIDENT LUNG MESENCHYMAL STROMAL CELLS.
D Denman, A Moriera, SR Seidner and SB Mustafa, San Antonio, TX. University of Texas Health San Antonio

EXTERNAL VALIDATION OF AN EXTUBATION SUCCESS PREDICTION MODEL FOR VERY PRETERM INFANTS.
R Dryer, A Salem, V Saroha, M Rysavy, S Chawla and RM Patel, Atlanta, Georgia; Atlanta, GA; Detroit, MI; Iowa City, IA. Emory University

GLUCOSE HOMEOSTASIS IN EXTREMELY LOW BIRTH WEIGHT INFANTS DURING THE FIRST HOUR (GOLDEN HOUR) AFTER BIRTH.
J Esmail and R Dhanireddy, Memphis, TN. The University of Tennessee Health Science Center College of Medicine

SURVIVAL NOT CORRELATED TO RESIDUAL BOWEL LENGTH IN NEONATAL SHORT BOWEL SYNDROME.
R Fatemizadeh, L Gollins, J Hagan, AB Hair and MH Premkumar, Houston, TX. Baylor College of Medicine

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SJ Gentle, C Meads, S Ganus, E Barnette, K Munkus, WA Carlo and AA Salas, Birmingham, AL. University of Alabama at Birmingham

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H Gersch, DS Shah and A Chroust, Johnson City, TN. East Tennessee State University James H Quillen College of Medicine

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J Gilmore, ML Jerome, DM Homrich and AA Salas, Birmingham, AL. University of Alabama at Birmingham

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T Harris and R Nandyal, Edmond, OK; Oklahoma City, OK. University of Oklahoma Health Sciences Center

444 EVALUATION OF INTESTINAL MICROBIOTA FOLLOWING TRANSITION FROM AN EXCLUSIVE HUMAN MILK-BASED DIET TO BOVINE MILK-BASED FORTIFIER OR PRETERM FORMULA.
EC Itriago, S Ford, L Gollins, R Luna, J Hagan and AB Hair, Houston, TX; Tampa, FL. Baylor College of Medicine

445 DOSE RESPONSE STUDY OF CANNABINOID RECEPTOR AGONISTS ON PLACENTAL CYTOKINE DEYSREGULATION.
B Johnson, A Makkar, Z Yu, F Bhatti and J Eckert, Oklahoma City, OK. The University of Oklahoma Health Sciences Center

446 EVALUATING ASSOCIATIONS OF IN UTERO NICOTINE EXPOSURE AND HYPOGLYCEMIA AFTER DELIVERY.
MG Johnson, R Suchting, L Scheid, A Chalise, S Angela, J Chapman and T Northrup, Houston, TX. University of Texas Health Science Center at Houston McGovern Medical School

447 MATERNAL HYPERTENSION TYPE AND ITS AFFECT ON THE NEONATAL PLATELET COUNT.
P Joslyn, A Chapple, C Rosenbaum, MC Velez, A Heard and B Barkemeyer, New Orleans, LA. LSU Health Sciences Center

448 PERINATAL INTRACRANIAL HEMORRHAGE IN A PATIENT BORN WITHOUT THE USE OF INSTRUMENTATION: A RARE INITIAL PRESENTATION OF HEMOPHILIA A.
P Joslyn, MC Velez, O Roberts, M Knecht, P Prasad, A Bauchat, J Robichaux and J Surcouf, New Orleans, LA; Atlanta, GA. LSU Health Sciences Center

449 RESPIRATORY SEVERITY SCORES CORRELATE WITH WEIGHT FOR LENGTH Z SCORES IN INFANTS WITH BRONCHOPULMONARY DYSPLASIA.
R Kalikkot, K Hart, K Harvey, T Hughes, W Yimer and P Alur, Brandon, MS. University of Mississippi Medical Center

450 A RETROSPECTIVE COHORT STUDY OF SMOFLIPID VERSUS INTRALIPID IN PEDIATRIC INTESTINAL FAILURE.
A Lawrence, M Naik, A Davidson, AL Speer, J Chapman and E Imseis, Houston, TX.
451 POSTNATAL GROWTH FAILURE IS IMPROVED WITH IMPLEMENTATION OF MULTIDISCIPLINARY TEAM IN PRETERM INFANTS WHILE PERCENTILES AT BIRTH AND CALORIC INTAKE HAVE CRITICAL ROLES. K McCoy, R Jacob and CL Blanco, San Antonio, TX. The University of Texas Health Science Center at San Antonio

452 HYPERTENSION IN PRETERM INFANT WITH SEVERE BRONCHOPULMONARY DYSPLASIA IS ASSOCIATED WITH HYPERALDOSTERONISM. M Mehdi, M Almasri, G Kulkarni and S Jain, Galveston, TX. The University of Texas Medical Branch at Galveston

453 PREVALENCE OF ACUTE KIDNEY AND HEPATIC INJURY IN INFANTS WITH HYPOXIC-ISCHEMIC ENCEPHALOPATHY AND ASSOCIATION WITH ADVERSE SHORT-TERM OUTCOMES. A Moen, SE Hamrick, E Sewell, RM Patel and S Jernigan, Atlanta, GA. Emory University Children's Healthcare of Atlanta Egleston Hospital

454 PATENT DUCTUS ARTERIOSUS INDOMETHACIN PROPHYLAXIS IN EXTREMELY LOW BIRTH WEIGHT INFANTS IS NOT ASSOCIATED WITH NEONATAL ACUTE KIDNEY INJURY. H Murphy, D Selewski, K Twombly, CL Wagner, DJ Annibale, KG Lee, A Wahlquist and A Atz, Charleston, SC; Johnson City, TN. Medical University of South Carolina

455 PROVIDER PROGNOSTIC DISCORDANCE AND RESUSCITATION THRESHOLDS FOR INFANTS AT 22 WEEKS' GESTATION. N Nair, I Adams-Chapman, S Vyas-Read, I Krishna and RM Patel, Atlanta, GA. Emory University Children's Healthcare of Atlanta

456 BREECH PRESENTATION AND DEVELOPMENTAL DYSPLASIA OF HIP IN PRETERM INFANTS: A RETROSPECTIVE REVIEW. K Pereira, R Pandey and SD John, Houston, TX. The University of Texas Health Science Center at Houston John P and Katherine G McGovern Medical School

457 EVALUATING SATISFACTION WITH TELEMEDICINE USE FOR NEONATOLOGY PRENATAL CONSULTATIONS DURING THE COVID-19 PANDEMIC. S Rolfs, A Makkar, MC Lapadula, EG Szyld, G Hallford, M McCoy, S McKnight, T
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A Rutledge, E Patel, A Wahlquist, A Hlavacek, RM Ryan and HJ Murphy, Charleston, SC; Johnson City, TN; Cleveland, OH; Kansas City, MO. Medical University of South Carolina

CHARACTERISTICS OF INFANTS READMITTED FOR HYPERBILIRUBINEMIA AFTER DISCHARGE FROM LEVEL 1 NURSERY.
B Saadat, N Sharif and AJ Talati, Memphis, TN. University of Tennessee Health Science Center

PRE-EXTUBATION CAFFEINE TIMING AND EXTUBATION SUCCESS IN VERY LOW BIRTH WEIGHT INFANTS.
A Salem, R Dryer, V Saroha and RM Patel, Atlanta, GA. Emory University and Children's Healthcare of Atlanta

IMPROVED OUTCOMES WITH EXPEDITED TROPHIC FEEDINGS IN EXTREMELY LOW BIRTH WEIGHT PRETERM INFANTS.
E Schultz, V Bray, M Kneusel, A Kumar and S Ford, Tampa, FL. University of South Florida

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R Sessler, A Makkar, B Johnson, M Siatkowski and F Bhatti, Oklahoma City, OK. The University of Oklahoma Health Sciences Center

ORAL NITRATE SUPPLEMENTATION IN A MURINE BRONCHOPULMONARY DYSPLASIA MODEL.
M Silverberg, A Freeman, K Ricart, SJ Gentle and R Patel, Birmingham, AL. University of Alabama in Birmingham

A NOVEL MODEL FOR INFLAMMATION INDUCED WHITE MATTER INJURY IN RATS.
J Waddell, K Carter, N Ojeda and Y Pang, Jackson, MS. University of Mississippi Medical Center

GEOGRAPHIC DIFFERENCES IN NECROTIZING ENTEROCOLITIS-RELATED
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MF Wolf; A Rose, R Goel, J Canvasser, B Stoll and RM Patel, Atlanta, GA; Springfield, IL; Baltimore, MD; Davis, CA; Houston, TX. Emory University School of Medicine
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466 A CASE OF DIFFUSE INTERSTITIAL PNEUMONITIS CAUSED BY NITROFURANTOIN.
M Abohelwa, S Siddiqui, M Elmassry, G Del Rio-Pertuz, FM Fernandez and K Nugent, Lubbock, TX; Leicester, United Kingdom. Texas Tech University Health Science Center
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467 RESIDENT TRANSITIONS OF CARE AND ANTIMICROBIAL USE AMONG PATIENTS IN THE INTENSIVE CARE UNIT.
B Ademi, T Smith, Y Zu and J Denson, New Orleans, LA. Tulane University School of Medicine
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468 THE SPECTRUM OF RESTRICTIVE LUNG DISEASES IN A REAL-WORLD HIV COHORT.
A Aneja, K Harrington, J Prevot, K Desai, SC Auld, M Nguyen and BS Staitieh, Atlanta, Georgia; Atlanta, GA. Emory University School of Medicine
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469 A CASE OF PARANEOPLASTIC MYASTHENIA GRAVIS SECONDARY TO SQUAMOUS CELL CARCINOMA.
B Barbara, B Mize, LS Engel and B DeBoisblanc, New Orleans, LA. LSU Health Sciences Center
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470 DOES WHERE YOU LIVE MATTER? RURALITY AND OUTCOMES FOR CHILDREN WITH SEVERE ASTHMA EXACERBATION.
K Cantrel, C Aston, K Grant, M Cooper, M Naifeh and M Akande, Oklahoma City, OK. The University of Oklahoma Health Sciences Center
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471 TRENDS OF NEONATAL AND INFANT RESUSCITATION IN VARIOUS INTENSIVE CARE UNITS.
Sk Chilakala, R Philip, K Upadhyay, M Bugnitz and AJ Talati, Germantown, TN. University of Tennessee Health Science Center
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472 TIME TO LIMIT THE AMOUNT OF CAFFEINE IN SUPPLEMENTS?
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474 OPEN ABDOMEN: A RARE CASE OF COVID-19 ACUTE PANCREATITIS-ASSOCIATED ABDOMINAL COMPARTMENT SYNDROME.
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475 HIV-ASSOCIATED PULMONARY HYPERTENSION IN A REAL-WORLD COHORT: PARTICIPANT CHARACTERISTICS AND POTENTIAL ETIOLOGIES.
K Desai, K Harrington, SC Auld, A Aneja, J Prevot, M Nguyen and BS Staitieh, Atlanta, GA. Emory University School of Medicine

476 RECURRENT CHYLOUS ASCITES AND TRANSUDATIVE CHYLOTHORAX DUE TO CONGESTIVE HEART FAILURE.
TC Do J Cozza, S Ganti, and J Depa, Whitesburg, KY. Appalachian Regional Healthcare

477 REFRACTORY SPONTANEOUS PNEUMOTHORAX: A MANAGEMENT CHALLENGE.
E Elgwairi, A Abdalla, HM Mallah, GD Bedanie, S El Nawaa, M Elmassry, M Abohelwa, J Abdelmalek and K Nugent, Lubbock, TX; Benghazi, Libya. Texas Tech University Health Sciences Center

478 FALSE-POSITIVE VENTILATION-PERFUSION STUDY DUE TO LYMPHADENOPATHY.
N Elzubeir, MA Tanbir, N Mon, RI Hazam, N Rus and T Naguib, Amarillo, TX. Texas Tech University Health Sciences Center School of Medicine

479 LUNG ABSCESS MASQUERADING AS LUNG TUMOR: A CASE PRESENTATION.
A Gharamti, M Abohelwa, M Elmassry, G Del Rio-Pertuz, TE Whisenant and D Payne, Beirut, Lebanon; Lubbock, TX. American University of Beirut

480 DEEP SEDATION FOR OPHTALMOLOGY PROCEDURES OUTSIDE THE OPERATING ROOM.
C Hsu, M Evans and A Dalabih, Little Rock, AR. University of Arkansas for Medical Sciences

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481 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)

482 DOUBLY BLINDED: AN UNCOMMON CAUSE OF ACUTE VISUAL LOSS DUE TO ORBITAL COMPARTMENT SYNDROME.
D Nair and K Sawalha, Batesville, AR. White River Health System

483 "GOLDEN LUNGS": PULMONARY ACTINOMYCOSIS A RARE CAVITARY DISEASE.
A Nieves-Ortiz, V Fonseca-Ferrer, K Hernandez Moya and L Piñeiro, Canovanas, PR. San Juan City Hospital

484 HIV-ASSOCIATED AIRWAY DISEASE: CHARACTERISTICS AND DIGANOSTIC TESTING OF A REAL-WORLD COHORT.
J Prevot, K Harrington, A Aneja, K Desai, SC Auld and BS Staitieh, Atlanta, GA. Emory University School of Medicine (SAFMR/SSCI Trainee Research Award Winner)

485 THE UTILITY OF BRAIN NATRIURETIC PEPTIDE IN PATIENTS WITH PULMONARY HYPERTENSION.
S Rao, O Hosseini, B Daines, V Test and K Nugent, Richmond, TX. Texas Tech University System

486 USING THREE-DIMENSIONAL (3D) MOTION ANALYSIS DURING PEDIATRIC CARDIOPULMONARY RESUSCITATION (CPR) SIMULATIONS TO ASSESS RESCUE PERFORMANCE.
L Settle, AE Lee, C Dionne, L Wilson, C Aston and BA Shah, Oklahoma City, OK. University of Oklahoma Health Sciences Center

487 VOCAL CORD DYSFUCTION - A PUZZLING CASE OF ASTHMA.
S Srmanthula and N Mehdi, Oklahoma City, OK. The University of Oklahoma Health Sciences Center

488 METFORMIN ASSOCIATED LACTIC ACIDOSIS MIMICKING ISCHEMIC BOWEL DISEASE.
S Tasnim, D Dave, A Dweik, H Aljumaili and T Naguib, Amarillo, TX. Texas Tech University Health Science Center, Amarillo (SAFMR/SSCI Trainee Research Award Winner)

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TRENDS IN ASTHMA PREVALENCE AND RISK FACTORS FROM 2006 TO 2018.  
A Thomas, EL Turner and G Hoskere, Johnson City, TN. East Tennessee State University  
James H Quillen College of Medicine (SAFMR/SSCI Trainee Research Award Winner)  
Abstract 611

DIFFERENT PRESENTATIONS OF FAMILIAL PULMONARY HYPERTENSION.  
TA Vancuren and N Mehdi, Edmond, OK; Oklahoma City, OK. The University of Oklahoma  
Department of Pediatrics  
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THE EFFECT OF PULMONARY REHABILITATION ON PHYSICAL PERFORMANCE AND MENTAL HEALTH IN PATIENTS WITH CHRONIC LUNG DISEASE.  
MN Vinan Vega, B Mantilla and K Nugent, Lubbock, TX. Texas Tech University Health Science Center (SAFMR/SSCI Trainee Research Award Winner)  
Abstract 613

Renal, Electrolyte, and Hypertension

URINARY UREA-CREATIONINE RATIO AND OUTCOMES AMONG PATIENTS WITH CHRONIC KIDNEY DISEASE.  
F Abdulameer, Y Obi, M Mohamed, W Hassan, A Ibrahim, M Molnar, B Wall and C Kovesdy, Memphis, TN. The University of Tennessee Health Science Center VolShop Memphis (SSCI Nephrology Young Investigator Scholar Award Winner)  
Abstract 614

PERITONEAL DIALYSIS RELATED OUTCOMES IN OBESE PATIENTS.  
M Ahmad, Irondale, AL. University of Alabama (SSCI Nephrology Young Investigator Scholar Award Winner)  
Abstract 615

PSORIASIS AND PNEUMONIA IN THE END-STAGE RENAL DISEASE POPULATION.  
LE Aitkens, J Waller, SL Baer, AA Mohammed, S Tran, B Siddiqui, S Padala, L Young, M Kheda and W Bollag, Augusta, GA. Augusta University  
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D-DIMMER LEVELS IN END-STAGE RENAL DISEASE (ESRD) PATIENTS DURING COVID-19 PANDEMIC.  
I Claudio-Gonzalez, J Navarrete and J Cobb, Atl, GA. Emory University School of Medicine (SSCI Nephrology Young Investigator Scholar Award Winner)  
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HYPOKALEMIC PARALYSIS UNMASKING UNDERLYING SJOGREN'S SYNDROME.  
N Eshak, A Lacy, P Laoveeravat and D Buscemi, Lubbock, TX. Texas Tech University
497 THE USE OF CONVALESCENT PLASMA, DEXMETHASONE AND REMDESIVIR IN A RENAL TRANSPLANT PATIENT INFECTED WITH COVID-19.
S Hannabas, G Hannabas and C Pena-Hernandez, Lubbock, TX. Texas Tech University Health Sciences Center

498 CONGENITAL NEPHROTIC SYNDROME: CONTRIBUTION OF FOXC1, FOXL1, AND GATA TO NPHS1 TRANSCRIPTION AND NEPHRIN PRODUCTION.
S Hefley, W Smoyer, T Mattoo, N Howard, A Constantinescu and T Vasylyeva, Amarillo, TX; Hollywood, FL; Detroit, MI; Columbus, OH. Texas Tech University Health Sciences Center

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500 URINARY SEDIMENT MICROSCOPY IN COVID-19-ASSOCIATED KIDNEY INJURY.
CF Hernandez-Arroyo, V Varghese, M Mohamed and J Velez, New Orleans, LA. Ochsner Clinic Foundation

501 ABNORMAL POSITRON EMISSION TOMOGRAPHY SCAN IN CHILD WITH KIDNEY TRANSPLANT.
N Lalchandani, D Manning, and I Ashoor, New Orleans, LA. LSU New Orleans Children's Hospital of New Orleans

502 AN ANALYSIS OF PATIENTS WHO DEVELOPED ACUTE KIDNEY INJURY UPON ADMISSION TO A TERTIARY CARE CENTER DURING THE FIRST MONTH OF THE ACCELERATION PHASE OF COVID-19 IN NEW ORLEANS, LA.
S LaPorte, AH Feibus, A Cruse, MV Naljayan, A Chapple, V Silver, EA Aguilar, F Yazdi, RB Vareldzis, S Barry, E Reisin, A Shepard, J Beckford, M Salman, A Richard, M Clement and SA Morse, New Orleans, LA. Louisiana State University Health Sciences Center

503 COLLAPSING GLOMERULOPATHY IN A PEDIATRIC KIDNEY TRANSPLANT RECIPIENT WITH COVID-19.
E Levenson, T Shepherd and I Ashoor, New Orleans, LA. Louisiana State University Health Sciences Center Children's Hospital

504 PICA: AN UNRECOGNIZED CAUSE OF HYPERPHOSPHATEMIA IN DIALYSIS PATIENTS.
505 FAILURE TO UNMASK HYPOADRENALISM IN COVID19 WITH DEXAMETHASONE.
B Mohanakrishnan, T Mansi, N Rus, M Anees, R Waqas and T Naguib, Amarillo, TX.
TTUHSC, Amarillo

506 IMPACT OF ANGIOTENSIN-CONVERTING ENZYME INHIBITORS/ANGIOTENSIN RECEPTOR BLOCKERS ON RENAL FUNCTION IN CHRONIC KIDNEY DISEASE PATIENTS UNDERGOING CORONARY ANGIOGRAPHY.
AT Motes, P Ratanasrimetha, S Wongsaengsak, C Pena-Hernandez and K Nugent, Lubbock, TX. Texas Tech University Health Sciences Center (SAFMR/SSCI Trainee Research Award Winner)

507 DIFFERENCES IN CLINICAL CHARACTERISTICS OF CALCIPHYLAXIS (CALCIFIC UREMIC ARTERIOLOPATHY) PATIENTS DEPENDING ON WARFARIN STATUS.
S Mudunuru, J Cobb, J Navarrete and D Armour, Atlanta, GA. Emory University (SSCI Nephrology Young Investigator Scholar Award Winner)

508 SUBOPTIMAL SEROLOGIC AND CLINICAL REMISSION ON SUPPORTIVE THERAPY IN PHOSPHOLIPASE A2 RECEPTOR MEMBRANOUS NEPHROPATHY.
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
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

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

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

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

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

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)

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

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
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)

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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.

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