



Thursday, March 10, 2022
Pre-Conference Workshops

12:00 pm-2:00 pm How to Turn Your Abstract/Poster into a Manuscript

Bruce Cronstein

*Dr. Paul R. Esserman Professor of Medicine, Department of Medicine
Professor, Department of Biochemistry and Molecular Pharmacology
Professor, Department of Pathology
NYU Grossman School of Medicine, New York, NY*

Moderator: Andrea Hahn

Sponsor: ESPR

2:00 pm-4:00 pm Common Statistical Errors

John Zupancic MD, MS, ScD

*Associate Professor of Pediatrics at Harvard Medical School and
Associate Chief of Neonatology at Beth Israel Deaconess Medical Center*

Moderator: Jayasree Nair

Sponsor: Reckitt/Mead Johnson

4:00 pm-6:00 pm Encouraging Diversity in Researchers - A 'Shark Tank' Approach to Solutions

Patricia M. Vuguin, MD

Chair, ESPR Diversity, Equity and Inclusion Committee

Moderators: Patricia M. Vuguin, MD & Vivien Yap

Sharks: Suhasini Kaushal & Sirpriya Sundararajan

Sponsor: Abbott Nutrition

This session will be based on the TV show Shark Tank, where investors pitch their product ideas to venture capitalists, who in turn provide feedback – and sometimes funding to get a project off the ground and into the marketplace.

Selected early career and trainee researchers who represent diverse/minority groups will be invited to come to pitch their ideas on how to enhance diversity in research to a panel of judges.

Goal: To create an environment that encouraged creativity and sharing toward enhancing diversity in the research workforce.

Prize: \$500 and complimentary registration to PAS

4:00 – 4:20 Introduction & Instructions

4:20 – 4:30 (10 minutes) Participant 1: Keziah Edmunds

4:30 – 4:40 (10 minutes) Panel questions for Keziah

4:40 – 4:50 (10 minutes) Participant 2: Cynthia Perez

4:50 – 5:00 (10 minutes) Panel questions for Cynthia

5:00 – 5:10 (10 minutes) Participant 3: Alisha Akinsete

5:10 – 5:20 (10 minutes) Panel questions for Alisha

5:20 – 5:30 (10 minutes) Participant 4: Sandy Dorcelus

5:30 – 5:40 (10 minutes) Panel questions for Sandy

5:40 – 5:50 While judges discuss, ESPR President

5:50 – 6:00 Announcement of the winner, closing remarks

Friday, March 11, 2022

8:00 am-9:30 am

CONCURRENT ABSTRACT PRESENTATION SESSION I

Session 1A

Sponsors: Children's Hospital of Philadelphia
American Academy of Pediatrics – Section on Neonatology
ESPR

Moderators: Munmun Rawat
Nicole Spillane

1. THE HEMODYNAMIC BENEFITS OF BRIEF 100% OXYGEN USE DURING PRETERM RESUSCITATION WITH AN INTACT UMBILICAL CORD USING ASPHYXIATED AND NON-ASPHYXIATED SURFACTANT DEFICIENT OVINE MODEL

Praveen Chandrasekharan¹, Sylvia Gugino¹, Justin Helman¹, Nicole Bradley¹, Lori Nielsen¹, Mausma Bawa¹, Andreina Mari¹, Arun Prasath¹, Clariss Blanco¹, Munmun Rawat¹, Satyan Lakshminrusimha²

1. State University of New York at Buffalo, Buffalo, NY, United States. 2. UC Davis, Davis, CA, United States.

2. NEONATAL RESUSCITATION WITH LARYNGEAL MASK AIRWAY (LMA) VERSUS NEONATAL FACEMASK AMONG UNSKILLED PROVIDERS

Nithya Sivakumar², Shoshana Newman-Lindsay¹, Deepika Sankaran¹, Satyan Lakshminrusimha¹, Lee Donohue¹

1. UC Davis Children's Hospital, Sacramento, CA, United States. 2. UC Davis School of Medicine, Sacramento, CA, United States.

3. RANDOMIZED TRIAL OF 21%, 50% VERSUS 100% INSPIRED OXYGEN DURING CHEST COMPRESSIONS IN NEONATAL RESUSCITATION: GOLDBLOCKS PRINCIPLE?

Clariss Blanco¹, Mausma Bawa¹, Arun Prasath¹, Andreina Mari¹, Sylvia Gugino¹, Justin Helman¹, Nicole Bradley¹, Jayasree Nair¹, Satyan Lakshminrusimha², Praveen Chandrasekharan¹, Munmun Rawat¹

1. University at Buffalo, Buffalo, NY, United States. 2. University of California Davis Children's Hospital, Sacramento, CA, United States.

4. INITIAL USE OF 100% BUT NOT 60% OR 30% OXYGEN ACHIEVED A TARGET HEART RATE OF 100 AND PREDUCTAL SATURATIONS OF 80% FASTER IN A BRADYCARDIC PRETERM MODEL

Mausma Bawa¹, Sylvia Gugino⁴, Justin Helman⁴, Nicole Bradley⁴, Lori Nielsen⁴, Andreina Mari¹, Arun Prasath¹, Clariss Blanco¹, Srinivasan Mani², Pedro Rivera Hernandez¹, Aditya Gupta⁴, Jessica Flores⁴, Jayasree Nair¹, Munmun Rawat¹, Satyan Lakshminrusimha³, Praveen Chandrasekharan¹

1. Pediatrics - Neonatology, University at Buffalo, Buffalo, NY, United States. 2. ProMedica Toledo Children's Hospital, Toledo, OH, United States. 3. UC Davis Children's Hospital, Sacramento, CA, United States. 4. University at Buffalo, Buffalo, NY, United States.

5. RANDOMIZED TRIAL OF PREDUCTAL TARGET SPO2 OF 90-94% VS. 95-99% IN NEONATAL OVINE HYPOXIC RESPIRATORY FAILURE

Houssam M. Joudi¹, Payam Vali¹, Amy Lesneski², Morgan Hardie¹, Victoria Hammitt², Kirstie Shulman², Rebecca Valdez², Evan Giusto¹, Deepika Sankaran¹, Satyan Lakshminrusimha¹
1. Pediatrics, University of California, Davis, Davis, CA, United States. 2. Stem Cell Research, University of California, Davis, Davis, CA, United States.

6. SIDE VS OVER-THE-HEAD CHEST COMPRESSIONS IN NEONATES: DOES RESCUER HEIGHT ALTER EFFICACY?

Gretell Gomez¹, Jayasree Nair¹

1. Pediatrics - Division of Neonatology, University at Buffalo, Oishei Children's Hospital, Buffalo, NY, United States.

7. THE IMPACT OF HEART RATE AVAILABILITY ON WORKLOAD AND PERFORMANCE DURING SIMULATED NEWBORN RESUSCITATIONS

Yurhee Lee¹, Dina Elachi², Jessica Bush⁴, Rebecca Miller², Charlene Thomas³, Catherine Chang²

1. Department of Pediatrics, New York Presbyterian Weill Cornell Medicine, New York, NY, United States. 2. Division of Newborn Medicine, Weill Cornell Medicine, New York, NY, United States. 3. Department of Population Health Sciences, Weill Cornell Medicine, New York, NY, United States. 4. Division of Neonatology, Children's National Hospital, George Washington University, Washington, DC, United States.

8. INITIATING RESUSCITATION WITH CHEST COMPRESSIONS AND VENTILATION IN A NEONATAL CARDIAC ARREST MODEL SIGNIFICANTLY REDUCED THE TIME TO ESTABLISH RETURN OF SPONTANEOUS CIRCULATION.

Arun Prasath¹, Sylvia Gugino¹, Justin Helman¹, Nicole Bradley¹, Lori Nielsen¹, Mausma Bawa¹, Clariss Blanco¹, Andreina Mari¹, Jessica Flores¹, Bobby Mathew¹, Munmun Rawat¹, Praveen Chandrasekharan¹

1. Neonatology, Jacobs school of Medicine, University at Buffalo,, Buffalo, NY, United States.

9:30 am-10:00 am

BREAK

Friday, March 11, 2022

8:00 am-9:30 am

CONCURRENT ABSTRACT PRESENTATION SESSION I

Session 1B

Sponsors: Cohen Children's Medical Center-Northwell
ESPR

Moderators: Sharon Smith

ESPR SESSION AWARD RECIPIENT – *Sponsored by Abbott Nutrition*

9. A NOVEL METHOD FOR THE ASSESSMENT OF CAPILLARY STASIS (NO-REFLOW) AFTER CARDIAC ARREST

Vignesh Gunasekaran¹, Alberto L. Vazquez², Brittany Nelson⁴, Andrew Toader⁴, Ping Wang⁴, Jason Stezoski⁴, Mioara Manole³

1. Neonatal Perinatal Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States. 2. Neuroimaging laboratory, University of Pittsburgh, Pittsburgh, PA, United States. 3. Pediatric Emergency Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States. 4. University of Pittsburgh, Pittsburgh, PA, United States.

10. PEDIATRIC AGE-ADJUSTED SHOCK INDEX AS A CLINICAL PREDICTOR OF HOSPITAL ADMISSION IN CHILDREN PRESENTING TO THE EMERGENCY DEPARTMENT

Mishuka Adhikary^{1,2}, Ellen J. Silver², Daniel M. Fein^{1,2}

1. Pediatric Emergency Department, Children's Hospital at Montefiore, Bronx, NY, United States. 2. Albert Einstein College of Medicine, Bronx, NY, United States.

11. UTILITY OF EMERGENT MAGNETIC RESONANCE IMAGING IN CHILDREN WITH PERSISTENT TRAUMATIC NECK PAIN WITHOUT RADIOGRAPHIC INJURY

William C. Sokoloff², Vassiliki Mirisis¹, Joshua Rocker²

1. Department of Pediatrics, Cohen Children's Medical Center, New Hyde Park, NY, United States. 2. Division of Pediatric Emergency Medicine, Cohen Children's Medical Center, New Hyde Park, NY, United States.

12. CHARACTERISTICS OF PATIENTS PRESENTING WITH CHEST PAIN TO THE PEDIATRIC EMERGENCY DEPARTMENT IN AN INNER-CITY COMMUNITY HOSPITAL

Raqibat O. Akiyode¹, Chinonso Onwudiwe¹, Ethan Augustine², Gerrad Augustine¹

1. Pediatrics, BronxCare Health system, New York, NY, United States. 2. Northern Highlands Regional High School, Allendale, NJ, United States.

13. HIGH-RISK MARKERS AND INFECTION RATES IN FEBRILE INFANTS AGED 29-60 DAYS PRESENTING TO THE EMERGENCY DEPARTMENT DURING THE COVID-19 PANDEMIC COMPARED WITH PREVIOUS YEARS

Kathryn Schissler¹, Sidney Stewart¹, Timothy Phamduy¹, Michael Brimacombe¹, Ilana Waynik¹, Eric Hoppa¹

1. Connecticut Children's, Hartford, CT, United States.

14. UNIVERSAL SUICIDE SCREENING IN A PEDIATRIC EMERGENCY DEPARTMENT IS FEASIBLE: EVEN DURING A PANDEMIC

Kristen Volz², Danielle Chenard², Shane Sacco¹, Kevin Borrup^{2,1}, Steven Rogers^{2,1}

1. University of Connecticut, Storrs, CT, United States. 2. Connecticut Children's, Hartford, CT, United States.

15. NEIGHBORHOOD SOCIAL VULNERABILITY, EMERGENCY DEPARTMENT VISITS, AND HOSPITAL READMISSIONS IN INFANTS WITH BRONCHOPULMONARY DYSPLASIA (BPD).

Timothy Nelin¹, Nancy Yang¹, Scott Lorch¹, Sara DeMauro¹, Nicolas Bamat¹, Erik Jensen¹, Kathleen Gibbs¹, Allan Just², Heather Burris¹

1. Division of Neonatology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. Environmental Medicine and Public Health, Icahn School of Medicine at Mount Sinai, New York, NY, United States.

16. QUALITY IMPROVEMENT: MANAGEMENT OF PELVIC INFLAMMATORY DISEASE IN A PEDIATRIC EMERGENCY DEPARTMENT

Shaheen Andreas², Sharon Smith^{1,2}, Erica Lardieri², Alyssa Bennett^{1,2}

1. Connecticut Children's, Hartford, CT, United States. 2. University of Connecticut, Farmington, CT, United States.

9:30 am-10:00 am

BREAK

Friday, March 11, 2022

8:00 am-9:30 am

CONCURRENT ABSTRACT PRESENTATION SESSION I

Session 1C

Sponsor: NYU Langone (Hassenfeld)
ESPR

Moderators: Heber Nielsen
Vasantha Kumar

17. DELETION OF CYCLOPHILIN D ALTERS METABOLIC TRANSITIONS IN THE DEVELOPING HEART

Gisela Beutner¹, Jonathan R. Burris¹, Michael P. Collins¹, Denise FangniboHanvi¹, Ethan D. Cohen¹, Michael A. O'Reilly¹, Paul S. Brookes³, Karen de Mesy Bentley², George A. Porter¹
1. Pediatrics, University of Rochester Medical Center, Rochester, NY, United States. 2. Pathology and Laboratory Medicine, University of Rochester, Rochester, NY, United States. 3. Anesthesiology, University of Rochester Medical Center, Rochester, NY, United States.

18. HMGB1 AND CEREBRAL EDEMA IN THE HYPOXIC PIGLET BRAIN.

Victoria Stoffel¹, Rim Saab¹, John R. Grothusen², Kamelia McRae³, Ferit Tuzer¹, Shadi Malaeb¹
1. Drexel University College of Medicine, Philadelphia, PA, United States. 2. University of Pennsylvania, Philadelphia, PA, United States. 3. St. Christopher's Hospital for Children, Philadelphia, PA, United States.

19. ROLE OF IL-10 IN MEDIATING CIRCADIAN REGULATION OF LUNG INJURY FROM INFLUENZA A VIRUS

Kaitlyn Forrest¹, Amruta Naik¹, Soon Yew Tang^{2,3}, Shaon Sengupta^{1,4}
1. Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. Institute of Translational Medicine and Therapeutics, University of Pennsylvania, Philadelphia, PA, United States. 3. Systems Pharmacology, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, United States. 4. Department of Pediatrics, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, United States.

20. DIFFERENTIAL SUSCEPTIBILITY TO PROPOFOL AND KETAMINE IN PRIMARY CULTURES OF YOUNG ASTROCYTES

Abigail Murtha³, Liang Huang¹, Ferit Tuzer³, Michael Green⁴, Claudio Torres⁵, Shadi Malaeb²
1. Anesthesiology, New York University Grossman Medical School, New York, NY, United States. 2. Pediatrics, Drexel University College of Medicine, Philadelphia, PA, United States. 3. Drexel University College of Medicine, Philadelphia, PA, United States. 4. Anesthesiology, Sidney Kimmel Medical College, Philadelphia, PA, United States. 5. Pathology, Drexel University College of Medicine, Philadelphia, PA, United States.

21. EARLY WHITE MATTER TRACT CHANGES IN NEONATES WITH PRENATAL OPIOID EXPOSURE: A PILOT STUDY

Pooja Sikka¹, Neel Madan^{1,2}, Elizabeth Yen^{1,3}
1. Tufts University School of Medicine, Boston, MA, United States. 2. Radiology, Tufts Medical

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Center, Boston, MA, United States. 3. Pediatrics, Tufts Medical Center, Boston, MA, United States.

22. PRENATAL BRAIN MATURATION IN NEONATES WITH CONGENITAL DIAPHRAGMATIC HERNIA

Sandy Johng³, Daniel Licht¹, Holly Hedrick², Natalie Rintoul³, Rebecca Linn⁴, Rui Xiao⁵, Shavonne Massey¹

1. Neurology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. Pediatric General, Thoracic, and Fetal Surgery, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 3. Neonatology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 4. Anatomic Pathology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 5. Biostatistics and Epidemiology, Hospital of the University of Pennsylvania, Philadelphia, PA, United States.

23. CATHELICIDIN ANTI-MICROBIAL PEPTIDE (CAMP) IS TOXIC DURING NEONATAL INFLUENZA VIRUS INFECTION

Nneka Ugwu¹, Abhishek Rao², Laura Cort², Alison Carey^{1, 2}

1. Neonatology, St. Christopher's Hospital for Children, Philadelphia, PA, United States. 2. Microbiology and Immunology, Drexel University College of Medicine, Philadelphia, PA, United States.

24. MDIVI-1: SURPRISING EFFECTS ON NEUROINFLAMMATION

Bethany M. Hung¹, Jaylyn Waddell¹

1. Pediatrics, University of Maryland Medical Center, Baltimore, MD, United States.

9:30 am-10:00 am

BREAK

Friday, March 11, 2022

10:00 am-11:30 am CONCURRENT ABSTRACT PRESENTATION SESSION II

Session 2A

Sponsor: University of Rochester/Golisano Children's Hospital
Children's Hospital at Albany Medical Center
American Academy of Pediatrics NY Chapter 1
ESPR

Moderators: Gloria Pryhuber
 Kate Tauber

25. GENE VARIANT AFFECTING THE HIPPO SIGNALING PATHWAY IS CORRELATED WITH BRONCHOPULMONARY DYSPLASIA IN EXTREMELY LOW BIRTHWEIGHT INFANTS

Nisha R. Palla¹, Van Trinh¹, Lance Parton^{1,2}

1. New York Medical College, Valhalla, NY, United States. 2. Div Newborn Medicine, MFCH at WMC, Valhalla, NY, United States.

26. PRENATAL INFLAMMATION PRIMES PULMONARY IMMUNE CELLS TO POSTNATAL HYPEROXIA-INDUCED LUNG INJURY.

Saminathan Anbalagan¹, Michael Babak¹, Lisa Glazewski¹, Anne Heseck¹, Deepthi Alapati¹

1. Nemours Children's Hospital, Wilmington, DE, United States.

27. LUNG ULTRASOUND ASSESSMENT OF PULMONARY EDEMA IN NEONATES WITH CHRONIC LUNG DISEASE BEFORE AND AFTER DIURETIC THERAPY

Gangajal Kasniya^{1,3}, Jane Cerise², Barry Weinberger^{1,3}, Dalibor Kurepa^{1,3}

1. Pediatrics, Cohen Children Medical Center at Northwell Health, New Hyde Park, NY, United States. 2. Feinstein Institutes for Medical Research, Manhasset, NY, United States. 3. Zucker School of Medicine at Hofstra/Northwell, Hempstead, NY, United States.

28. DO EXTREMELY LOW BIRTH WEIGHT (ELBW) INFANTS TOLERATE EXTUBATION TO NEURALLY ADJUSTED VENTILATORY ASSIST (NAVA) BETTER THAN CONVENTIONAL NON-INVASIVE POSITIVE PRESSURE VENTILATION (NIPPV)?

Kevin Louie¹, Shaili Amatya², Lance Parton¹

1. Neonatology, Maria Fareri Children's Hospital, Valhalla, NY, United States. 2. Neonatology, Milton S. Hershey Medical Center, Hershey, PA, United States.

29. EARLY VERSUS LATE CAFFEINE AND/OR NON-STEROIDAL ANTI-INFLAMMATORY DRUG (NSAIDS) ON BIOMARKERS OF LUNG INFLAMMATION IN NEONATAL RATS EXPOSED TO INTERMITTENT HYPOXIA.

Kulsajan S. Bhatia¹, Charles Cai¹, Jacob V. Aranda¹, Stephen J. Wadowski¹, Kay D. Beharry¹

1. Pediatrics, SUNY Downstate Health Sciences University, Brooklyn, NY, United States.

30. DOES ELEVATED MIDLINE HEAD POSITION IN PERIVIAL LAMBS ALTER HEMODYNAMIC RESPONSE TO SURFACTANT?

Andreina Mari¹, Mausma Bawa¹, Sylvia Gugino¹, Justin Helman¹, Nicole Bradley¹, Carmon Koenigsknecht¹, Arun Prasath¹, Praveen Chandrasekharan¹, Munmun Rawat¹, Jayasree Nair¹

1. Neonatology, University at Buffalo, Buffalo, NY, United States.

31. VALIDATION OF EXTUBATION READINESS TOOL IN EXTREMELY PREMATURE NEONATES AT A REGIONAL PERINATAL CENTER

Kavya Rao¹, Mausma Bawa¹, Kris Kolden², Annemarie Reynolds¹, Deepali Handa^{1,2}, Marc Leaderstorf³, Valerie Elberson¹, Laura Sandin², Munmun Rawat¹, Pamela Orbank³, Praveen Chandrasekharan¹

1. Pediatrics, University of Buffalo, Buffalo, NY, United States. 2. Neonatal Perinatal Medicine, Oishei Children's Hospital, Buffalo, NY, United States. 3. Respiratory division, John R. Oishei Children's Hospital, Buffalo, NY, United States.

32. A NOVEL METHOD OF MEASURING PEEP ON BUBBLE NASAL CPAP (BNCPAP), USING A VASCULAR PRESSURE MONITORING DEVICE (VPMD)

Bushra Tehreem¹, Alok Bhutada¹, Anju Gupta¹

1. Suny Downstate Medical center, Brooklyn, NY, United States.

11:30 am-12:00 pm BREAK

Friday, March 11, 2022

10:00 am-11:30 am CONCURRENT ABSTRACT PRESENTATION SESSION II

Session 2B

Sponsors: Maria Fareri Children's Hospital
NYS AAP - Chapter 3
Maryland Chapter, American Academy of Pediatrics
ESPR

Moderators: Sema Gogcu
Rubia Khalak

ESPR SESSION AWARD RECIPIENT – *Sponsored by Reckitt/Mead Johnson*

33. THE MATERNAL VULNERABILITY INDEX IS ASSOCIATED WITH INFANT MORTALITY IN THE UNITED STATES

Daria Murosko¹, Joshua Radack¹, Brielle Formanowski¹, Molly Passarella¹, Elizabeth G. Salazar¹, Diana Montoya-Williams¹, Carolyn McGann¹, Michelle Pena¹, Kathryn Paul¹, Heather Burris¹, Sara Handley¹, Scott Lorch¹

1. Division of Neonatology, Children's Hospital of Philadelphia, Philadelphia, PA, United States.

34. HEALTH-RELATED SOCIAL NEEDS IN A PEDIATRIC EMERGENCY DEPARTMENT

Gauthami Soma¹, Veronika Shabanova³, Treyci Vargas², Mona Sharifi³, Marina Gaeta³, Giselle Carlotta-McDonald⁴, Mildred Landock⁴, Karamo Kourouma⁴, Beth Emerson³, Gunjan Tiyyagura³

1. Pediatric Emergency Medicine, Yale School of Medicine, New Haven, CT, United States. 2. University of California-Davis, Davis, CA, United States. 3. Yale University School of Medicine, New Haven, CT, United States. 4. Yale-New Haven Hospital, New Haven, CT, United States.

35. NEIGHBORHOOD WALKABILITY AS A RISK FACTOR FOR PRETERM BIRTH PHENOTYPES IN TWO PHILADELPHIA HOSPITALS FROM 2013 – 2016

Theresa Kash³, Rachel Ledyard¹, Anne Mullin², Heather Burris¹

1. Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. Tufts University School of Medicine, Boston, MA, United States. 3. University of Pennsylvania, Philadelphia, PA, United States.

36. SCREENING FOR SOCIAL DETERMINANTS OF HEALTH IN CENTERINGPARENTING

Susan M. Leib¹, Iris Navarro¹, Katrina Blankenhorn¹, Caitlin Waggoner¹, Andrew Paoletti¹

1. Pediatric and Adolescent Medicine, Einstein Medical Center Philadelphia, Philadelphia, PA, United States.

37. CAREGIVER PERCEPTIONS OF FIREARM EDUCATION

Rahul Shah^{1,2}, Steven Rogers^{1,2}, Brendan Campbell^{1,2}, Kevin Borrup¹, Jennifer Leslie Knod^{1,2}, Garry Lapidus¹, Sumeet Kadian³, Mohsin Mizra³, Danielle Chenard¹, Sharon Smith^{1,2,3}

1. Connecticut Children's, Hartford, CT, United States. 2. University of Connecticut Health Center, Farmington, CT, United States. 3. University of Connecticut, Storrs, CT, United States.

38. ASSESSMENT OF CENTRAL PRECOCIOUS PUBERTY CARE FOR RACIAL AND SOCIOECONOMIC DISPARITIES

Skylar Chau¹, Vickie Wu², Mabel Yau²

1. NYU, New York, NY, United States. 2. Pediatrics, Mount Sinai Kravis Children's Hospital, New York, NY, United States.

39. CAREGIVER RISK FACTORS AND REASONS FOR NONPARTICIPATION IN THE WIC PROGRAM

Yuliya Faryna¹, Justin Slifer¹, Julie Dong¹, Alex Clonan¹, Sharon Smith^{2, 1}

1. University of Connecticut, Storrs, CT, United States. 2. Connecticut Children's Medical Center, Hartford, CT, United States.

40. THE ASSOCIATION BETWEEN THE MATERNAL VULNERABILITY INDEX AND PRETERM BIRTH IN THE US

Elizabeth G. Salazar¹, Diana Montoya-Williams¹, Molly Passarella¹, Carolyn McGann¹, Kathryn Paul¹, Daria Murosko¹, Michelle Pena¹, Robin Ortiz², Scott Lorch¹, Heather Burris¹, Sara Handley¹

1. Neonatology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. NYU Grossman School of Medicine, New York, NY, United States.

11:30 am-12:00 pm BREAK

Friday, March 11, 2022

10:00 am-11:30 am CONCURRENT ABSTRACT PRESENTATION SESSION II

Session 2C

Sponsors: Floating Hospital for Children - Tufts
NYS AAP - Chapter 2
ESPR

Moderators: Eliza Muniz
Onome Oghifobibi

41. PERCEPTION OF PRE-EXPOSURE PROPHYLAXIS TO HIV AMONG ADOLESCENTS IN THE BRONX

Andrea Cortes Fernandez^{2,3}, Nadia Scott^{2,3}, Kristine Joy Armada¹, Janine Adjo^{2,3}, David Rubin^{2,3}

1. Downstate Medical School, Brooklyn, NY, United States. 2. Pediatrics, St Barnabas Hospital, Bronx, NY, United States. 3. CUNY School of Medicine, New York, NY, United States.

42. PREVALENCE OF CARDIOMETABOLIC RISK IN US CHILDREN AND ADOLESCENTS USING TG/HDL-C: ARE THERE DIFFERENCES BASED ON AGE SUBGROUPS?

Adeola O. Awujoola¹, Patricia Torga¹, Jose Valencia¹, Sandipagu P. Kant¹

1. Pediatrics, Bronxcare Health System, Bronx, NY, United States.

43. NATIONAL VARIATION IN THE BLACK IMMIGRANT BIRTH ADVANTAGE & THE ROLE OF COUNTY-LEVEL RISK FACTORS

Ozi Amuzie¹, Nancy Yang¹, Alejandra Barreto¹, Scott Lorch¹, Diana Montoya-Williams¹, Heather Burris¹

1. Children's Hospital of Philadelphia, Philadelphia, PA, United States.

44. STANDARDIZED YOGA & MEDITATION PROGRAM FOR STRESS REDUCTION FOR ADOLESCENTS WITH IRRITABLE BOWEL SYNDROME

Sydney Topfer², Marisa Wozniak², Natalie Morris², Basant Pradhan¹, Alla Kushnir¹, Katherine Kaminski²

1. Cooper University Hospital, Camden, NJ, United States. 2. Cooper Medical School of Rowan University, Camden, NJ, United States.

45. A WARM APPROACH TO REDUCE HYPOTHERMIA IN PRETERM INFANTS IN A RESOURCE LIMITED SETTING

Ashish O. Gupta^{1,2}, Horace Ramdial^{1,2}, Jennifer McKeever²

1. Neonatology, Nemours Children's Health, Wilmington, DE, United States. 2. Neonatology, Inspira Medical Center, Vineland, NJ, United States.

46. CULTURALLY SENSITIVE NUTRITION INTERVENTION FOR CHILDREN OF DOMINICAN HERITAGE WITH OBESITY

Johanna Campos¹, Lauren Cochran¹, David Rubin¹, Janine Adjo¹

1. Pediatrics, SBH Health System, Bronx, NY, United States.

47. TRENDS IN CANNABIS USE DISORDER AMONG PEDIATRIC HOSPITALIZATIONS IN THE UNITED STATES, 2009-2019

Samuel A. Mensah¹, Narendrasinh Parmar², Jacob Umscheid³, Ruth Turkson⁴, Rhythm Vasudeva³, Parth Bhatt⁵, Keyur Donda⁶, Harshit Doshi⁷, Sahithi Pemmasani⁸, Tarang Parekh⁹, Fredrick Dapaah-Siakwan¹⁰

1. Tarkwa Municipal Hospital, Tarkwa, Ghana. 2. Pediatrics, East Tennessee Children's Hospital, Alcoa, TN, United States. 3. Pediatrics, University of Kansas School of Medicine Wichita, Wichita, KS, United States. 4. Unaffiliated, Lowell, MA, United States. 5. Pediatrics, United Hospital Center, Bridgeport, WV, United States. 6. Pediatrics, University of South Florida, Tampa, FL, United States. 7. Pediatric Medical Group, Fort Myers, FL, United States. 8. Icahn School of Medicine at Mount Sinai, Elmhurst, NY, United States. 9. George Mason University, Fairfax, VA, United States. 10. Valley Children's Hospital, Madera, CA, United States.

48. DEVELOPMENT OF A TEXT MESSAGE PLATFORM TO ENHANCE A YOUTH DIABETES PREVENTION PROGRAM

Manali Sapre³, Cordelia R. Elaiho¹, Rena Brar Prayaga², Ram Prayaga², Miriam Gallegos⁴, Nita Vangeepuram¹

1. Department of General Pediatrics, Icahn School of Medicine at Mount Sinai, New York, NY, United States. 2. mPulse Mobile Technologies, San Francisco, CA, United States. 3. Pediatric Resident, New York University Langone Health, New York, NY, United States. 4. TEEN HEED Community Action Board, Icahn School of Medicine at Mount Sinai, New York, NY, United States.

11:30 am-12:00 pm

BREAK

Friday, March 11, 2022

12:00 pm-3:00 pm **PLENARY SESSION I**

12:00 **Plenary Introduction**
Heather Brumberg, MD

12:05-12:50PM **Plenary Lecture**
Sponsor: Reckitt/Mead Johnson

**Elucidating Social and Chemical Environmental
Determinants of Health Disparities: Promise of the
Exposome**
Rosalind J. Wright, MD, MPH
Dean of Translational Research, Mount Sinai, New York, NY

12:50-1:00 **Q&A**

1:00 pm-2:00 pm **Fellow Case Competition**

Moderators: Vivien Yap
Sean Cullen

49. DESATURATIONS IN A TERM INFANT

Katherine Nyman¹, Shruti Patel¹, Johana Diaz¹
1. Neonatology, University of Maryland Medical Center, Baltimore, MD, United States.

50. KETAMINE USE IN A NEWBORN WITH HEMI-MEGALENCEPHALY AND SUPER-REFRACTORY STATUS EPILEPTICUS: A CASE REPORT

Veena Rao Mandal¹, Alexander Andrews², Francis Tirol², Suhasini Kaushal³, Paola Pergami²
1. Neonatology, Inova Alexandria Hospital, Alexandria, VA, United States. 2. Pediatric Neurology, MedStar Georgetown University Hospital, Washington D.C, DC, United States. 3. Neonatology, MedStar Georgetown University Hospital, Washington D.C, DC, United States.

51. RESPIRATORY DISTRESS IN A NEONATE - WHEN BOARDS MEET REAL LIFE

Mausma Bawa¹, Valerie Elberson¹, Pedro Rivera Hernandez¹, Geovanny Perez¹, Jayasree Nair¹
1. University at Buffalo, Buffalo, NY, United States.

52. FEEDING AVERSION IN AN INFANT ELUDING TO A RARE RENAL PATHOLOGY

Elizabeth Vargas¹, Monika Williams¹, Sherene Mason²
1. Pediatrics, Connecticut Children's, Hartford, CT, United States. 2. Pediatric Nephrology, Connecticut Children's, Hartford, CT, United States.

53. UNUSUAL CASE OF LOWER EXTREMITY PAIN IN PEDIATRIC PATIENT WITH OSTEOGENESIS IMPERFECTA

Aakash Amin¹, Marwa Ali¹, Kei Wong²
1. Emergency Medicine, Rutgers University New Jersey Medical School, Newark, NJ, United States.

States. 2. Emergency Medicine, Division of Pediatric Emergency Medicine, Rutgers University New Jersey Medical School, Newark, NJ, United States.

54. A CASE OF TRANSIENT HYPERTHYROIDISM DUE TO ACUTE SUPPURATIVE THYROIDITIS IN A PEDIATRIC PATIENT

Jyotsna Gupta¹

1. Pediatric Endocrinology, Golisano Children's Hospital, University of Rochester, Rochester, NY, United States.

55. MATERNAL SARS-COV-2 INFECTION IN THE SECOND TRIMESTER AND VENTRICULOMEGALY AND DEVELOPMENTAL DELAY IN AN INFANT

Vanessa M. Castro Diaz¹, Natasha Cordero¹, Sameh Elshahawy¹, Jeanelle Escalona¹, Ha Phan², Santosh M. Parab¹

1. Pediatrics, Richmond University Medical Center, Staten Island, NY, United States. 2. Infant Development,, NYS Institute of Basic Research in Developmental Disabilities, Staten Island, NY, United States.

56. ADOLESCENT WITH RAPIDLY ENLARGING JAW SWELLING

Sonali Ramesh¹, NAURI E. Abreu Roa¹, Savita Manwani¹

1. Pediatrics, BronxCare Health Systems, Bronx, NY, United States.

2:00 pm-3:00 pm



Medical Education Panel: Recognizing and Disrupting Microaggressions



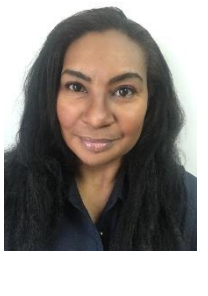

Sponsored by AFMR

Introductions:

Lora Kasselmann

Andrea L. Hahn

	Olanrewaju (Lanre) Falusi, MD <i>Dr. Falusi is Associate Program Director of the Pediatric Residency Program at Children's National Hospital, Director of the Leadership in Advocacy, Under-resourced Communities and Health equity (LAUnCH) Track, and Assistant Professor of Pediatrics at George Washington University School of Medicine and Health Sciences in Washington DC.</i>
	Enrique Escalante, MD, MSHS <i>Dr. Escalante is Assistant Program Director of Diversity, Equity and Inclusion for the Pediatric Residency Program at Children's National Hospital and Assistant Professor of Pediatrics at George Washington University School of Medicine and Health Sciences in Washington DC.</i>
Panelists:	

	<p>Peter G. Asante, MD <i>Dr. Asante is a general pediatrician, Medical Director of the Teen Health Clinic at Yakima Pediatrics, Community Health of Central Washington, and Chair of Pediatrics at Yakima Valley Memorial Hospital in Yakima, Washington.</i></p>
	<p>Abena Knight Dr. Knight is Associate Vice Chair of Education, Associate Clerkship Director of Inpatient Pediatrics, and Clinical Associate Professor of Pediatrics at the University of Washington School of Medicine/Seattle Children’s Hospital in Seattle, WA.</p>
	<p>Donna de Levante Raphael, PhD <i>Donna is the Director of the National Memory Screening Program at the Alzheimer’s Foundation of America. Donna de Levante Raphael has over 12 years of experience in developing, implementing, and managing meaningful high-impact programs that improves quality, relevance, and sustainability of diverse and inclusive initiatives. Ten years of recognizing the need for Alzheimer’s disease and dementia education for professional staff and diverse communities. Donna also facilitates the Medical, Scientific & Memory Screening Board. She is a member of The Gerontological Society of America, TAU Upsilon Alpha (National Human Services Honor Society), International Federation on Aging and American Public Health Association. She is also DOEA approved ADRD trainer with an approved ADRD curriculum and works closely with Long term Care facilities who require training in ADRD Level 1 & 2. Donna is also a doctoral candidate of Human and Social Services majoring in Social Gerontology.</i></p>
	<p>Orla O’Donoghue, PhD <i>Orla O’Donoghue received her PhD in Neuroscience from University College Cork, Ireland. She is director of Problem based learning (PBL) and director of Neuroanatomical sciences at NYU Long Island school of Medicine, in New York. She has an immense interest in active learning and medical education research, and has taught over ten thousand medical students across the world in multiple venues, from cruise ships, to hotels, to in the dark.</i></p>

3:00 pm-3:30 pm

BREAK

Friday, March 11, 2022

3:30 pm-5:00 pm

CONCURRENT ABSTRACT PRESENTATION SESSION III

Session 3A

Sponsors: Children's Hospital of Richmond at VCU
Cooper University Health Care/Department of Pediatrics
Queens Pediatric Society
ESPR

Moderators: Ranjith Kamity
Kavya Rao

ESPR SESSION AWARD RECIPIENT/QUALITY IMPROVEMENT AWARD

Sponsored by Reckitt/Mead Johnson

57. A QUALITY IMPROVEMENT PROJECT TO DECREASE NASAL PRESSURE INJURIES IN A NEONATAL ICU

Vikramaditya Dumpa¹, Leticia Rios², Caterina Tiozzo¹, LaShon Pitter², Maria Lyn Quintos Alagheband¹, Maureen Kim¹

1. Pediatrics, NYU Long Island School of Medicine, Mineola, NY, United States. 2. Pediatrics, NYU Langone Hospital - Long Island, Mineola, NY, United States.

58. DECREASING PERIPHERAL INTRAVENOUS INFILTRATION AND EXTRAVASATION RATES IN CHILDREN- A QUALITY IMPROVEMENT INITIATIVE

Vikramaditya Dumpa¹, Dimpny Mody¹, Mary Ann Dziomba¹, Dinah Thomas¹, Maria Lyn Quintos Alagheband¹

1. Pediatrics, NYU Langone Long Island, Mineola, NY, United States.

59. REDUCING UNPLANNED EXTUBATIONS (UE) IN A LEVEL IV NEONATAL INTENSIVE CARE UNIT (NICU)

Sean M. Cullen¹, Emily Ahn¹, Lejdisa Mrija², Karyn Jonas¹, Carl Blake³, Rae-Jean Hemway¹, Kerry-Ann Mohrman¹, Jeffrey Perlman¹, Snezana N. Osorio¹, Priyanka Tiwari¹

1. Pediatrics, New York Presbyterian-Weill Cornell, New York, NY, United States. 2. Quality and Patient Safety, New York Presbyterian-Weill Cornell, New York, NY, United States. 3. Respiratory Therapy, New York Presbyterian- Weill Cornell, New York, NY, United States.

60. IMPROVING DEVELOPMENTAL-BEHAVIORAL FOLLOW-UP RATES OF NEONATAL INTENSIVE CARE UNIT GRADUATES

Anupriya Bhatia¹, Michele Dehnert¹, Charmane Calilap-Bernardo¹, Amanda Rahman²

1. Pediatrics, Staten Island University Hospital, Northwell Health, Staten Island, NY, United States. 2. Division of Neonatology, Department of Pediatrics, Staten Island University Hospital, Northwell Health, Staten Island, NY, United States.

61. IMPROVING IMMUNIZATION RATES OF INFANTS ADMITTED TO A TERTIARY NEONATAL INTENSIVE CARE UNIT (NICU)

Indirapriya Darshini Avulakunta¹, Toshiba Morgan-Joseph¹, Alma Rechnitzer², Suhas Nafday^{1,2}

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1. Neonatology, Children's Hospital at Montefiore, Bronx, NY, United States. 2. Albert Einstein College of Medicine, Bronx, NY, United States.

62. IMPROVING THE RATE OF EARLY BREAST MILK EXPRESSION IN MOTHERS WITH PREMATURE INFANTS

Amy E. Ng¹, Kavya Sundar¹, Lori Feldman-Winter^{2,1}, Krystal Hunter³, Alla Kushnir^{4,1}

1. Cooper Medical School at Rowan University, Camden, NJ, United States. 2. Department of Pediatrics, Division of Adolescent Medicine, Cooper University Health Care, Camden, NJ, United States. 3. Cooper Research Institute, Cooper University Healthcare, Camden, NJ, United States. 4. Department of Neonatology, Cooper University Hospital, Camden, NJ, United States.

63. THE BURDEN OF PRIOR AUTHORIZATIONS IN A PEDIATRIC ENDOCRINOLOGY OUTPATIENT PRACTICE

Julie Samuels¹, Mabel Yau¹, Christopher J. Romero¹

1. Pediatrics, Icahn School of Medicine at Mount Sinai, New York, NY, United States.

64. CONTINUOUS POSITIVE AIRWAY PRESSURE WEANING GUIDELINES IN PRETERM INFANTS: A QUALITY IMPROVEMENT PROJECT

Shivani Mattikalli¹, Shaili Amatya¹, Kelly Weller², Heather Stephens², Jennifer Erkingner², Kimberly Wisecup¹

1. Penn State College of Medicine, Hershey, PA, United States. 2. Penn State Health, Hershey, PA, United States.

Friday, March 11, 2022

3:30 pm-5:00 pm

CONCURRENT ABSTRACT PRESENTATION SESSION III

Session 3B

Sponsors: NYU Langone (Hassenfeld)
NYU Langone Hospital – Long Island (Department of Pediatrics)
ESPR

Moderators: Julie Goodwin
Sema Gogcu

ESPR SESSION AWARD RECIPIENT – *Sponsored by Abbott Nutrition*

65. DEVELOPING, IMPLEMENTING, AND ASSESSING AN ETHICS AND PROFESSIONALISM CURRICULUM FOR NEONATAL CLINICIANS UTILIZING FLIPPED CLASSROOM TECHNOLOGY: AN INTERNATIONAL PILOT STUDY

Gina Geis¹, David Williams², Christy Cummings²

1. Pediatrics / Bioethics, Albany Medical Center, Albany, NY, United States. 2. Pediatrics, Boston Children's Hospital, Boston, MA, United States.

66. CAN EDUCATION LEAD TO A SUSTAINED IMPROVEMENT IN NEONATOLOGY CLINICAL DOCUMENTATION INTEGRITY?

Ashish O. Gupta^{1,2}

1. Neonatology, Nemours Childrens Health, Wilmington, DE, United States. 2. Neonatology, Inspira Health Network, Vineland, NJ, United States.

67. USE OF PRACTICE BASED LEARNING MODULES TO TEACH PRIMARY CARE PREVENTATIVE MEASURES IN PEDIATRIC RESIDENCY

Veronica Wang¹, Rebecca Carter¹, Katelyn Donohue¹, Natalie Davis¹, Emily Wisniewski², Monica Mehta¹

1. Pediatrics, University of Maryland Medical Center, Baltimore, MD, United States. 2. Pediatrics, Mercy Medical Center, Baltimore, MD, United States.

68. IMPLEMENTATION OF A LONGITUDINAL OUTPATIENT CURRICULUM TO ENHANCE EDUCATION FOR OUR MODERN PEDIATRIC RESIDENTS

Selda Ishkin¹, Adam Halpern¹, Janelle Singh², Anna Cornish¹, Eleny H. Romanos-Sirakis¹

1. Pediatrics, Staten Island University Hospital - Northwell Health, Staten Island, NY, United States. 2. Pediatrics, Maimonides Infants and Children's Hospital of Brooklyn, Brooklyn, NY, United States.

69. A PILOT MULTIMODAL STRUCTURED COMMUNICATION CURRICULUM FOR NEONATOLOGY FELLOWS UTILIZING SIMULATION IN THE DELIVERY OF DIFFICULT NEWS

Joshua Erickson¹, Vilmaris Quinones Cardona¹, Swosti Joshi¹, Kheyandra Lewis², Ogechukwu Menkiti¹

1. Neonatology, St. Christopher's Hospital for Children, Philadelphia, PA, United States. 2. Hospital Medicine, St. Christopher's Hospital for Children, Philadelphia, PA, United States.

70. IMPACT OF A PEDIATRIC RESIDENT-LED INTEGRATED QUALITY IMPROVEMENT CURRICULUM

Ali Abdelhafiz¹, Afaf Ahmed¹, Reymundo Bisarini¹, Mayssa Abuali¹

1. Pediatrics, Einstein Medical Center Philadelphia, Philadelphia, PA, United States.

71. FACILITATING QI ACTIVITIES GLOBALLY THROUGH DIGITAL TECHNOLOGY: DECREASING SEVERE NEONATAL HYPERBILIRUBINEMIA

Indira Narayanan¹, Ashura Bakari², Jeffery Arhin⁴, Nancy Crowell³, Jayashree Ramasethu¹

1. Pediatrics/Neonatology, Georgetown University Medical Center, Washington, DC, United States. 2. Pediatrics, Suntreso Hospital, Ashanti Region, Ghana. 3. School of Nursing and Health Sciences, Georgetown University, Washington, DC, United States. 4. University of Maastricht, Maastricht, Netherlands.

72. IMPLEMENTATION OF A SMALL BABY BUNDLE IN A LEVEL IV NICU

Hannah Jolley¹, Gabrielle DeAbreu¹, Emma Konieczny¹, Kamesha Bailey¹, Denise Pena¹, Cynthia Macioch¹, Zachary Ibrahim¹, Barry Weinberger¹, Vitaliya Boyar¹

1. Division of Neonatal-Perinatal Medicine, Cohen Children's Medical Center, Northwell Health and Zucker School of Medicine at Hofstra/Northwell, New Hyde Park, NY, United States.

Friday, March 11, 2022

3:30 pm-5:00 pm

CONCURRENT ABSTRACT PRESENTATION SESSION III

Session 3C: AFMR Case Report Session

Sponsors: AFMR

Moderators: Theo Trandafirescu
Paul Der Mesropian

73. MANAGEMENT OF DIABETIC KETOACIDOSIS ON MEDICAL FLOORS IN A CORONAVIRUS DISEASE 2019 (COVID-19) PATIENT

Raghu N. Tiperneni¹, Rana Prathap Padappayil¹, Arundhati Chandini¹

1. Internal medicine, Monmouth medical center, Long Branch, NJ, United States.

74. A CASE OF FSGS IN A PREVIOUSLY HEALTHY MALE AFTER THE SECOND DOSE OF COVID-19 MRNA VACCINE

vishakha sirpal¹, Harshil Fichadiya¹, Ahmad Al-Alwan¹, Manjula Ashok¹

1. Internal Medicine, Monmouth Medical Center, Long branch, NJ, United States.

75. A COMPLEMENTARY CASE OF ABDOMINAL PAIN

Laura N. Hodo¹, Hilary Hotchkiss²

1. Pediatric Hospital Medicine, Mount Sinai Hospital, New York, NY, United States. 2. Pediatric Nephrology, Mount Sinai Hospital, New York, NY, United States.

76. VULVAR CARCINOMA, A RARE COMPLICATION OF SOLID ORGAN TRANSPLANT

Jorden E. Smith¹

1. Morsani College of Medicine, University of South Florida, Tampa, FL, United States.

77. VERTEBRAL ARTERY DISSECTIONS LEADING TO CEREBELLAR INFARCT DUE TO CHIROPRACTOR MANIPULATION

Arundhati Chandini Arjun¹, Stephen Shenouda², Harshil Fichadiya¹, Raghunanda Tiperneni¹

1. Internal Medicine, Monmouth Medical Center, Long Branch, NJ, United States. 2. Radiology, Monmouth Medical Center, Long Branch, NJ, United States.

78. A RARE MICROTHROMBI DISEASE: CATASTROPHIC ANTIPHOSPHOLIPID ANTIBODY SYNDROME

Balaji Prasad Ellappan Mohanakrishnan¹, Mon Nandar¹, Katherine Holder², Waqas Rasheed¹, Nicole Davey Ranasinghe³

1. Internal Medicine, TexasTech University Health Sciences, Amarillo, TX, United States. 2. Texas Tech School of Medicine, Amarillo, TX, United States. 3. Rheumatology, Allergy ARTS, Amarillo, TX, United States.

79. DUODENAL ADENOCARCINOMA CAUSING A SMALL BOWEL OBSTRUCTION IN A PATIENT WITH PANCREATIC CANCER: A CASE OF TWO PRIMARY TUMORS

Vikram Sumbly¹, Ian Landry¹, Vicent Rizzo¹

1. Icahn School of Medicine at Mount Sinai | NYCHHC Queens, Jamaica, NY, United States.

80. MANAGEMENT OF HYPERCALCEMIC CRISIS IN THE SETTING OF MALIGNANCY: A CASE OF NECROTIC HEPATOCELLULAR CARCINOMA

Vikram Sumbly¹, Ian Landry¹, Vicent Rizzo¹

1. Icahn School of Medicine at Mount Sinai | NYCHHC Queens, Jamaica, NY, United States.

81. A FULMINANT CASE OF MICROSCOPIC POLYANGITIS LEADING TO RAPID DEMISE

Arundhati Chandini Arjun², Gaurav Mohan², Jayshree Ravilla², Stephen Shenouda¹, Siva Yarrarapu², Raghu N. Tiperneni²

1. Radiology, Rutgers-Monmouth Medical Center, Long Branch, NJ, United States. 2. Internal Medicine, Rutgers-Monmouth Medical Center, Long Branch, NJ, United States.

82. A COMPLEX RELATIONSHIP BETWEEN BRAIN AND HEART - ICTAL ASYSTOLE

Raghu N. Tiperneni¹, Arundhati Chandini¹, Rana Prathap Padappayil¹, Ahmad Al-Alwan¹

1. Internal medicine, Monmouth medical center, Long Branch, NJ, United States.

83. THYROTOXIC PERIODIC PARALYSIS IN A CAUCASIAN ADOLESCENT MALE

Laaibah Ejaz¹, Kimberly Rush¹

1. Pediatrics, SUNY Upstate Medical University, Syracuse, NY, United States.

84. SNARE ASSISTED VALVE-IN-VALVE TRANSCATHETER AORTIC VALVE IMPLANTATION

Vineeta Maddali², Bijal Dave¹, Darshan Godkar¹

1. Cardiology, St. Barnabas Medical Center, Livingston, NJ, United States. 2. Rutgers Robert Wood Johnson Medical School, Piscataway, NJ, United States.

Friday, March 11, 2022

5:00 pm-6:30 pm

CONCURRENT ABSTRACT PRESENTATION SESSION IV

Session 4A

Sponsors: Cohen Children's Medical Center - Northwell
ESPR

Moderators: Deepali Handa
Liana Senaldi

88. LONGITUDINAL CHANGES OF MACRONUTRIENTS IN PRETERM MILK THROUGH 40 WEEKS CORRECTED GESTATIONAL AGE (CGA)

Deena Merzel¹, Jordana Gross², Tina Roeder³, Clare Giblin¹, Boriana Parvez¹

1. *Maria Fareri Children's Hospital at Westchester Medical Center, Valhalla, NY, United States.*
2. *New York Medical College, Valhalla, NY, United States.* 3. *Westchester Medical Center, Valhalla, NY, United States.*

85. ASSOCIATIONS OF HUMAN MILK OLIGOSACCHARIDES WITH BRAIN DEVELOPMENT IN VERY PRETERM INFANTS

Margaret Ong¹, Sara Cherkerzian², Katherine Bell², Annalee Furst³, Terrie Inder², Lars Bode³, Mandy Belfort²

1. *Newborn Medicine, Boston Children's Hospital, Boston, MA, United States.* 2. *Pediatric Newborn Medicine, Brigham and Women's Hospital, Boston, MA, United States.* 3. *Pediatrics, University of California, San Diego, San Diego, CA, United States.*

86. NUTRITIONAL OUTCOMES AFTER INTRODUCING HUMAN-MILK-BASED HUMAN-MILK FORTIFIER FOR PRETERM INFANTS IN AN URBAN LEVEL IV NICU

Shruti Patel¹, Nikitha Mangalapally¹, Alexandra Vlk¹, Christine Capriolo¹, Erin Schofield¹, Natalie L. Davis¹

1. *Peds/Neonatology, University of Maryland School of Medicine, Baltimore, MD, United States.*

87. CHANGES TO NICU FEEDING PROTOCOLS IMPROVED PROVISION OF HUMAN MILK TO EARLY PRETERM INFANTS

Nikitha Mangalapally¹, Shruti Patel¹, Alexandra Vlk¹, Erin Schofield¹, Christine Capriolo¹, Natalie L. Davis¹

1. *Pediatrics/Neonatology, University of Maryland School of Medicine, BALTIMORE, MD, United States.*

89. HELPING BABIES GROW- ARE WE SETTING BABIES UP FOR SUCCESS POST DISCHARGE?

Geetika Kennady¹, Alina Ivashchuk¹, Bridget Storm¹, Tracy Headley¹, Amy Mackley¹, Carlos Duran¹, Deborah Tuttle¹

1. *ChristianaCare, Newark, DE, United States.*

90. FEEDING CHOICES AMONGST MOTHERS OF BABIES IN THE NEONATAL INTENSIVE CARE UNIT

Dzhamilya Abramova¹, Krystal Hunter¹, Alla Kushnir¹
1. Neonatology, Cooper University Hospital, Camden, NJ, United States.

91. EFFICACY OF MILK EXPRESSION IN THE FIRST WEEK PREDICTS LACTATION SUCCESS FOR MOTHERS OF PRETERM INFANTS

Victoria Scarpelli¹, Disha Yellayi¹, Barry Weinberger¹, Mariana Brewer¹, Diana Maffei¹
1. Pediatrics, Northwell Cohen Children's Medical Center, Queens, NY, United States.

92. HUMAN MILK-DERIVED FORTIFIER VERSUS BOVINE MILK-DERIVED FORTIFIER USE IN VERY LOW BIRTH WEIGHT INFANTS: IMPACT ON GROWTH AND VITAMIN D STATUS

Emmanuelle Lavassani¹, Kate Tauber¹, Jennifer Cerone¹, Jennifer Ludke¹, Upender Munshi¹
1. Albany Medical Center, Albany, NY, United States.

Friday, March 11, 2022

5:00 pm-6:30 pm

CONCURRENT ABSTRACT PRESENTATION SESSION IV

Session 4B

Sponsors: Penn State
ESPR

Moderators: Shaon Sengupta
Carlos Oliveira

93. DETECTION OF SARS-COV-2 IN STOOL BUT NOT NARES OF NEWBORNS OF MOTHERS WITH COVID-19 DURING PREGNANCY

Jenny C. Jin^{1,2}, Aparna Ananthanarayanan², Julia A. Brown², Stephanie L. Rager², Yaron Bram^{5,6}, Katherine Z. Sanidad², Mohammed Amir², Rebecca Baergen³, Heidi Stuhlmann⁴, Robert E. Schwartz^{5,6}, Jeffrey Perlman¹, Melody Zeng²

1. Department of Newborn Medicine, New York Presbyterian Weill Cornell Medicine, New York, NY, United States. 2. Drukier Institute for Children's Health, Weill Cornell Medicine, New York, NY, United States. 3. Department of Pathology and Laboratory Medicine, New York Presbyterian Weill Cornell Medicine, New York, NY, United States. 4. Department of Cell and Developmental Biology, Weill Cornell Medicine, New York, NY, United States. 5. Department of Biophysics, Physiology, and Systems Biology, Weill Cornell Medicine, New York, NY, United States. 6. Division of Gastroenterology and Hepatology, New York Presbyterian Weill Cornell Medicine, New York, NY, United States.

94. CHARACTERISTICS OF POST-ACUTE SEQUELAE OF COVID-19 (PASC) IN PEDIATRICS

Elijah Paintsil^{1,2}, Carlos R. Oliveira¹

1. Department of Pediatrics, Section of Infectious Diseases and Global Health, Yale University School of Medicine, New Haven, CT, United States. 2. Department of Pharmacology, Yale University School of Medicine, New Haven, CT, United States.

95. HOST MATURITY AND MICROBIAL FACTORS REGULATE THE ANTI-INFLAMMATORY EFFECTS OF ADJUNCTIVE PENTOXIFYLLINE IN MURINE NEONATAL SEPSIS

Esther M. Speer¹, Atilade A. Adedeji¹

1. Pediatrics, Stony Brook Children's, Stony Brook, NY, United States.

96. PROVISION OF HUMAN MILK AT NICU DISCHARGE FOR PRETERM INFANTS DURING THE COVID-19 PANDEMIC

Lauren Boudreau¹, Betty Vohr^{1,2}, Richard Tucker¹, Elisabeth McGowan¹

1. Women and Infants Hospital of Rhode Island, Providence, RI, United States. 2. Alpert Medical School of Brown University, Providence, RI, United States.

97. PATIENT CHARACTERISTICS AND OUTCOMES OF STAPHYLOCOCCUS AUREUS BACTEREMIA IN A QUATERNARY NEONATAL INTENSIVE CARE UNIT

Ami J. Patel¹, Kathleen Gibbs¹, Mary C. Harris¹, Lakshmi Srinivasan¹

1. Children's Hospital of Philadelphia, Philadelphia, PA, United States.

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98. UTILITY OF THE NEONATAL SEQUENTIAL ORGAN FAILURE ASSESSMENT (NSOFA) SCORE IN PREDICTING MORBIDITY AND MORTALITY IN INFANTS WITH EARLY-ONSET SEPSIS (EOS)

Rakesh Sahni¹, Richard Polin¹

1. Pediatrics, New York Presbyterian Morgan Stanley Children's Hospital, New York, NY, United States.

99. EARLY-ONSET SEPSIS AND ANTIBIOTIC EXPOSURE AMONG INFANTS WITH CONGENITAL ANOMALIES

Leigh M. Finnegan¹, Anne Ades², Natalie Rintoul², Lakshmi Srinivasan²

1. Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. Neonatology, Children's Hospital of Philadelphia, Philadelphia, PA, United States.

100. NEONATAL ANTIMICROBIAL STEWARDSHIP: DISCONTINUING THERAPY AT 36 HOURS

Tatiana Borja¹, Priyadarshani Giri¹, Jonathan Blau¹, Brigit Vomero¹

1. Pediatrics, Northwell- Staten Island, Staten island, NY, United States.

Friday, March 11, 2022

5:00 pm-6:30 pm

CONCURRENT ABSTRACT PRESENTATION SESSION IV

Session 4C

Sponsors: Boston Children's Hospital
Brooklyn Pediatric Society
American Academy of Pediatrics PA Chapter

Moderators: Eliza Muniz

ESPR SESSION AWARD RECIPIENT – *Sponsored by Reckitt/Mead Johnson*

101. CARE QUALITY DIFFERS FOR MODERATE AND LATE PRETERM INFANTS BY NICU LEVEL

Elizabeth G. Salazar¹, Sara Handley¹, Lucy T. Greenberg², Erika Edwards², Scott Lorch¹
1. Neonatology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. Vermont Oxford Network, Burlington, VT, United States.

102. SKIN AND SOFT TISSUE INFECTIONS AND ASSOCIATED COMPLICATIONS IN CHILDREN AGED 0-3 YEARS IN TWO URBAN MULTIETHNIC COMMUNITY HOSPITALS

Maria Celeste Ruiz Holgado¹, Ahmed S. Youssef¹, Lubna Rahman¹, Radhika Maddali¹, Tashalee McGrath-Blagrove¹, Lochana Kc¹, Tayyaba Wajih¹, Bipashna Malla¹, Leidi Maylan Pedraza Gonzalez¹, Lily Lew¹, Esra Fakioglu¹
1. Pediatrics, Flushing Hospital Medical Center, Flushing, NY, United States.

103. POST-TRAUMATIC WOUND INFECTIONS FOLLOWING PEDIATRIC NON-LETHAL, FIREARM EXTREMITY INJURIES

Spandana Induru¹, Adil Shah², Rana Hamdy³, Mikael Petrosyan², Kavita Parikh¹, Shilpa J. Patel⁴
1. Pediatric Hospital Medicine, Children's National Hospital, Washington, DC, United States. 2. Pediatric Surgery, Children's National Hospital, Washington, DC, United States. 3. Pediatric Infectious Disease, Children's National Hospital, Washington, DC, United States. 4. Pediatric Emergency Medicine, Children's National Hospital, Washington, DC, United States.

104. CARDIAC RECOVERY IN CHILDREN ADMITTED TO THE PEDIATRIC INTENSIVE CARE UNIT WITH MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN

Zelda Ghersin¹, Andrew Corson¹, Sara Galeotti¹, Stephanie Chin^{1,2}, Hannah Kim³, Saranga Agarwal³
1. Pediatrics, Hackensack Meridian K. Hovnanian Children's Hospital at the Jersey Shore University Medical Center, Neptune, NJ, United States. 2. Pediatric Cardiology, Alpert Zales & Castro Pediatric Cardiology, Brick, NJ, United States. 3. Pediatrics, Joseph M Sanzari Children's Hospital, Hackensack, NJ, United States.

105. CONSISTENCY OF INTERPRETATION OF ISCHEMIC CHANGES ON PEDIATRIC EXERCISE STRESS TESTS BETWEEN CARDIOLOGISTS

Sean Sanker¹, Brett W. Goudie¹, Philip H. Stockwell^{2,3}, James W. Ziegler¹
1. Hasbro Children's Hospital, Providence, RI, United States. 2. Lifespan Cardiovascular

Institute, Providence, RI, United States. 3. Rhode Island Hospital, Providence, RI, United States.

106. THE VALUE OF DNR ORDERS IN THE NICU: THE MEDICAL STAFF PERSPECTIVE

Katherine Redford¹, Randall Li¹, Ana Malfa¹, Beatrice Lechner¹

1. Pediatrics, Women and Infants Hospital, Providence, RI, United States.

107. RATES OF FIREARM-RELATED INJURIES IN CHILDREN DURING COVID

Suzannah Swan¹, Amy Hunter², Mary-Kate Nowobilski¹, Jennifer Leslie Knod¹, Sharon Smith¹

1. Pediatrics, CCMC, Hartford, CT, United States. 2. UCONN, Hartford, CT, United States.

108. INFANT DEVELOPMENTAL SCREENING AT 16 TO 18 MONTHS OF AGE AFTER IN-UTERO EXPOSURE TO MATERNAL SARS-COV-2 INFECTION

Aashish Shah¹, Sourabh Verma¹, Sadaf Kazmi¹, Pia Martindale¹, Taylor Groth¹, Michele Zaccario¹, Felice Sklamberg¹, Heather Howell¹

1. Pediatrics, NYU, New York, NY, United States.

Saturday, March 12, 2022

8:00 am-9:30 am

CONCURRENT ABSTRACT PRESENTATION SESSION V

Session 5A

Sponsors: Children's Hospital at Montefiore
ESPR

Moderators: Elizabeth Yen
Nayef Chahin

109. THE EFFECT OF IN UTERO POLYCYCLIC AROMATIC HYDROCARBON EXPOSURE ON THE NEONATAL MECONIUM MICROBIOME

Divya Keerthy¹, Lingsheng Wen², Dwayne Seeram², Heekuk Park², Lehyla Calero³, Heng Hu³, Anne-Catrin Uhlemann², Julie Herbstman³

1. Neonatal and Perinatal Medicine, Columbia University, New York, NY, United States. 2. Division of Infectious Diseases, Columbia University, New York, NY, United States. 3. Mailman School of Public Health, Columbia University, New York, NY, United States.

110. EPINEPHRINE RESPONSES TO HYPOGLYCEMIA ON THE FIRST POSTNATAL DAY: KEEP TESTING SERUM GLUCOSE!

Fernando L. Peña-Cruz¹, Bistra Nankova², Alice Zhang³, Edmund La Gamma^{1,2}

1. Neonatal-Perinatal Medicine, Maria Fareri Children's Hospital at Westchester Medical Center, Valhalla, NY, United States. 2. New York Medical College, BCHP, Valhalla, NY, United States. 3. New York Medical College, Valhalla, NY, United States.

111. A RANDOMIZED CONTROLLED TRIAL (RCT) INVESTIGATING THE EFFECT OF L-CARNITINE SUPPLEMENTATION ON GROWTH PARAMETERS IN PRETERM INFANTS

Indirapriya Darshini Avulakunta^{1,3}, Marie Clarke², Ellen J. Silver³, Ruth EK Stein³, Nora Esteban-Cruciani³, Mamta Fuloria^{1,3}

1. Neonatology, Children's Hospital at Montefiore, Bronx, NY, United States. 2. Pediatrics, Case Western Reserve University School of Medicine, Cleveland, OH, United States. 3. Pediatrics, Albert Einstein College of Medicine, Bronx, NY, United States.

112. EVALUATION OF DEXTROSE GEL USE IN NEONATAL HYPOGLYCEMIA- A SINGLE CENTER STUDY

Stephanie Abuso³, Jenni J. Choi³, Meredith Akerman¹, Rania El-Khawam³, Ranjith Kamity³, Christie Clauss², Nazeeh Hanna³, Vikramaditya Dumpa³

1. Biostatistics Core, Health Services Research, NYU Langone Long Island School of Medicine, Mineola, NY, United States. 2. Department of Pharmacy, NYU Langone Long Island, Mineola, NY, United States. 3. Department of Pediatrics, NYU Langone Long Island School of Medicine, Mineola, NY, United States.

113. IDENTIFICATION AND TESTING IN INFANTS WITH PERINATAL HEPATITIS C EXPOSURE

Natalie Morris¹, Krystal Hunter¹, Vishwanath Bhat¹, Alla Kushnir¹

1. Cooper Medical School of Rowan University, Camden, NJ, United States.

114. TRANSITIONAL NEONATAL HYPOGLYCEMIA- HOW LOW IS TOO LOW?

Rania El-Khawam¹, Vikramaditya Dumpa¹, Brenda Kohn², Nazeeh Hanna¹

1. Pediatrics, NYU Long Island School of Medicine, Mineola, NY, United States. 2. Pediatrics, NYU Grossman School of Medicine, New York, NY, United States.

115. THE RELATIONSHIP BETWEEN EARLY PROTEIN INTAKE AND CHANGES TO WEIGHT Z-SCORE IN VERY LOW BIRTH WEIGHT NEONATES

Nadia Asif¹, Shanthi Sridhar¹, Hector Alcalá¹, Susan Mathieson¹, Jennifer Pynn¹

1. Stony Brook University Hospital, Stony Brook, NY, United States.

116. INCIDENCE AND PREDICTORS OF POST-NECROTIZING ENTEROCOLITIS STRICTURE FORMATION IN PRETERM NEONATES

Tammy Tran¹, Meghan Gray², Natalie L. Davis¹

1. Pediatrics/Neonatology, University of Maryland School of Medicine, Baltimore, MD, United States. 2. Columbia, New York, NY, United States.

Saturday, March 12, 2022

8:00 am-9:30 am

CONCURRENT ABSTRACT PRESENTATION SESSION V

Session 5B

Sponsors: Penn State
ESPR

Moderators: Echezona Maduekwe
Mohammad Zia

117. ASSOCIATION BETWEEN NEONATAL ABSTINENCE SYNDROME AND CONGENITAL ANOMALIES IN THE UNITED STATES

Igbagbosanmi Oredein², Cecilia Ampem-Darko⁷, Jacob Umscheid⁸, Grace A. Cudjoe⁵, Adwoa O. Asiamah¹¹, Narendrasinh Parmar⁶, Rhythm Vasudeva⁸, Parth Bhatt¹, Keyur Donda⁴, Kripa Patel¹⁰, Savani Saloni¹², Harshit Doshi⁹, Fredrick Dapaah-Siakwan³

1. *Pediatrics, United Hospital Center, Bridgeport, WV, United States.* 2. *Pediatrics, Hurley Medical Center, Flint, MI, United States.* 3. *Valley Children's Hospital, Madera, CA, United States.* 4. *Pediatrics, University of South Florida, Tampa, FL, United States.* 5. *Pediatrics, Korle Bu Teaching Hospital, Accra, Greater Accra, Ghana.* 6. *Pediatrics, Brookdale University Medical Center, New York City, NY, United States.* 7. *Pediatrics, Tema General Hospital, Tema, Ghana.* 8. *Pediatrics, University of Kansas School of Medicine Wichita, Wichita, KS, United States.* 9. *Pediatrics, Children's Hospital of Southwest Florida, Fort Myers, FL, United States.* 10. *Sheth Vadilal Sarabhai General Hospital, Ahmedabad, Gujarat, India.* 11. *Pantang Hospital, Accra, Greater Accra, Ghana.* 12. *GMERS Medical College, Surat, India.*

118. DO SMALL FOR GESTATIONAL AGE INFANTS EXPERIENCE LESS SEVERE NEONATAL ABSTINENCE SYNDROME?

Daniela Friedman², Nida Zubair³, Zubair Aghai¹

1. *Pediatrics/Neonatology, Thomas Jefferson University, Philadelphia, PA, United States.* 2. *Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA, United States.* 3. *Thomas Jefferson University, Philadelphia, PA, United States.*

119. THE EFFECT OF HIGH PROTEIN INTAKE ON INSULIN-LIKE GROWTH FACTOR – 1 AND RETINOPATHY OF PREMATURITY IN VERY LOW BIRTH WEIGHT NEONATES

Divya Keerthy¹, Angela Holuba², David Bateman¹, Sudha Kashyap¹

1. *Neonatal and Perinatal Medicine, Columbia University, New York, NY, United States.* 2. *Mailman School of Public Health Alumnus, Columbia University, New York, NY, United States.*

120. RESPIRATORY DYSFUNCTION AND NEWBORN SCREEN ACYLCARNITINE PROFILES PREDICT GROWTH FAILURE IN EXTREMELY LOW GESTATIONAL AGE NEWBORNS

Igor Khodak¹, Ethan D. Cohen¹, Gloria Pryhuber¹, Lori Scholer², Jeanne Holden-Wiltse^{3, 5}, Andrew McDavid⁴, Michael A. O'Reilly¹, Andrew Dylag¹

1. *Pediatrics, University of Rochester Medical Center, Rochester, NY, United States.* 2. *Food and Nutrition, University of Rochester Medical Center, Rochester, NY, United States.* 3. *Clinical and Translational Research, University of Rochester Medical Center, Rochester, NY, United States.* 4. *Biostatistics and Computational Biology, University of Rochester Medical Center,*

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Rochester, NY, United States. 5. *Biostatistics and Computational Biology, University of Rochester Medical Center, Rochester, NY, United States.*

121. ORAL PREDNISOLONE IN INFANTS WITH BRONCHOPULMONARY DYSPLASIA: IS THERE A SUBSET THAT RESPONDS?

Noor Mehandi¹, Deepali Handa¹, Geovanny Perez¹, Jayasree Nair¹

1. *University at Buffalo, (SUNY), Buffalo, NY, United States.*

122. CEREBRAL PALSY AND PERSISTENT MOTOR IMPAIRMENT IN EXTREMELY LOW GESTATIONAL AGE NEWBORNS: ASSOCIATING RISK FACTORS WITH DIAGNOSES AT AGE 2 AND 10 YEARS

Timothy P. Marinelli^{1,2}, Joe X. Yi², Michael O'Shea², Robert Joseph³, Stephen Hooper², Karl Kuban³, Christina Sakai¹, Michael Msall⁴, Rebecca Fry², Rachana Singh¹

1. *Pediatrics, Tufts Children's Hospital, Boston, MA, United States.* 2. *University of North Carolina School of Medicine, Chapel Hill, NC, United States.* 3. *Anatomy and Neurobiology, Boston University School of Medicine, Boston, MA, United States.* 4. *Pediatrics, University of Chicago Pritzker School of Medicine, Chicago, IL, United States.*

123. SODIUM SUPPLEMENTATION AND HYPERTENSION IN PRETERM INFANTS: A RETROSPECTIVE STUDY

Daphney Clermont¹, Rebecca Petersen¹, Noah Hillman¹, Howard Williams¹

1. *Department of Neonatology, SSM Health Hospitals, St. Louis, MO, United States.*

124. SCREENING AND MANAGEMENT PRACTICES OF OSTEOPENIA OF PREMATURE AT A LEVEL IV NICU

Linsey Cromwell¹, Anoosha Kasanagottu¹, Vilmaris Quinones Cardona¹, Folasade I. Kehinde¹

1. *Neonatology, St. Christopher's hospital for children, Philadelphia, PA, United States.*

125. NON-PHARMACOLOGICAL MANAGEMENT OF NEONATAL ABSTINENCE SYNDROME (NAS) SUCCESS AND RISK FACTORS FOR FAILURE

Kate Tauber¹, Laura K. Stanfel², Upender Munshi¹

1. *Pediatrics, Albany Medical Center, Albany, NY, United States.* 2. *Pediatrics, Nemours Children's Hospital, Delaware, DE, United States.*

Saturday, March 12, 2022

8:00 am-9:30 am

CONCURRENT ABSTRACT PRESENTATION SESSION V

Session 5C

Sponsors: Hackensack Meridian Children's Health at the Joseph M. Sanzari
Children's Hospital
ESPR

Moderators: Beatrice Goilav

126. ADJUNCTIVE PENTOXIFYLLINE SUPPRESSES CHEMOKINE AND ENHANCES INTERLEUKIN 10 EXPRESSION IN RENAL TISSUE OF CEFOTAXIME-TREATED NEONATAL MICE WITH ESCHERICHIA COLI PERITONITIS

Atilade A. Adedeji¹, Robert P. Woroniecki¹, Esther M. Speer¹

1. Pediatrics, Stony Brook Children's Hospital, Stony Brook, NY, United States.

127. IRON DEFICIENCY AT THE TIME OF DISCHARGE IN VERY LOW BIRTH WEIGHT INFANTS (VLBW): IMPACT OF DELAYED CORD CLAMPING.

Geetika Kennady¹, Faraz Afridi², Dana Neumann¹, Barbara Amendolia², Nicole Kilic², Vishwanath Bhat², Vineet Bhandari², Zubair Aghai¹

1. Pediatrics/Neonatology, Thomas Jefferson University/ Nemours, Philadelphia, PA, United States. 2. Pediatrics/Neonatology, Cooper University Hospital, Camden, NJ, United States.

128. ELLIPTOCYTOSIS IN NEWBORN SECONDARY TO NOVEL HETEROZYGOUS MUTATION

Daphna Varadi¹, Benjamin Caplan¹, Maria Scarano², Rafat Ahmed²

1. Cooper Medical School of Rowan University, Camden, NJ, United States. 2. Cooper University Hospital, Camden, NJ, United States.

129. OBESITY AND ADIPOSE DISTRIBUTION IMPACT GENETICALLY DETERMINED BLOOD TRAITS

Christopher S. Thom^{1,2}, Madison B. Wilken¹, Stella T. Chou¹, Benjamin F. Voight²

1. Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, United States.

130. DECREASING FORMULA USE FOR INITIAL ENTERAL FEEDS IN VERY LOW BIRTH WEIGHT BABIES AT A TERTIARY CARE NEONATAL INTENSIVE CARE UNIT: QUALITY IMPROVEMENT PROJECT

Victoria Hamilton⁴, Cara McLaughlin¹, Vikash Agrawal², Andreina Mari³, Caitlin DeMarco¹, Deepali Handa³

1. Pediatrics, John R. Oishei Children's Hospital, Buffalo, NY, United States. 2. Neonatology, Linda Loma University Children's Hospital, San Bernardino, CA, United States. 3. Neonatology, University at Buffalo, Buffalo, NY, United States. 4. Pediatrics, University at Buffalo, Buffalo, NY, United States.

131. ASSOCIATION OF PLATELET TRANSFUSION AND SEVERE INTRAVENTRICULAR HEMORRHAGE IN VERY LOW BIRTH WEIGHT INFANTS

Katherine M. Raja¹, Brenda Hussey-Gardner², Mathangi Gopalakrishnan³, Sripriya Sundararajan²

1. University of Maryland School of Medicine, Baltimore, MD, United States. 2. Division of Neonatology, Department of Pediatrics, University of Maryland School of Medicine, Baltimore, MD, United States. 3. Center for Translational Research, University of Maryland School of Pharmacy, Baltimore, MD, United States.

132. IMPACT OF HYDROXYUREA USE ON THE CLINICAL EXPRESSION OF SICKLE CELL DISEASE IN A COMMUNITY HOSPITAL IN BROOKLYN

Althea Samantha Agdamag¹, michelle bogdan¹, Mojdeh Habibi¹, Sara Keller¹, Tola Orisamolu¹, Alec McKechnie¹, Oksana Nulman¹, Revathy Sundaram¹

1. Pediatrics, New York Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY, United States.

133. URINARY EPINEPHRINE MEASUREMENTS IN THE NICU AND THEIR CORRELATION WITH SEVERITY OF ILLNESS: OPTIMIZING REPORTING METHODOLOGY

Fernando L. Peña-Cruz², Bistra Nankova¹, Alice Zhang¹, Edmund La Gamma^{1,2}

1. New York Medical College, Valhalla, NY, United States. 2. Neonatal-Perinatal Medicine, Maria Fareri Children's Hospital at Westchester Medical Center, Valhalla, NY, United States.

9:30 am-10:00 am

BREAK

Saturday, March 12, 2022

10:00 am-11:30 am CONCURRENT ABSTRACT PRESENTATION SESSION VI

Session 6A

Sponsors: Weill Cornell Medicine/New York-Presbyterian Hospital - Division of
Newborn Medicine
ESPR

Moderators: Jason Stoller
Ed Hurley

134. RAPID BICARBONATE BOLUS POST EXTENSIVE NEONATAL RESUSCITATION LEADS TO INCREASED PERFUSION TO THE HEART AND BRAIN

Mausma Bawa¹, Sylvia Gugino¹, Justin Helman¹, Nicole Bradley¹, Andreina Mari¹, Arun Prasath¹, Clariss Blanco¹, Munmun Rawat¹, Praveen Chandrasekharan¹
1. SUNY Buffalo, Buffalo, NY, United States.

135. COMPARISON OF ECHOCARDIOGRAPHIC INDICES OF VENTRICULAR FUNCTION AND PULMONARY HYPERTENSION IN PREMATURE INFANTS AFTER TRANSCATHETER VS. SURGICAL CLOSURE OF THE PATENT DUCTUS ARTERIOSUS

Carolyn Sommer¹, Siddharth Mahajan¹, Joanna Fishbein¹, Dipak Kholwadwala¹, Shilpi Epstein¹, Howard Heiman², Robert Koppel², Lindsey McPhillips¹, Denise A. Hayes¹
1. Pediatric Cardiology, Cohen Children's Medical Center, Queens, NY, United States. 2. Neonatology, Cohen Children's Medical Center, Queens, NY, United States.

136. INITIAL ELEVATED MIDLINE HEAD POSITION REDUCES HEMODYNAMIC FLUCTUATION WITH SUBSEQUENT POSITION CHANGE

Andreina Mari¹, Mausma Bawa¹, Sylvia Gugino¹, Justin Helman¹, Nicole Bradley¹, Carmon Koenigsknecht¹, Arun Prasath¹, Praveen Chandrasekharan¹, Munmun Rawat¹, Jayasree Nair¹
1. Neonatology, University at Buffalo, Buffalo, NY, United States.

137. IS NIPPV SUPERIOR TO CPAP IN MAINTAINING TARGETED OXYGEN SATURATION RANGES IN PRETERM INFANTS ON MODERATE NON-INVASIVE RESPIRATORY SUPPORT?

Clifford Hegedus¹, William Bucher¹, David Carola¹, Zubair Aghai¹
1. Nemours/Thomas Jefferson University Hospital, Philadelphia, PA, United States.

138. BLOOD SUGAR LEVELS AND ITS ASSOCIATION WITH NEONATAL RESUSCITATION USING AN OVINE CARDIAC ARREST MODEL.

Arun Prasath¹, Sylvia Gugino¹, Justin Helman¹, Nicole Bradley¹, Lori Nielsen¹, Aditya Gupta¹, Clariss Blanco¹, Andreina Mari¹, Jayasree Nair¹, Vasantha H. Kumar¹, Munmun Rawat¹, Praveen Chandrasekharan¹
1. Neonatology, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo, Buffalo, NY, United States.

139. WORK OF BREATHING INDICES AND OXYGEN SATURATION AT DISCHARGE IN PREMATURE INFANTS WITH HISTORY OF RESPIRATORY INSUFFICIENCY

Kelley Z. Kovatis¹, Robert Locke¹, Amy Mackley¹, Thomas H. Shaffer²

1. Pediatrics/ Neonatology, Christiana Care, Newark, DE, United States. 2. A.I Dupont Hospital for Children, Wilmington, DE, United States.

140. CYCLOPHILIN D INHIBITION RESCUES CARDIAC FUNCTION IN NEONATAL HYPOXIA

Jonathan R. Burris¹, Gisela Beutner¹, Min Yee¹, Michael A. O'Reilly¹, George A. Porter¹

1. Pediatrics, University of Rochester, Rochester, NY, United States.

141. THE RELATIONSHIP BETWEEN CORONARY SINUS DIAMETER AND SEVERITY OF PULMONARY HYPERTENSION IN PRETERM INFANTS

Errica Capossela¹, Robert Koppel¹, Denise A. Hayes¹, Allison Siegel¹, Irina Gershkovich¹

1. Cohen Children's Medical Center, Queens, NY, United States.

11:30 am-12:00 pm BREAK

Saturday, March 12, 2022

10:00 am-11:30 am CONCURRENT ABSTRACT PRESENTATION SESSION VI

Session 6B

Sponsors: Hackensack Meridian Children's Health at the Joseph M. Sanzari
Children's Hospital
ESPR

Moderators: Jayasree Ramasethu
Rubia Khalak

142. CESSATION OF ROUTINE GASTRIC ASPIRATE MONITORING IMPROVES NUTRITIONAL OUTCOMES IN EARLY PRETERM INFANTS WITHOUT INCREASING COMORBIDITIES

Shruti Patel¹, Nikitha Mangalapally¹, Alexandra Vlk¹, Christine Capriolo¹, Erin Schofield¹, Natalie L. Davis¹

1. Peds/Neonatology, University of Maryland School of Medicine, Baltimore, MD, United States.

143. CAR SEAT SCREENING IN INFANTS WITH CYANOTIC CONGENITAL HEART DISEASE

Emily Sangillo¹, Natalie L. Davis¹

1. Neonatology, University of Maryland Children's Hospital, Baltimore, MD, United States.

144. DOES ANALGESIA AND SEDATION USE DURING THERAPEUTIC HYPOTHERMIA IMPROVE SHORT TERM OUTCOMES IN NEONATES WITH HYPOXIC ISCHEMIC ENCEPHALOPATHY?

Mary E. Pease^{1,3}, Erica Yi⁴, Swosti Joshi^{1,3}, Ogechukwu Menkiti^{1,3}, Erica Poletto^{2,3}, Vilmaris Quinones Cardona^{1,3}

1. Neonatology, St. Christopher's Hospital for Children, Philadelphia, PA, United States. 2. Radiology, St Christopher's Hospital for Children, Philadelphia, PA, United States. 3. Pediatrics, Drexel University College of Medicine, Philadelphia, PA, United States. 4. Drexel University College of Medicine, Philadelphia, PA, United States.

145. SPATIAL PATTERNS OF SPONTANEOUS AND MEDICALLY INDICATED PRETERM BIRTH IN PHILADELPHIA

Nancy Yang¹, Harrison Quick², Steven Melly³, Anne Mullin⁴, Leah H. Schinasi^{5,3}, Heather Burris^{1,6,7}

1. Division of Neonatology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. Department of Epidemiology and Biostatistics, Drexel University Dornsife School of Public Health, Philadelphia, PA, United States. 3. Urban Health Collaborative, Drexel University Dornsife School of Public Health, Philadelphia, PA, United States. 4. Tufts University School of Medicine, Boston, MA, United States. 5. Department of Environmental and Occupational Health, Drexel University Dornsife School of Public Health, Philadelphia, PA, United States. 6. Department of Pediatrics, University of Pennsylvania Perelman School of Medicine,

Philadelphia, PA, United States. 7. Center of Excellence in Environmental Toxicology, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA, United States.

146. PILOT STUDY OF TRANSCRIPTOMIC EVIDENCE OF THE EFFECTS OF PRENATAL OPIOIDS IN PRETERM NEONATES

Juyeon Baik¹, Jill Maron², Elizabeth Yen^{3, 4, 5}

1. Department of Biomedical Engineering, Tufts University, Medford, MA, United States. 2. Department of Pediatrics, Women & Infants Hospital of Rhode Island, Providence, RI, United States. 3. Tufts University School of Medicine, Boston, MA, United States. 4. Department of Pediatrics, Tufts Medical Center, Boston, MA, United States. 5. Mother Infant Research Institute, Tufts Medical Center, Boston, MA, United States.

147. THEME-CODED QUALITATIVE ANALYSIS TO UNDERSTAND PARENTAL PERCEIVED STRESS AND DEPRESSION IN THE NEONATAL INTENSIVE CARE UNIT

Claire Ressel¹, Jessica A. Wolfe¹, Deborah Perry¹, Lewis Rubin¹

1. Georgetown School of Medicine, Washington DC, DC, United States.

148. EVALUATING THE EFFECT OF INFANT SEX ON A STANDARDIZED CUE-BASED FEEDING PROTOCOL IN PRETERM INFANTS

Isabelle M. Moore², Madeline Walker², Naveed Hussain¹, Ted S. Rosenkrantz¹, Leonard Eisenfeld³, Mariann Pappagallo¹

1. Neonatology, Connecticut Children's NICU at UConn Health, Farmington, CT, United States.

2. University of Connecticut School of Medicine, Farmington, CT, United States. 3.

Neonatology, Connecticut Children's Medical Center, Hartford, CT, United States.

149. OUTCOMES AND RESOURCE USE FOR SURGICAL VERSUS TRANSCATHETER PATENT DUCTUS ARTERIOSUS CLOSURE IN PRETERM INFANTS IN THE UNITED STATES

Harshit Doshi¹, Parth Bhatt³, Cecilia Ampem-Darko⁸, Grace A. Cudjoe⁵, Adwoa O. Asiamah⁶, Tarang Parekh⁴, Fredrick Dapaah-Siakwan⁷, Keyur Donda²

1. Pediatrix Medical Group, Sunrise, FL, United States. 2. Neonatology, Tampa General Hospital, Tampa, FL, United States. 3. United Health Center, Bridgeport, WV, United States. 4. George Mason University, Fairfax, VA, United States. 5. Korle Bu Teaching Hospital, Accra, Ghana. 6. Pantang Hospital, Accra, Ghana. 7. Valley Children Hospital, Madera, CA, United States. 8. N/A, N/A, Ghana.

150. DOES NORMOTHERMIA IN THE DELIVERY ROOM PREDICT NEONATAL INTENSIVE CARE UNIT ADMISSION NORMOTHERMIA?

Gelila M. Asefa¹, Danielle D'Alleva-Byrne¹, Kamesha Bailey¹, Melissa Duran¹, Mary O'Connell¹, Joanna Fishbein¹, Barry Weinberger¹, Vitaliya Boyar¹

1. Cohen Children Medical center, Queens, NY, United States.

11:30 am-12:00 pm BREAK

Saturday, March 12, 2022

10:00 am-11:30 am CONCURRENT ABSTRACT PRESENTATION SESSION VI

Session 6C: AFMR Abstract Session

Sponsors: Quest Diagnostics

Moderators: Stefan Bradu
Lora Kasselmann

151. ONTOGENETIC OXYCODONE EXPOSURE DEMONSTRATES SEX-DEPENDENT ALTERATIONS IN SENSORY PROCESSING, OPIOID REWARD PREFERENCE, AND WEIGHT TRAJECTORY IN ADULT MICE

Elena Minakova¹, Marwa O. Mikati^{2, 3, 4}, Raylynn G. Swift^{2, 5}, Katherine B. McCullough^{2, 5}, Joseph D. Dougherty^{2, 5, 6}, Susan Maloney^{2, 6}, Ream Al-Hasani^{3, 4}

1. Pediatrics, Washington University in Saint Louis, Saint Louis, MO, United States. 2. Psychiatry, Washington University in Saint Louis, Saint Louis, MO, United States. 3. Anesthesiology, Washington University in Saint Louis, Saint Louis, MO, United States. 4. Pain Center, Washington University in Saint Louis, Saint Louis, MO, United States. 5. Genetics, Washington University in Saint Louis, Saint Louis, MO, United States. 6. Intellectual and Developmental Disabilities Research Center, Washington University in Saint Louis, Saint Louis, MO, United States.

152. INAPPROPRIATE USE OF ANTINUCLEAR ANTIBODY TESTING IN THE INPATIENT AND OUTPATIENT SETTINGS AT A COMMUNITY-BASED HEALTHCARE INSTITUTION

Megan A. McGill¹, Fabiana Vastola¹, Jonathan Ambut¹, Maykal Trotter¹, Juan Alvarez², Michael Pagacz²

1. Internal Medicine, Mount Sinai Medical Center, Miami Beach, FL, United States. 2. Pathology, Mount Sinai Medical Center, Miami Beach, FL, United States.

153. DIAGNOSING BONE FRACTURES USING IMAGING AND DEEP LEARNING

J. H. Miao¹, K. H. Miao^{1, 2}

1. Cornell University, New York, NY, United States. 2. NYU School of Medicine, New York, NY, United States.

154. DECONSTRUCTING WORK ENGAGEMENT'S RELATIONSHIP TO STUDENT AND EMPLOYEE TURNOVER

Russell N. Steiner¹, Andrea F. Snell¹, Joelle Elicker¹

1. Psychology, University of Akron, Akron, OH, United States.

155. WITHDRAWN

156. RADIAL STYLOID APPROACH FOR UNSTABLE DISTAL RADIUS FRACTURE OPEN REDUCTION AND INTERNAL FIXATION

Matt Porter¹, Michael G. Johnston¹, Maksim Rusev³, Miguel Schmitz^{2, 1}

1. Orthopaedics, Elson S. Floyd College of Medicine, Spokane, WA, United States. 2. Alpine

Orthopaedics & Spine P.C., Spokane, WA, United States. 3. Surgery, Elson S. Floyd College of Medicine, Spokane, WA, United States.

157. THE CONSEQUENCES OF SPECIAL OPERATIONS OCCUPATIONAL STRESSORS ON ANDROGEN LEVELS AND FERTILITY IN MILITARY MALES: A REVIEW OF THE LITERATURE

Michael G. Johnston¹, Kyle Schuppe¹, Cassandra Lyons²

1. College of Medicine, Washington State University, Spokane, WA, United States. 2. Urology, Naval Medical Center San Diego, San Diego, CA, United States.

158. ASSOCIATION BETWEEN FRUIT AND VEGETABLE FIBER CONSUMPTION AND PANIC DISORDER AND ANXIETY IN NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEYS 1999-2004

Jaydee Choompoo¹, Allison B. Reiss¹, Aaron Pinkhasov¹, Lora Kasselmann¹

1. NYU Long Island School of Medicine, Mineola, NY, United States.

11:30 am-12:00 pm

BREAK

Saturday, March 12, 2022

12:00 pm-2:00 pm PLENARY SESSION II: AWARD PRESENTATIONS

12:00 pm **Introduction of the ESPR Awards**

Moderators: Jayasree Nair
Hamid Bassiri

12:05 pm-12:45 pm **ESPR Mentor of the Year Presentation**

Sponsors: University of Pittsburgh Medical Center
Yale University School of Medicine
Yale University School of Medicine-Infectious
Disease
Mount Sinai Kravis Children's Hospital
ESPR

The Challenge of Communicating Science During COVID

Paul A. Offit, MD

Director of the Vaccine Education Center, Children's Hospital of
Philadelphia, Philadelphia, PA

12:45 pm-1:00 pm Q&A with Dr. Offitt

1:00 pm-1:45 pm **ESPR Young Investigator Trainee Presentations**

Sponsor: Reckitt/Mead Johnson

Moderators: Jayasree Nair
Vivien Yap

1:00 pm **159. ASSOCIATION OF SURFACTANT PROTEIN GENE
VARIANTS WITH RESPIRATORY SYNCYTIAL VIRUS (RSV)
INFECTION IN CHILDREN**

Lynnlee C. Depicolzuane^{1,2}, Chintan Gandhi^{1,2}, Catherine
Roberts², Neal Thomas^{3,2}, Keenan N. Anderson-Fears², Dajiang
Liu², Rongling Wu², Joanna Floros^{2, 1, 4}

*1. Neonatal-Perinatal Medicine, Penn State Health Children's
Hospital, Hershey, PA, United States. 2. Pennsylvania State
University College of Medicine, Hershey, PA, United States. 3.
Pediatric Critical Care Medicine, Penn State Health Children's
Hospital, Hershey, PA, United States. 4. Obstetrics and
Gynecology, Penn State Health Hershey Medical Center, Hershey,
PA, United States.*

- 1:15 pm **160. INTRAVITREAL BEVACIZUMAB FOR RETINOPATHY OF PREMATURETY AND EXACERBATION OF PULMONARY HYPERTENSION**
Lidia Park¹, Lee Donohue¹, Satyan Lakshminrusimha¹, Deepika Sankaran^{1,2}
1. Pediatrics, University of California, Davis Medical Center, Sacramento, CA, United States. 2. Pediatrics, Adventist Health and Rideout Hospital, Marysville, CA, United States.
- 1:30 pm **161. DECREASED HEART RATE VARIABILITY AND ELEVATED INFLAMMATORY CYTOKINES IN PRETERM NEONATES WITH LATE-ONSET INFECTION**
Jaimie Wardinger¹, Dosalyn Thompson¹, Fumiyuki Gardner¹, Brittany Fronheiser¹, Liz Sanchez Pena¹, Kim Doheny¹
1. Division of Neonatal-Perinatal Medicine, Penn State College of Medicine, Hershey, PA, United States.
- 1:45-2:30 **ESPR Young Investigator Early Career Faculty Presentations**
Sponsors: Abbott Nutrition
- Moderators: Jayasree Nair
Vivien Yap
- 1:45 pm **162. ENDOTHELIAL EXPANSION CONTRIBUTES TO ENHANCED BLOOD CELL PRODUCTION FROM TROPOMYOSIN 1 DEFICIENT INDUCED PLURIPOTENT STEM CELLS**
Madison B. Wilken¹, Benjamin F. Voight², Stella T. Chou³, Deborah L. French⁴, Christopher S. Thom¹
1. Neonatology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 2. Genetics and Systems Pharmacology and Translational Therapeutics, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA, United States. 3. Hematology, Children's Hospital of Philadelphia, Philadelphia, PA, United States. 4. Center for Cellular and Molecular Therapeutics, Children's Hospital of Philadelphia, Philadelphia, PA, United States.
- 2:00 pm **163. EVIDENCE FOR THE ROLE OF HEME OXYGENASE-1 ON CORTICAL MONONUCLEAR CELL GENE EXPRESSIONS AND T HELPER CELL PROMINENT NEUROINFLAMMATION AFTER INTRAUTERINE EXPOSURE TO CHORIOAMNIONITIS**
Maide Ozen¹, Alexander Gall¹, Shenandoah Robinson², Lauren L. Jantzie¹
1. Pediatrics, Neonatal Perinatal Medicine, Johns Hopkins University School of Medicine, Baltimore, MD, United States. 2.

2:15 pm **164. IMPACT OF MATERNAL DIABETES ON EARLY WEIGHT LOSS AND OTHER HEALTH OUTCOMES IN MODERATE PRETERM INFANTS IN THE NEONATAL INTENSIVE CARE UNIT**

Catherine O. Buck¹, Veronika Shabanova¹, Reese H. Clark², Sarah N. Taylor¹

1. Pediatrics, Yale School of Medicine, New Haven, CT, United States. 2. Center for Research, Education, Quality and Safety, MEDNAX, Sunrise, FL, United States.

2:30-2:40 **ESPR Diversity in Research Trainee Presentations**

Sponsor: Abbott Nutrition

Moderators: Suhasini Kaushal
Patricia Vuguin

165. A RANDOMIZED CONTROL TRIAL COMPARING THE CURRENT RECOMMENDATIONS OF VENTILATION AND CHEST COMPRESSION VS. VENTILATION DURING NEONATAL RESUSCITATION USING AN OVINE MODEL OF BRADYCARDIA

Mausma Bawa¹, Sylvia Gugino¹, Justin Helman¹, Nicole Bradley¹, Andreina Mari¹, Arun Prasath¹, Clariss Blanco¹, Munmun Rawat¹, Praveen Chandrasekharan¹

1. University at Buffalo, Buffalo, NY, United States.

2:40-2:50 **ESPR Diversity in Research Early Career Faculty Presentations**

Sponsor: Reckitt/Mead Johnson

Moderators: Suhasini Kaushal
Patricia Vuguin

166. EXTRACELLULAR VESICLES AS NANOSIZED MEDIATORS IN BRONCHOPULMONARY DYSPLASIA IN EXTREMELY PRETERM INFANTS

Shaili Amatya¹, Roopa Siddaiah¹, Han Chen¹, Mi Zhou¹, Yuanjun Zhao¹, Jeffrey Sundstrom¹, Zissis Chronenos¹

1. Penn State College of Medicine, Hershey, PA, United States.

2:50 pm **Introduction of the AFMR Awards**

2:55-3:10 pm **AFMR Henry Christian Award Presentation**

Moderator: Lora Kasselmann

**167. DIAGNOSING BONE CANCERS AND ENHANCING
TREATMENT OUTCOMES WITH IMAGING AND MACHINE
LEARNING**

K. H. Miao^{1,2}, J. H. Miao¹

*1. Cornell University, New York, NY, United States. 2. NYU School
of Medicine, New York, NY, United States.*

3:10 pm-3:30 pm

BREAK

Saturday, March 12, 2022

3:30 pm-4:30 pm

POSTER SESSION

Poster Session 1: Quality Improvement

Moderators: Suhasini Kaushal
Patricia Vuguin

P1. IMPROVING THE MANAGEMENT OF FEBRILE YOUNG INFANTS IN THE PEDIATRIC EMERGENCY DEPARTMENT

Dina Daswani¹, Svetlana Duvidovich¹, Aaron E. Grubner¹, Yevgeniy Liverant¹, Nevine A. Macalintal¹, Darshan Patel¹

1. Pediatrics, Maria Fareri Children's Hospital at Westchester Medical Center, Valhalla, NY, United States.

P2. USE OF DEXTROSE GEL IN HIGH-RISK NEWBORNS IN THE NEWBORN NURSERY: A QUALITY IMPROVEMENT (QI) INITIATIVE

Melanie Gao¹, Jillian Schon¹, Snezana N. Osorio¹, Erin Kelly¹, Jenny C. Jin², Abieyuwa Iyare¹, Karyn Jonas¹, Erika Abramson¹, Rae-Jean Hemway¹, Jeffrey Perlman², Priyanka Tiwari²

1. Department of Pediatrics, New York Presbyterian-Weill Cornell Medical Center, New York, NY, United States. 2. Division of Newborn Medicine, New York Presbyterian-Weill Cornell Medical Center, New York, NY, United States.

P3. ADDRESSING BARRIERS AND IMPROVING MENINGOCOCCAL IMMUNIZATION ADHERENCE IN PATIENTS WITH SICKLE CELL DISEASE

Randal De Souza¹, Jennie Hart³, Susan Lipton²

1. Pediatrics, Sinai Hospital of Baltimore, Baltimore, MD, United States. 2. Pediatric Infectious Diseases, Sinai Hospital of Baltimore, Baltimore, MD, United States. 3. Pediatric Hematology & Oncology, Sinai Hospital of Baltimore, Baltimore, MD, United States.

P4. IMPROVING NAFLD SCREENING IN AN URBAN PEDIATRIC CLINIC

Gabriela Araujo¹, Janet Lee¹, Marcy Stein Albert¹, Kathrin Balaoura¹, Bikram Singh², Gayle Lashansky¹

1. Icahn School of Medicine at Mount Sinai, New York, NY, United States. 2. NYC Health + Hospitals/Queens, Jamaica, NY, United States.

P5. ROLE OF PEDIATRIC INTERVENTION IN IMPROVING TDAP VACCINATION RATES

Nishani Ekanayake², Courtney Briggs-Steinberg¹, Philip Roth², Jonathan Blau¹

1. Division of Neonatology, Staten Island University Hospital, Northwell Health, Staten Island, NY, United States. 2. Pediatrics, Staten Island University Hospital, Northwell Health, Staten Island, NY, United States.

P6. REDUCING HYPOTHERMIA IN PRETERM INFANTS < 36 WEEKS GESTATIONAL AGE (GA) ADMITTED TO NICU AT MAIMONIDES CHILDREN'S HOSPITAL

Mehbeen Khan¹, Anju Gupta², Alok Bhutada³

1. Neonatology, Maimonides Medical Center, Brooklyn, NY, United States. 2. Neonatology, Maimonides Medical Center, Brooklyn, NY, United States. 3. Neonatology, Maimonides medical Center, Brooklyn, NY, United States.

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P7. BABY IT'S COLD OUTSIDE: REDUCING RATES OF HYPOTHERMIA ON NICU ADMISSION AND IN THE DELIVERY ROOM

Bethany M. Hung¹, Tayo Adeyemo¹, Sripriya Sundararajan¹, Colleen Hughes Driscoll¹
1. Neonatology, University of Maryland School of Medicine, Baltimore, MD, United States.

P8. IMPROVING ADHERENCE TO VACCINATION RECOMMENDATIONS IN A LEVEL III NEONATAL INTENSIVE CARE UNIT; A QI INITIATIVE

Tatiana Nuzum^{1,2}, Michelle Woodfield¹, Meera Kale¹
1. Pediatrics, Monmouth Medical Center, Long Branch, NJ, United States. 2. Pediatrics, Neonatology, NYU Langone Hassenfeld Children's Hospital, New York, NY, United States.

P9. QUALITY IMPROVEMENT PROJECT TO IMPROVE THE SUCCESS RATE OF WEANING PREMATURE INFANTS TO AN OPEN CRIB AND MAINTAINING NORMOTHERMIA.

Nadia Campbell¹, Amrita Nayak¹
1. Pediatrics, NYU Langone Long Island Hospital, Mineola, NY, United States.

P10. IS HBB ENOUGH? EXPERIENCES WITH QI ACTIVITIES FOR BIRTH ASPHYXIA IN AN LMIC HOSPITAL THROUGH GLOBAL VIRTUAL TEAMWORK

Indira Narayanan¹, Rita Yeboah², Jeffery Arhin³, Nancy Crowell⁴, Jayashree Ramasethu¹
1. Pediatrics/Neonatology, Georgetown University Medical Center, Washington, DC, United States. 2. Pediatrics, Kumasi South Regional Hospital, Kumasi, Ashanti Region, Ghana. 3. University of Maastricht, Maastricht, Netherlands. 4. GU School of Nursing and Health Studies, Washington, DC, United States.

Saturday, March 12, 2022

3:30 pm-4:30 pm

POSTER SESSION

Poster Session 2: General Pediatrics Potpourri

Moderators: Adam Spanier

P11. PREPAREDNESS FOR PEDIATRIC OFFICES EMERGENCIES: A SIMULATION PRIMED QUALITATIVE INQUIRY OF PEDIATRIC PRIMARY CARE STAFF'S PERSPECTIVES ON OFFICE BASED EMERGENCIES

Rabia N. Malik¹, Erin E. Montgomery², Hannah L. Anderson³, Kamal Abulebda², Marc Auerbach¹, Matthew Yuknis²

1. Pediatric Emergency Medicine, Yale School of Medicine, New Haven, CT, United States. 2. Pediatric Critical Care, Indiana University School of Medicine, Indianapolis, IN, United States. 3. Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA, United States.

P12. NONALCOHOLIC FATTY LIVER DISEASE IN CHILDREN WITH DOWN SYNDROME IN TWO MULTIETHNIC COMMUNITY HOSPITALS

Lubna Rahman¹, Radhika Maddali¹, Maria Celeste Ruiz Holgado¹, Ahmed S. Youssef¹, Won H. Baik-Han¹, Lily Lew¹, Rebecca Winderman¹

1. Pediatrics, Flushing Hospital Medical Center, Flushing, NY, United States.

P13. PARENTAL KNOWLEDGE, ATTITUDES, AND PRACTICES ON NEWBORN STOOLING PATTERN AND UTILIZATION OF HEALTHCARE IN A MULTIETHNIC COMMUNITY HOSPITAL

Tania M. Florimon Almanzar¹, Nayibeth Tallaj¹, Alexandra Zariffah¹, Lily Lew¹, Ashley Hiza¹

1. Pediatrics, Flushing Hospital Medical Center, Flushing, NY, United States.

P14. RESPIRATORY SYNCYTIAL VIRUS INFECTION AND RISK OF APNEA IN FULL TERM HEALTHY INFANTS: APPREHENSION ALONE OR JUSTIFIED HOSPITALIZATION?

Dyana Picache¹, Diana Kogan¹, Asif Noor¹, Jill Leavens-Maurer¹, Leonard Krilov¹, Theresa Fiorito¹, Brooke Senken², Meredith Akerman¹

1. Pediatrics, NYU Langone- LI, Mineola, NY, United States. 2. Pediatric Emergency Medicine, Indiana University School of Medicine/Riley Hospital for Children, Indianapolis, IN, United States.

P15. PERCEPTION OF PACIFIER USE AMONG CAREGIVERS OF CHILDREN 0-1 YEARS OF AGE

Aashika Janwadkar^{1,2}, Deseree Irving T³, Genefer Duran³, Ronald Arevalo¹, Janine Adjo^{1,2}, David Rubin^{1,2}

1. Pediatrics, St. Barnabas Hospital, Bronx, NY, United States. 2. Albert Einstein College of Medicine, Bronx, NY, United States. 3. CUNY School of Medicine, New York, NY, United States.

P16. MATERNAL KNOWLEDGE AND ATTITUDE ON NEONATAL JAUNDICE AND PHOTOTHERAPY OF TERM NEWBORNS IN AN URBAN MULTIETHNIC COMMUNITY HOSPITAL

Manuel Torres¹, Priya Mallikarjuna¹, Saikat Goswami¹, Tashalee McGrath-Blagrove¹, Lily

Lew¹, Shirley Pinero-Bernardo¹

1. Pediatrics, Flushing Hospital Medical Center, Flushing, NY, United States.

P17. APPLICATION OF BRUE GUIDELINES TO INFANTS DIAGNOSED BY EMERGENCY DEPARTMENT STAFF.

Wendy Acosta^{3, 1, 2}, Karen Castro Molina^{3, 1, 2}, Janine Adjo^{3, 1, 2}, David Rubin^{3, 1, 2}

1. CUNY School of Medicine, New York, NY, United States. 2. Albert Einstein College of Medicine, New York, NY, United States. 3. Pediatrics, St Barnabas Hospital, Bronx, NY, United States.

P18. PARENTAL KNOWLEDGE, ATTITUDES, AND PRACTICES OF ACETAMINOPHEN AND IBUPROFEN USE IN CHILDREN AGED 0-3 YEARS IN AN URBAN MULTIETHNIC COMMUNITY HOSPITAL

Radhika Maddali¹, Sandy Ma¹, Maria Celeste Ruiz Holgado¹, Lubna Rahman¹, Lily Lew¹, Madhulika Goyal¹

1. Pediatrics, Flushing Hospital Medical Center, Flushing, NY, United States.

P19. PARENTAL KNOWLEDGE, ATTITUDES, AND PRACTICES (KAP) ON PROPER CAR SEAT USE IN INFANTS IN A MULTIETHNIC COMMUNITY HOSPITAL

Nayibeth Tallaj¹, Tania M. Florimon Almanzar¹, Lochana Kc¹, Lily Lew¹, Muller Pierre-Louis¹, Lourdes Cohen¹

1. Pediatrics, Flushing Hospital Medical Center, Flushing, NY, United States.

P20. LESS IS MORE... A STUDY ON OXYGEN SUPPLEMENTATION MODALITIES IN PEDIATRIC STATUS ASTHMATICUS

Andrew M. Beverstock¹, Nicole Sweeney¹, Dimpy Mody¹, Navneet Sahota¹, Christina Monteleone¹, Chinyere Okpara², Jeannine Nonailada²

1. Pediatrics, NYU Langone Hospital - Long Island, Mineola, NY, United States. 2. NYU Langone Hospital - Long Island, Mineola, NY, United States.

Saturday, March 12, 2022

3:30 pm-4:30 pm

POSTER SESSION

Poster Session 3: Cardiology, Neonatology Research

Moderators: Jason Stoller

P21. IMPACT OF VIDEO LARYNGOSCOPY-ENHANCED ADVANCED AIRWAY CURRICULUM FOR LEARNERS IN THE NEONATAL INTENSIVE CARE UNIT.

Christine Yankowski², Kelley Z. Kovatis¹, Rula Nassar¹

1. Christiana Care, Newark, DE, United States. 2. Christiana Care, Newark, DE, United States.

P22. HEART RATE VARIABILITY AND SUBJECTIVE SELF-REPORT AS MEASURES OF STRESS IN SIMULATED NEONATAL RESUSCITATION

Helen Hu¹, Tina Leone¹, Rakesh Sahni¹, Kathleen Brennan¹, Diana Vargas¹

1. Columbia University, New York, NY, United States.

P23. CONTINUOUS MONITORING OF HEMODYNAMIC RESPONSES TO EXTUBATION IN VERY LOW BIRTH WEIGHT INFANTS: A PILOT FEASIBILITY STUDY

Gad Alpan², Edmund LaGamma¹

1. Division of Newborn Medicine, Maria Fareri Children's Hospital, Westchester Medical Center, Valhalla, NY, United States. 2. Neonatology, Maria Fareri Children's Hospital, Westchester Medical Center, Valhalla, NY, United States.

P24. ULTRASOUND DIAGNOSIS OF DISCORDANT CONGENITAL DIAPHRAGMATIC HERNIA IN TWINS IN THE DELIVERY ROOM

Sean M. Cullen¹, Ericalyn Kasdorf¹, Sara Cohen², Arzu Kovanlikaya², Brittany Roser³, Corrina Oxford-Horrey³, Cynthia Perez¹, Catherine Chang¹

1. Pediatrics, New York Presbyterian/Weill Cornell, New York, NY, United States. 2. Radiology, New York Presbyterian/Weill Cornell, New York, NY, United States. 3. Obstetrics & Gynecology, New York Presbyterian/Weill Cornell, New York, NY, United States.

P25. QT INTERVAL CORRECTION IN PEDIATRIC PATIENTS

Ibrahim Kak¹, Ihab Alamar¹, Brande Brown¹, Oksana Nulman¹, Alec McKechnie¹, Manoj Chhabra¹

1. NYP Brooklyn Methodist Hospital, Brooklyn, NY, United States.

P26. MORBIDITY AND NEURODEVELOPMENTAL OUTCOMES AT 2 YEARS CORRECTED AGE IN PRETERM INFANTS ACCORDING TO PDA STATUS AT DISCHARGE

Maria C. Fernandez Ramos^{1,2}, Jordan Kase^{1,2}, Amy Reichlin^{1,2}

1. Neonatal-Perinatal Medicine, Westchester Medical Center, Valhalla, NY, United States. 2. Maria Farreri Children's Hospital, Valhalla, NY, United States.

P27. HEART RATE VARIABILITY TO ASSESS AUTONOMIC STRESS RESPONSE DURING SIMULATED NEONATAL RESUSCITATION

Helen Hu¹, Rakesh Sahni¹, Tina Leone¹, Kathleen Brennan¹, Diana Vargas¹

1. Columbia University, New York, NY, United States.

P28. SIMULATION-BASED NEONATAL RESUSCITATION TRAINING FOR PEDIATRIC RESIDENTS AT ST. CHRISTOPHER'S HOSPITAL FOR CHILDREN

Sonal Goenka¹, Swosti Joshi¹

1. St. Christopher's Children Hospital, Philadelphia, NY, United States.

P29. THREE LIMB BLOOD PRESSURES VS. FOUR LIMB BLOOD PRESSURES MEASUREMENT IN NEONATES TO DETECT AORTIC ARCH ANOMALIES

Jenni J. Choi¹, LaShon Pitter¹, Nazeeh Hanna¹, Vikramaditya Dumpa¹

1. NYU Langone Hospital- Long Island, Mineola, NY, United States.

Saturday, March 12, 2022

3:30 pm-4:30 pm

POSTER SESSION

Poster Session 4: Neonatology Clinical Research

Moderators: Elizabeth Yen
Jayashree Ramasethu

P30. IMPLEMENTATION OF A SHARED READING CAMPAIGN IN THE NICU: A QUALITY INITIATIVE STUDY

Christian Canarte¹, Debbie Suk¹, Oksana Nulman¹

1. Pediatrics, New York Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY, United States.

P31. IMPACT OF MARIJUANA LEGALIZATION ON THE SCREENING OF EXPOSED PRETERM INFANTS: A SINGLE CENTER EXPERIENCE

Amy Blake^{1,2}, Jixi He³, Laura Madore^{1,2}

1. Neonatology, Baystate Children's Hospital, Springfield, MA, United States. 2. Pediatrics, University of Massachusetts Chan Medical School- Baystate, Springfield, MA, United States. 3. Pediatrics, Baystate Children's Hospital, Springfield, MA, United States.

P32. IMPACT OF DIFFERENT DEFINITIONS OF BRONCHOPULMONARY DYSPLASIA ON ITS INCIDENCE AND HOSPITAL OUTCOMES IN PRETERM INFANTS

Katarzyna Zembrzuska¹, Deepak Jain¹, Jazmin Garcia¹, Bethany Hunt¹, Jeffrey Suell¹

1. Pediatrics, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, United States.

P33. IS THE USE OF HUMIDITY ASSOCIATED WITH INCREASED RATES OF LATE ONSET SEPSIS IN INFANTS BORN LESS THAN 27 WEEKS?

Johnna Mahoney^{1,2}, Ursula Guillen², Deborah Tuttle², Amy Mackley², Shazia Bhat²

1. Neonatology, Thomas Jefferson University Hospital, Philadelphia, PA, United States. 2. Neonatology, ChristianaCare, Newark, DE, United States.

P34. PARENTAL STRESS AND DEPRESSION IN THE NICU: PSYCHOSOCIAL EVALUATIONS, INFANT FACTORS, AND STRESS-RELATED SALIVARY BIOMARKERS.

Jessica A. Wolfe¹, Claire Ressel¹, Jessica McGovern¹, Shilpa Saroop¹, Lewis Rubin¹

1. Medstar Georgetown University Hospital, Washington, DC, United States.

P35. ASSESSING VISION HEALTH IN CHILDREN WITH HISTORY OF PRENATAL OPIOID EXPOSURE: A SINGLE-CENTER PILOT STUDY

Cade A. Herman¹, Sylvia Yoo^{1,2}, Elizabeth Yen^{1,3}

1. Tufts University School of Medicine, Boston, MA, United States. 2. Department of Ophthalmology, Tufts Medical Center, Boston, MA, United States. 3. Department of Pediatrics, Tufts Medical Center, Boston, MA, United States.

P36. NEONATAL OUTCOMES AMONGST INFANTS BORN TO MOTHERS WITH CHORIOAMNIONITIS

Vivian Chang¹, Toshihide Kuroe¹, Tashalee McGrath-Blagrove¹, Ronique Gordon¹,

Kaninghat Prasanth¹, Ariela Valdez Holguin¹, Radhika Maddali¹, Lily Lew¹, Lourdes Cohen¹
1. Flushing Hospital Medical Center, Flushing, NY, United States.

P37. DETERMINANTS OF LENGTH OF STAY FOR LATE PRETERM INFANTS

Raj K. Jayanthan^{2,1}, Jane Cerise¹, Barry Weinberger^{2,1}

1. Northwell Health, New Hyde Park, NY, United States. 2. Neonatology, Cohen Children's Medical Center, New Hyde Park, NY, United States.

P38. NOWS- NEONATAL OPIOID WITHDRAW SYNDROME: A MULTIDISCIPLINARY APPROACH TO CARE

Maryann Malloy¹, Agnes Salvador¹

1. Neonatology, Einstein Medical Center Philadelphia, Philadelphia, PA, United States.

P39. STANDARDIZING PLATELET TRANSFUSIONS IN THE NEONATAL PERIOD: A PERFORMANCE IMPROVEMENT STUDY

Johnna Mahoney^{1,2}, Andrew Ellefson², David Paul²

1. Neonatology, Thomas Jefferson University Hospital, Philadelphia, PA, United States. 2. Neonatology, ChristianaCare, Newark, DE, United States.

Saturday, March 12, 2022

3:30 pm-4:30 pm

POSTER SESSION

Poster Session 5: Basic and Translational Research

Moderators: Gloria Pryhuber
Shaon Sengupta

P40. THE EFFECT OF IFNA ON CODANIN-1 MUTATED HUDEP2 CELLS

Emily Leshen¹, Zachary Murphy¹, Michael Getman¹, Laurie Steiner¹

1. *University of Rochester, Rochester, NY, United States.*

P41. CHRONICLING THE DEVELOPMENT OF THE NEONATAL GUT MICROBIOME: A PILOT STUDY

Shubham Bakshi¹, Jill Maron¹, Rachana Singh¹, George Winestock², Dong-binh Tran²

1. *Tufts Children's Hospital, Boston, MA, United States.* 2. *The Jackson Lab, Farmington, CT, United States.*

P42. PULMONARY CYTOKINE EXPRESSION INDUCED BY MILD CHORIOAMNIONITIS

Dana Neumann¹, Marjorie Postell¹, Anne Heseck¹, Paul Fawcett¹, Deepthi Alapati¹

1. *Nemours Children's Hospital, Wilmington, DE, United States.*

P43. DISRUPTION OF THE SP-R210L ISOFORM OF THE SURFACTANT PROTEIN A RECEPTOR IN MACROPHAGES DELAYS CHORIOAMNIONITIS-INDUCED PREMATURE DELIVERY IN MICE

Brandon Worth^{5, 3}, Jennifer Booth⁴, Todd Umstead⁵, Kim Doheny^{3, 2}, Zissis Chronetos^{5, 1, 6}
1. *Neonatal-Perinatal Medicine, Penn State Children's Hospital, Hershey, PA, United States.* 2. *Neural and Behavioral Sciences, Penn State College of Medicine, Hershey, PA, United States.* 3. *Penn State College of Medicine, Hershey, PA, United States.* 4. *Comparative Medicine, Penn State University College of Medicine, Hershey, PA, United States.* 5. *Neonatal-Perinatal Medicine, Pulmonary Immunology and Physiology Laboratory, Penn State College of Medicine, Hershey, PA, United States.* 6. *Microbiology and Immunology, Penn State College of Medicine, Hershey, PA, United States.*

P44. ARE TENSIN 1 GENETIC VARIANTS ASSOCIATED WITH BPD IN ELBW INFANTS?

Sanjana Arsha³, Van Trinh¹, Lance Parton^{2, 1}

1. *New York Medical College, Valhalla, NY, United States.* 2. *Div Newborn Medicine/Pediatrics, MFCH at WMC, Valhalla, NY, United States.* 3. *School of Medicine, New York Medical College, Valhalla, NY, United States.*

P45. CHOLINE SUPPLEMENTATION IN A RAT MODEL OF HYPOXIC ISCHEMIC ENCEPHALOPATHY: HISTOLOGICAL AND FUNCTIONAL OUTCOMES

Tayo Adeyemo¹, Jaylyn Waddell¹

1. *Neonatology, University of Maryland School of Medicine, Baltimore, MD, United States.*

P46. ROLE OF DD-CFDNA IN DETECTION OF SUBCLINICAL REJECTION IN PEDIATRIC KIDNEY TRANSPLANT RECIPIENTS

Rhys Mendel², Xiaoyan Wu¹

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1. Pediatrics, University at Buffalo, Buffalo, NY, United States. 2. University at Buffalo, Buffalo, NY, United States.

Saturday, March 12, 2022

3:30 pm-4:30 pm

POSTER SESSION

Poster Session 6: Adolescent/Development/Endocrine/HemeOnc/ER

Moderators: Sharon Smith

P47. ADAPTING AN IN-PERSON ADOLESCENT DIABETES PREVENTION PROGRAM TO A VIRTUAL PLATFORM

Sumaiya Islam², Cordelia R. Elaiho¹, Guedy Arniella³, Sheydgi Rivera⁴, Nita Vangeepuram¹
1. Department of General Pediatrics, Icahn School of Medicine at Mount Sinai, New York, NY, United States. 2. Sophie Davis Biomedical Education Program, CUNY School of Medicine, New York, NY, United States. 3. Institute for Family Health, New York, NY, United States. 4. TEEN HEED Community Action Board, Icahn School of Medicine at Mount Sinai, New York, NY, United States.

P48. IMPACT OF SLEEP HYGIENE INTERVENTION IN PATIENTS WITH ADHD AND SLEEP DISORDERS

Maria Luisa Beltran-Quintero^{2,1}, Leela Rangachar¹, Janine Adjo^{2,1}, David Rubin^{2,1}
1. CUNY School of Medicine, New York, NY, United States. 2. Pediatrics, St Barnabas Hospital, Bronx, NY, United States.

P49. DUFFY NEGATIVE PHENOTYPE AND ELEVATED ABSOLUTE NEUTROPHIL COUNT IN PEDIATRIC SICKLE CELL POPULATION

Kokila Jeyamurugan², Min-Kyung Jung¹, Kusum Viswanathan², Fernanda Kupferman², Mario Peichev²
1. New York Institute of Technology, Manhattan, NY, United States. 2. Pediatrics, Brookdale University Hospital Medical Center, Brooklyn, NY, United States.

P50. POOR COMPLIANCE TO CDC'S STI TREATMENT GUIDELINES 2020 AMONG ADOLESCENTS IN THE PEDIATRIC EMERGENCY DEPARTMENT

Marc G. Berenson¹, Robert J. Adrian¹, Daniel Pleskowicz¹, Brianna Mendiola¹, Megana Hedni¹, James Liebow¹, Kei U. Wong¹
1. Department of Emergency Medicine, Rutgers NJMS, Newark, NJ, United States.

P51. RECEPTIVITY OF UNDERSERVED ADOLESCENTS TO AN EMERGENCY DEPARTMENT PHYSICAL ACTIVITY INTERVENTION

Parth Patel¹, Ruchika Mohla Jones^{2,3}, Mary-Kate Nowobilski², Danielle Chenard², Sharon Smith^{2,3}
1. University of Connecticut, Storrs, CT, United States. 2. Emergency Medicine, Connecticut Children's Medical Center, Hartford, CT, United States. 3. Pediatrics, University of Connecticut School of Medicine, Farmington, CT, United States.

P52. A NOVEL METHOD FOR HEREDITARY HEMOLYTIC ANEMIA- CASE SERIES AND LITERATURE REVIEW

Wendy De La Rua¹, Christian M. Bruni¹, Rafat Ahmed¹, Maria Scarano¹, Michael Hardiman¹
1. The Children's Regional Hospital at Cooper, Camden, NJ, United States.

P53. LIPID PROFILE IN CHILDREN WITH SICKLE CELL DISEASE IN TWO URBAN COMMUNITY HOSPITALS

Saikat Goswami¹, Kalliopi Konstantinopoulou¹, Tashalee McGrath-Blagrove¹, Priya Mallikarjuna¹, Vivian Chang¹, Lily Lew¹, Won H. Baik-Han¹, Partha Chatterjee¹
1. Flushing Hospital Medical Center, Flushing, NY, United States.

P54. ORCHIECTOMY RATES BETWEEN TYPICAL AND ATYPICAL PRESENTATIONS OF TESTICULAR TORSION

Joseph B. Gallagher^{1,2}, Sharon Smith²
1. UConn Pediatric Residency Program, Farmington, CT, United States. 2. Connecticut Children's, Hartford, CT, United States.

P55. ATTITUDES AND EXPERIENCES OF PARENTS OF CHILDREN WITH BEHAVIORAL HEALTH CONCERNS IN THE SCHOOLS

Emily R. Kilian^{1,2}, Steven Rogers^{2,3}, Danielle Chenard², Meghan Clough², Melissa Santos^{2,3}, Kevin Borrup^{2,3}
1. Molecular and Cellular Biology, University of Connecticut, Storrs, CT, United States. 2. Connecticut Children's, Hartford, CT, United States. 3. Pediatrics, University of Connecticut School of Medicine, Farmington, CT, United States.

P56. ONE-ON-ONE TRAINING IMPROVES PEDIATRIC EMERGENCY DEPARTMENT PROVIDER USABILITY AND SATISFACTION WITH THE ELECTRONIC HEALTH RECORD

Owen Kahn^{1,2}, Andrew Heggland^{1,2}
1. Emergency Department, Connecticut Children's, Hartford, CT, United States. 2. University of Connecticut School of Medicine, Farmington, CT, CT, United States.

Saturday, March 12, 2022

4:30 pm-5:30 pm POSTER SESSION

Poster Session 7: AFMR Posters

Moderators: Joshua De Leon
Sakina Ouedraogo Tall

P57. CORRELATION OF ASTHMA KNOWLEDGE OF CAREGIVERS AND ASTHMA CONTROL

Carlos Sermeno¹, Alyson Smith¹, David Rubin¹, Janine Adjo¹
1. Pediatrics, St. Barnabas Hospital, Bronx, NY, United States.

P58. COVID MYOCARDITIS, A POST-COVID SYNDROME

Balaji Prasad Ellappan Mohanakrishnan¹, Katherine Holder², Benjamin Daines², Rani Ratheesh³, James whit Walker¹
1. Internal Medicine, Texas Tech University Health sciences, Amarillo, TX, United States. 2. School of Medicine, Texas Tech University Health Sciences, Amarillo, TX, United States. 3. Dr. TN MGR Medical university, Chennai, TN, India.

P59. BRENTUXIMAB VEDOTIN FOR T-CELL LYMPHOMA: A CASE OF ALK-NEGATIVE ANAPLASTIC LARGE CELL LYMPHOMA (ALCL)

Vikram Sumbly¹, Ian Landry¹, Vicent Rizzo¹
1. Icahn School of Medicine at Mount Sinai | NYCHHC Queens, Jamaica, NY, United States.

P60. CLINICAL EVIDENCE TOWARDS HYPERTENSIVE PATHOGENESIS OF POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME (PRES) IN THE SETTING OF SPINAL FUSION.

Matt Porter¹, Miguel Schmitz^{1,2}
1. Orthopaedics, Elson S. Floyd College of Medicine, Spokane, WA, United States. 2. Alpine Orthopaedics & Spine P.C., Spokane, WA, United States.

P61. CLASSICAL PRESENTATION FOR THE ATYPICAL NATURE OF SPINAL EPIDURAL ABSCESS

Balaji Prasad Ellappan Mohanakrishnan¹, Mon Nandar¹, Saria Tasnim¹, Rani Ratheesh², Tarek Naguib¹
1. Internal Medicine, Texas Tech University Health Sciences, Amarillo, TX, United States. 2. Dr. MGR Medical University, Chennai, TN, India.

P62. COMBINED OXIDATIVE PHOSPHORYLATION DEFICIENCY 5: A RARE DISEASE CASE REPORT

Josh J. Daniel¹, Kristin Levandoski², Debra-Lynn Day-Salvatore²
1. Pediatrics, Saint Peter's University Hospital, New Brunswick, NJ, United States. 2. Department of Medical Genetics, Saint Peter's University Hospital, New Brunswick, NJ, United States.

P63. A CRITICAL CASE OF ZINC DEFICIENCY AND ASSOCIATED SEPSIS

Aarani Kandeepan¹, Melissa Schafer²

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1. *Pediatric ICU, University of Maryland Medical Center, Baltimore, MD, United States.* 2. *Pediatrics, SUNY Upstate, Syracuse, NY, United States.*

P64. UNIQUE CASE OF VALVE MIGRATION POST TRANSCATHETER AORTIC VALVE IMPLANTATION.

Vineeta Maddali¹, Bijal Dave², Darshan Godkar²

1. *Rutgers Robert Wood Johnson Medical School, Piscataway, NJ, United States.* 2. *St. Barnabas Medical Center, Livingston, NJ, United States.*

P65. IRON DEFICIENCY ANEMIA AS INITIAL PRESENTATION OF METASTATIC PLEOMORPHIC SMALL BOWEL SARCOMA

sandhya kolagatla¹, joseph Elsoueidi³, Nazneen Ahmed⁴, shweta chaudhary⁵, Nagabhishek Moka²

1. *Appalachian Regional Healthcare, Whitesburg, KY, United States.* 2. *Appalachian Regional Healthcare, Hazard, KY, United States.* 3. *University of Kentucky, Lexington, KY, United States.* 4. *Appalachian Regional Healthcare, Harlan, KY, United States.* 5. *Appalachian Regional Healthcare, Hazard, KY, United States.*

P66. AN INTERESTING CASE OF ACUTE TUBULAR NECROSIS (ATN) DEVELOPING WITHIN 8 HOURS OF ADMINISTRATION OF 2 DOSES OF 15MG/KG VANCOMYCIN

harshil fichadiya¹, Gaurav Mohan¹, Nitish Sardana², Michael Finlan², Poorva Bhide¹, Arundhati Chandini¹, Doantrang Du¹

1. *long branch, monmouth medical center, Long branch, NJ, United States.* 2. *rutgers robert wood medical school, New Brunswick, NJ, United States.*

Saturday, March 12, 2022

4:30 pm-5:30 pm

POSTER SESSION

Poster Session 8: COVID and Its Impact in Pediatrics

Moderators: Mohammad Zia

P67. INFANTS WITH HYPERBILIRUBINEMIA PRESENTING TO THE EMERGENCY DEPARTMENT IN THE COVID-19 ERA

Margarita Lorch¹, Tara Beck², Collin Miller¹

1. Pediatric Emergency Department, Nemours Hospital for Children, Wilmington, DE, United States. 2. Pediatric Residency Program, Nemours Hospital for Children, Wilmington, DE, United States.

P68. EYE DROP INSTILLATION BY PARENTS AT HOME TO FACILITATE OUTPATIENT EYE EXAMINATION FOR RETINOPATHY OF PREMATURITY

Jennifer Pak¹, Kabir Abubakar¹

1. Neonatal-Perinatal, Georgetown University School of Medicine, Washington, DC, United States.

P69. KNOWLEDGE, ATTITUDES AND PRACTICES OF COVID-19 VACCINE AMONGST PEDIATRIC RESIDENTS IN NYC

Priya Mallikarjuna¹, Jeremy V. Jovellanos¹, Saikat Goswami¹, Lily Lew¹, Won H. Baik-Han¹

1. Pediatrics, Flushing Hospital Medical Center, Flushing, NY, United States.

P70. COMPARISON OF THE TREATMENT OF SICKLE CELL VASO-OCCLUSIVE CRISIS PRIOR TO AND DURING COVID 19 PANDEMIC

Shaheen Andreas^{1,2}, Eric Hoppa^{1,2}

1. University of Connecticut, Farmington, CT, United States. 2. Emergency Department, Connecticut Children's, Hartford, CT, United States.

P71. PARENTAL PERCEPTION OF COVID-19 VACCINATION IN CHILDREN UNDER 18 YEARS.

Chinonso Asinugo^{1,2}, Sharan Mirchandani¹, Deseree Irving², David Rubin¹, Janine Adjo¹, Ilana Stein¹

1. Pediatrics, St Barnabas Hospital, Bronx, NY, United States. 2. City College of New York (CUNY) School of Medicine, Harlem, NY, United States.

P72. EMERGENCY DEPARTMENT UTILIZATION FOR MENTAL HEALTH DURING THE COVID-19 PANDEMIC

Rajesh Sood¹, Michael Sheridan¹, Frederick Place¹, Vivian Hwang¹

1. Inova Children's Hospital, Falls Church, VA, United States.

P73. THE IMPACT OF THE COVID-19 PANDEMIC ON ACUTE APPENDICITIS PRESENTATION IN TWO URBAN MULTIETHNIC COMMUNITY HOSPITALS

Priya Mallikarjuna¹, Saikat Goswami¹, Radhika Maddali¹, Sandy Ma¹, Won H. Baik-Han¹, Kelly Cervellione², Lily Lew¹, Gagan Gulati¹

1. Pediatrics, Flushing Hospital Medical Center, Flushing, NY, United States. 2. Clinical

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Research, Medisys Health Network, Jamaica Hospital Medical Center, Jamaica, NY, United States.

P74. PHYSICIAN PERSPECTIVES ON CONFIDENTIALITY DURING TELEMEDICINE SESSIONS WITH ADOLESCENT PATIENTS DURING THE COVID-19 PANDEMIC

Jessica L. Feuerstein³, Jennifer L. Northridge^{1, 2}

1. Assistant Professor of Pediatrics, Hackensack Meridian School of Medicine, Hackensack, NJ, United States. 2. Section Chief of Adolescent Medicine, Joseph M. Sanzari Children's Hospital Hackensack University Medical Center, Hackensack, NJ, United States. 3. Pediatrics, Joseph M. Sanzari Children's Hospital Hackensack University Medical Center, Hackensack, NJ, United States.

P75. THE IMPACT OF ASTHMA AND ATOPY ON COVID-19 DISEASE SEVERITY IN CHILDREN AND ADOLESCENTS

Emily Robbins¹, Seleshi Demissie¹, Steven Daoud¹, Pushpom James¹

1. Pediatrics, Staten Island University Hospital North, Staten Island, NY, United States.

P76. INTRACRANIAL COMPLICATIONS OF STREPTOCOCCUS INTERMEDIUS DURING COVID-19 PANDEMIC

Monica Janine Lee¹, Chantal Soobhanath¹, Kaveh Asadi-Moghaddam², Amelia Thompson³, Jennifer Armstrong³, Fatma Levent³

1. Pediatrics, AdventHealth Medical Group, Orlando, FL, United States. 2. Pediatric Neurosurgery, AdventHealth Medical Group, Orlando, FL, United States. 3. Pediatric Infectious Disease, AdventHealth Medical Group, Orlando, FL, United States.

Saturday, March 12, 2022

4:30 pm-5:30 pm POSTER SESSION

Poster Session 9: Diversity, Equity & Inclusion

Moderators: Rubia Khalak
Rehman Chowdhry

P77. RACIAL DISPARITIES IN BREASTFEEDING RATES FOR PRETERM INFANTS: OPPORTUNITIES FOR CHANGE IN AN ONGOING MOTHER'S OWN MILK QUALITY IMPROVEMENT PROJECT

Ty Meka¹, Kate Tauber²

1. Albany Medical College, Albany, NY, United States. 2. Albany Medical Center, Albany, NY, United States.

P78. FOUNDATION AND DECISION-MAKING FRAMEWORK FOR UNDERSTANDING AND COMBATING IMPLICIT BIAS IN PEDIATRICS

Yaritzky M. Astudillo¹, Chrisia Noulas¹

1. Pediatrics, New York Medical College, Valhalla, NY, United States.

P79. NEEDS ASSESSMENT FOR A PEDIATRIC RESIDENCY DIVERSITY, EQUITY, AND INCLUSION CURRICULUM

Hayley Goldner¹, Zoe King², Brittany Foster¹, Margarita Lorch¹

1. Pediatrics, Nemours Children's Health, Wilmington, DE, United States. 2. Oncology/BMT, Children's Hospital of Philadelphia, Philadelphia, PA, United States.

P80. PERCEPTIONS OF PEDIATRIC AND MEDICINE-PEDIATRIC RESIDENTS ABOUT DIVERSITY AND INCLUSION IN THEIR PROGRAMS

Julian Remouns¹, Sara Haque¹, Mario Felix¹, Monique Abrams¹, Angela Antonikowski¹, Rubia Khalak¹

1. Albany Medical College, Albany, NY, United States.

P81. PERSPECTIVES FROM DIVERSE STAKEHOLDERS IN A YOUTH COMMUNITY-BASED PARTICIPATORY RESEARCH STUDY

Olutobi Oridota¹, Anuradha Shetty², Cordelia R. Elaiho³, LaTanya Phelps⁴, Stephen Cheng^{5, 6}, Nita Vangeepuram³

1. Sophie Davis Biomedical Education Program, CUNY School of Medicine, New York, NY, United States. 2. College of Medicine, SUNY Downstate Medical Center, Brooklyn, NY, United States. 3. Department of General Pediatrics, Icahn School of Medicine at Mount Sinai, New York, NY, United States. 4. TEEN HEED Community Action Board, Icahn School of Medicine at Mount Sinai, New York, NY, United States. 5. University of New England College of Osteopathic Medicine, Biddeford, ME, United States. 6. TEEN HEED Intern, Icahn School of Medicine at Mount Sinai, New York, NY, United States.

P82. VARIATION IN MODIFIED FINNEGAN SCORING OF NEONATAL OPIOID WITHDRAWAL SYNDROME IN THE NEONATAL INTENSIVE CARE UNIT

Katherine Nyman¹, Francesca Okolie¹, Erin Hager², Dina El Metwally¹

1. Neonatology, University of Maryland Medical Center, Baltimore, MD, United States. 2. Pediatrics, University of Maryland School of Medicine, Baltimore, MD, United States.

P83. TIME OF FIRST MILK EXPRESSION AMONG ENGLISH- AND NON-ENGLISH-SPEAKING MOTHERS WITH NEONATAL INTENSIVE CARE UNIT INFANTS: A QUALITY IMPROVEMENT STUDY

Kavya Sundar¹, Amy E. Ng¹, Lori Feldman-Winter^{2,3}, Krystal Hunter¹, Alla Kushnir^{2,3}

1. Cooper Medical School of Rowan University, Camden, NJ, United States. 2. Pediatrics, Cooper Medical School of Rowan University, Camden, NJ, United States. 3. Children's Regional Hospital at Cooper, Camden, NJ, United States.

P84. DOES DEGREE AND TYPE OF ADVERSE LIFE EVENTS IMPACT BIRTH OUTCOMES?

Kriti Damodaran¹, Heather Brumberg¹, Nilima V. Jawale¹, Clare Giblin¹, Brigitte Burcescu², Savannah Kumar², Tiffany Dial², Shetal Shah¹

1. Neonatology, Regional Neonatal ICU at Maria Fareri Children's Hospital, Westchester Medical Center, Valhalla, NY, United States. 2. New York Medical College, Valhalla, NY, United States.

P85. GENDER DIVERSITY AMONG EDITORIAL BOARDS OF NEONATAL, PERINATAL, PEDIATRIC, AND MATERNAL-FETAL MEDICINE JOURNALS

Seema Sakaria¹, Alla Kushnir²

1. Rowan University School of Osteopathic Medicine, Stratford, NJ, United States. 2. Cooper University Health Care, Camden, NJ, United States.

P86. DO BIRTH OUTCOMES OF PARENTS WITH DISCORDANT VS. CONCORDANT SELF-REPORTED RACE/ETHNICITY DIFFER WHEN ACCOUNTING FOR SOCIAL DETERMINANTS OF HEALTH?

Nilima V. Jawale¹, Shetal Shah¹, Kriti Damodaran¹, Clare Giblin¹, Brigitte Burcescu², Savannah Kumar², Tiffany Dial², Heather L. Brumberg¹

1. Neonatology, Regional Neonatal ICU at Maria Fareri Children's Hospital at Westchester Medical Center, Valhalla, NY, United States. 2. New York Medical College, Valhalla, NY, United States.

Saturday, March 12, 2022

4:30 pm-5:30 pm

POSTER SESSION

Poster Session 10: Academics and Trainee Wellbeing

Moderators: Liana Senaldi

P87. ASSESSING COMFORT AND CONFIDENCE IN RECOGNITION, DIAGNOSIS AND MANAGEMENT OF ABNORMAL PEDIATRIC VITAL SIGNS AMONG PEDIATRIC RESIDENTS

Shanel Mehta¹, Aliza Grabie¹, Sonia Solomon², Karen Brandstaedter³

1. *Pediatrics, Westchester Medical Center, Valhalla, NY, United States.* 2. *Pediatric Nephrology, Westchester Medical Center, Valhalla, NY, United States.* 3. *Pediatric Hospitalist, Westchester Medical Center, Valhalla, NY, United States.*

P88. THE EFFECTS OF A DESIGNATED NOTE WRITING HOUR ON PEDIATRIC INTERN NOTE WRITING TIMES AND DUTY HOURS

William Adamiak¹, Alla Kushnir¹

1. *Cooper Medical School of Rowan University, Camden, NJ, United States.*

P89. PASSING THE PEDIATRIC BOARD EXAM

Miguel G. Sanchez Acosta^{1,2}, Janine Adjo^{1,2}, David Rubin^{1,2}

1. *Pediatrics, SBH Health System, Bronx, NY, United States.* 2. *CUNY School of medicine, New York, NY, United States.*

P90. EFFICACY OF AN EVIDENCE-BASED MINDFULNESS CURRICULUM FOR PEDIATRICS AND PASTORAL CARE RESIDENTS IN PREVENTING BURNOUT

Nitin Ron¹, Keziah Edmunds¹, Brande Brown¹, William Briggs², Oksana Nulman¹

1. *Pediatrics, New York Presbyterian Brooklyn Methodist Hospital, Brooklyn, NY, United States.* 2. *Emergency Medicine, NYP Brooklyn Methodist Hospital, Brooklyn, NY, United States.*

P91. QUALITY IMPROVEMENT INITIATIVE TO IMPROVE DELIVERY ROOM PREPAREDNESS TO OPTIMIZE PATIENT CARE: A JUST IN TIME EDUCATION AND CHECKLIST FOR PEDIATRIC RESIDENTS

Stephanie Abuso¹, Amrita Nayak¹

1. *Pediatrics, NYU Langone Long Island Hospital, Mineola, NY, United States.*

P92. INTRODUCING AN EVIDENCE-BASED MINDFULNESS CURRICULUM IN A PEDIATRIC RESIDENCY PROGRAM – LESSONS FROM A PILOT STUDY

Nitin Ron¹, Keziah Edmunds¹, Brande Brown¹, William Briggs², Oksana Nulman¹

1. *Pediatrics, NYP Brooklyn Methodist Hospital, Brooklyn, NY, United States.* 2. *Emergency Medicine, NYP Brooklyn Methodist Hospital, Brooklyn, NY, United States.*

P93. DEVELOPMENT AND IMPLEMENTATION OF A COMPREHENSIVE RESIDENT EDUCATION CURRICULUM IN NEONATAL/PERINATAL MEDICINE

Margaret A. Gilfillan^{1,2}, Sonal Goenka^{1,2}, Michael Szatkowski^{1,2}, Yanick Vibert^{1,2,3}

1. *Pediatrics, Neonatology, St Christopher's Hospital for Children, Philadelphia, PA, United States.* 2. *Pediatrics, Drexel University College of Medicine, Philadelphia, PA, United States.* 3.

Dornsife School of Public Health, Drexel University College of Medicine, Philadelphia, PA, United States.

P94. IMPROVING PEDIATRIC RESIDENT SATISFACTION OF NICU ORIENTATION AND EDUCATION

Sasha Amiri¹, Gretell Gomez¹, Deepali Handa²

1. Pediatrics, University at Buffalo, Buffalo, NY, United States. 2. Neonatal-Perinatal Medicine, University at Buffalo, Buffalo, NY, United States.

P95. ASSESSING PEDIATRIC RESIDENTS' KNOWLEDGE AND COMFORT LEVEL SURROUNDING THE LEGAL SYSTEM

Akua Bediako¹, Aneeqa Babar¹, Dana M. Kaplan¹

1. Pediatrics, Staten Island University Hospital, Staten Island, NY, United States.

P96. THE POWER OF BREATH - HISTORICAL ASPECTS OF PRANAYAM AND ITS RELEVANCE TO MODERN OBSTETRICS AND PEDIATRICS

Keziah Edmunds¹, Venkata Raju², Lea Mallett³, Nitin Ron¹

1. Pediatrics, NYP Brooklyn Methodist Hospital, Brooklyn, NY, United States. 2. Pediatrics, Baylor Scott White McLane Children's Medical Center, Temple, TX, United States. 3. Regional Scientific Medical Director, Merck, Kenilworth, NJ, United States.

Saturday, March 12, 2022

4:30 pm-5:30 pm

POSTER SESSION

Poster Session 11: Neonatal Neurology

Moderators: Onome Oghifobibi
Vasantha Kumar

P97. MATERNAL AND NEONATAL RISK STRATIFICATION FOR DEVELOPMENT OF NEONATAL LENTICULAR STRIATE VASCULOPATHY RUSSELL HIMMELSTEIN, MD, SHANTHY SRIDHAR, MD. DIVISION OF NEONATOLOGY, DEPARTMENT OF PEDIATRICS AT STONY BROOK CHILDREN'S HOSPITAL RENAISSANCE SCHO

Russell D. Himmelstein¹, Shanthi Sridhar¹

1. Stony Brook Children's Hospital, Stony Brook, NY, United States.

P98. A PROSPECTIVE, OBSERVATIONAL PILOT STUDY TO EVALUATE ELECTRICAL ACTIVITY OF THE DIAPHRAGM (EDI) IN NEWBORNS WITH HYPOXIC-ISCHEMIC ENCEPHALOPATHY.

Samantha Arevalo-Marcano¹, Pradeep N. Mally¹, Elena V. Wachtel¹

1. Pediatrics - Neonatal and Perinatal Medicine, NYU Langone Health Center, New York, NY, United States.

P99. CORRELATION BETWEEN ELECTROENCEPHALOGRAM AND CLINICAL ASSESSMENT OF NEONATAL SEIZURES IN FULL TERM NEONATES

Nikhil Bhana¹, Savina Reid¹, Avish Patel¹, Lori Feldman-Winter³, Krystal Hunter³, Alla Kushnir²

1. Cooper Medical School of Rowan University, Camden, NJ, United States. 2. Neonatology, Cooper University Hospital, Camden, NJ, United States. 3. Cooper University Hospital, Camden, NJ, United States.

P100. A RETROSPECTIVE PILOT STUDY OF THE RELATIONSHIP BETWEEN TOTAL SERUM BILIRUBIN, BRAIN MRI LESIONS AND EARLY INTERVENTIONS SERVICES IN NEONATES WITH HYPOXIC-ISCHEMIC ENCEPHALOPATHY

Lale Akaydin¹, Jennifer Pynn¹, Echezona Maduekwe¹

1. Pediatrics, Stony Brook University Hospital, Stony Brook, NY, United States.

P101. IMPACT OF ELECTROENCEPHALOGRAM VS. CLINICAL DIAGNOSIS ON MEDICATION MANAGEMENT OF PREMATURE NEONATAL SEIZURES

Avish Patel¹, Nikhil Bhana¹, Savina Reid¹, Krystal Hunter², Alla Kushnir^{2,1}

1. Cooper Medical School of Rowan University, Camden, NJ, United States. 2. Cooper University Hospital, Camden, NJ, United States.

P102. NEURODEVELOPMENTAL OUTCOMES IN PREMATURE NEONATES DIAGNOSED WITH SEIZURES CLINICALLY VS. USING ELECTROENCEPHALOGRAM

Savina Reid-Herrera¹, Nikhil Bhana¹, Avish Patel¹, Krystal Hunter^{3,1}, Alla Kushnir^{2,1}

1. Cooper Medical School of Rowan University, Camden, NJ, United States. 2. Pediatrics, Cooper University Hospital, Camden, NJ, United States. 3. Cooper Research Institute, Camden, NJ, United States.

P103. EFFECTS OF MORPHINE IN INFANTS UNDERGOING CENTRAL LINE PLACEMENT IN THE NEONATAL INTENSIVE CARE UNIT

Maria Battaglia¹, Ignacio Contreras¹, Lyndsey Garbi¹, Vitaliya Boyar¹

1. Cohen Children's Medical Center, Queens, NY, United States.

P104. IDENTIFYING FACTORS TO OPTIMIZE THE REDUCTION IN THE RISK OF INTRAVENTRICULAR HEMORRHAGE IN EXTREME LOW BIRTH PRETERM INFANTS

Rita Hazboun¹, Charanya Uppalapati², Yasmin John², Miheret Yitayew¹, Nayef Chahin¹, Lisa Shaver¹, Jie Xu¹, Leroy Thacker², Karen D. Hendricks-Munoz^{1,2}

1. Children's Hospital of Richmond at VCU, Richmond, VA, United States. 2. Virginia Commonwealth University, Richmond, VA, United States.

P105. ASSESSING OPPORTUNITIES TO IMPROVE SEDATION/ANALGESIA USE IN NEONATAL PATIENTS ON EXTRACORPOREAL MEMBRANE OXYGENATION

Rita Hazboun¹, Vanessa Khan², Prattyak Mukhopadhyay², Nayef Chahin¹, Miheret Yitayew¹, Jie Xu¹, John Miller¹, Christos Calaritis¹, Leroy Thacker², Moores Jr. Russell¹, Karen D. Hendricks-Munoz^{1,2}

1. Children's Hospital of Richmond at VCU, Richmond, VA, United States. 2. Virginia Commonwealth University, Richmond, VA, United States.

P106. IMPACT OF PERINATAL FACTORS AND GOLDEN HOUR OF CARE BUNDLE ON THE DEGREE OF INTRAVENTRICULAR HEMORRHAGE IN VERY LOW BIRTH WEIGHT INFANTS

Rebecca Polchinski¹, Shanthi Sridhar¹, Hector Alcalá¹, Aruna Parekh¹

1. Pediatrics, Stony Brook Children's Hospital, Stony Brook, NY, United States.

Saturday, March 12, 2022

4:30 pm-5:30 pm

POSTER SESSION

Poster Session 12: Neonatology: Feeding and Nutrition

Moderators: Munmun Rawat
Ed Hurley

P107. CLINICAL TRIAL OF COMBINATION PROBIOTICS SUPPLEMENTATION IN PRETERM VERY LOW BIRTH WEIGHT INFANTS: CLINICAL, INTESTINAL HEALTH, IMMUNE FUNCTION, AND METABOLOMIC OUTCOMES

Michael Pippa¹, Elizabeth Reznikov², Jennifer Pak¹, Raymond Riley¹, Pinaki Panigrahi¹, Lewis Rubin¹

1. Neonatology, Georgetown University Medical Center, Washington, DC, United States. 2. Pediatrics, Georgetown University Medical Center, Washington, DC, United States.

P108. THE IMPACT OF ANTENATAL MAGNESIUM SULFATE ON THE INITIATION OF ENTERAL FEEDS IN LATE PRETERM AND TERM INFANTS OF MOTHERS WITH PREECLAMPSIA

Sarah R. Mardanlou¹, Jennifer Pynn¹, Joseph Decristofaro¹, Echezona Maduekwe¹

1. Neonatal-Perinatal Medicine, Stony Brook Children's Hospital, Stony Brook, NY, United States.

P109. TRENDS IN THE USE OF DIAZOXIDE BEFORE AND AFTER THE INTRODUCTION OF ORAL DEXTROSE GEL FOR TREATMENT OF NEONATAL HYPOGLYCEMIA

Elizabeth Mancuso¹, Mausma Bawa¹, Lucy Mastrandrea¹, Munmun Rawat¹, Praveen Chandrasekharan¹

1. Pediatrics, Oishei Children's Hospital, Buffalo, NY, United States.

P110. EXCLUSIVE HUMAN MILK DIET AT NEONATAL INTENSIVE CARE UNIT DISCHARGE SUPPORTS GROWTH AND LONG-TERM DEVELOPMENT IN VERY PRETERM INFANTS

Wenona Lok¹, Jordan Kase^{1,2}

1. Maria Fareri Children's Hospital at Westchester Medical Center, Valhalla, NY, United States.

2. New York Medical College, Valhalla, NY, United States.

P111. UNANTICIPATED BARRIERS TO MOTHER'S MILK USE AT DISCHARGE IN THE VERY LOW BIRTH WEIGHT INFANT

Nayef Chahin¹, Lisa Shaver¹, Jie Xu², Rita Hazboun¹, Karen D. Hendricks-Munoz¹

1. Neonatology, Children's Hospital of Richmond at VCU, Richmond, VA, United States. 2.

Virginia Commonwealth University School of Medicine, Richmond, VA, United States.

P112. FACTORS ASSOCIATED WITH BREASTFEEDING AMONG MOTHERS BEING TREATED WITH OPIATES

Briann Skiba¹, Alexander Feldman^{2,1}

1. Pediatrics, Community Medical Center, Toms River, NJ, United States. 2. Pediatrics, Robert

Wood Johnson Medical School, New Brunswick, NJ, United States.

P113. EFFECT OF PROBIOTIC USE ON ABDOMINAL RADIOGRAPH FREQUENCY IN THE NEONATAL INTENSIVE CARE UNIT

Stephanie Morales¹, Rosemary Lu³, Courtney Briggs-Steinberg², Jonathan Blau²

1. *Pediatrics, Northwell- Staten Island University Hospital, Staten Island, NY, United States.* 2. *Division of Neonatology, Department of Pediatrics, Staten Island University Hospital, Northwell Health, Staten Island, NY, United States.* 3. *Touro College of Osteopathic Medicine, NY, NY, United States.*

P114. IMPACT OF EARLY FLUID AND ELECTROLYTE MANAGEMENT ON NEONATAL OUTCOMES

Tara Beck¹, Kelley Z. Kovatis², Deborah Tuttle², Keshab Subedi³

1. *Pediatrics, Thomas Jefferson University Nemours Dupont, Philadelphia, PA, United States.* 2. *Neonatology, Christiana Care Health System, Newark, DE, United States.* 3. *Institutional Development Award from the National Institute of General Medical Sciences, Newark, DE, United States.*

P115. INCIDENCE OF HYPOGLYCEMIA IN AT-RISK NEWBORNS AND IMPROVING ADHERENCE TO NEONATAL HYPOGLYCEMIA MANAGEMENT GUIDELINE

Ying Ge "Inga" Wang¹, Melissa Micallef², Vineet Bhandari², Alla Kushnir^{2, 1}

1. *Cooper Medical School of Rowan University, Camden, NJ, United States.* 2. *Cooper University Hospital, Camden, NJ, United States.*

P116. NECROTIZING ENTEROCOLITIS IN TWIN PREGNANCIES

Ibrahim Kak¹, Yasmin Reyes¹, Francesca Le¹, Oksana Nulman¹, Abhinav Parikh¹

1. *NYP Brooklyn Methodist Hospital, Brooklyn, NY, United States.*

Saturday, March 12, 2022

4:30 pm-5:30 pm

POSTER SESSION

Poster sessions will consist of small breakout rooms of 12 poster, with moderators, for discussion among presenters and attendees.

Poster Session 13: Pediatric Case Reports

Moderators: Nayef Chahin
Echezona Maduekwe

P117. CEREBRAL VENOUS SINUS THROMBOSIS IN AN INFANT WITH SICKLE CELL TRAIT

Christopher Weston¹, Emily Olson³, Tamika Queen³, Spandana Induru^{2,1}, Padmaja Pavuluri^{2,1}

1. George Washington University, Washington, DC, United States. 2. Pediatric Hospital Medicine, Children's National Hospital, Washington, DC, United States. 3. Pediatric Residency, Children's National Hospital, Washington, DC, United States.

P118. CASE SERIES OF THREE PATIENTS PRESENTING TO A NEW ENGLAND CHILDREN'S HOSPITAL EMERGENCY DEPARTMENT FOR CONCERN OF MENINGITIS AND INCREASED INTRACRANIAL PRESSURE

Kathryn Schissler¹, Kayla Gonzalez¹, Henry Chicaiza¹

1. Connecticut Children's, Hartford, CT, United States.

P119. A NOVEL PATHOGENIC VARIANT OF G6PC3 GENE PRESENTING AS CYCLIC NEUTROPENIA IN A PEDIATRIC PATIENT

Christian M. Bruni¹, Wendy De La Rua¹, Sara Sadre¹, Jennifer M. Nestor¹, Maria Scarano¹, Julie Kaplan², Rafat Ahmed^{1,3}

1. Pediatrics, Cooper University Hospital, Camden, NJ, United States. 2. Genetics, Cleveland Clinic, Cleveland, OH, United States. 3. Pediatric Hematology / Oncology, Cooper University Hospital, Camden, NJ, United States.

P120. SPONTANEOUS CALVARIAL INFARCTION WITH EPIDURAL HEMATOMA AND SUBGALEAL HEMORRHAGE IN A TEENAGER WITH SICKLE CELL SS DISEASE AND GLUCOSE-6-PHOSPHATE DEHYDROGENASE DEFICIENCY

Jennifer Nestor¹, Danielle Sanders¹, Sukrita Mysore^{1,2}, Aubri Milano¹, Odiraa Nwankwor¹, Renata Ostrowicki¹, Thomas Presenza³, Emily Scattergood³, Rafat Ahmed¹

1. Pediatrics, Cooper University Health Care, Camden, NJ, United States. 2. Pediatrics, University of Maryland Upper Chesapeake Health, Bel Air, MD, United States. 3. Radiology, Cooper University Health Care, Camden, NJ, United States.

P121. UNDER PRESSURE - A CASE OF ACUTE PEDIATRIC HYPERTENSION

Simi George¹, Heather Wasik¹, Melissa Schafer¹

1. SUNY Upstate Medical University, Syracuse, NY, United States.

P122. SYSTEMIC LUPUS ERYTHEMATOSUS WITH GRADE IV LUPUS NEPHRITIS IN A 4-YEAR-OLD

Giulia Martone⁴, Xiaoyan Wu², Lin Liu³, Rabheh Abdul-Aziz¹

70

1. Department of Pediatrics – Division of Rheumatology, University at Buffalo Jacobs School of Medicine & Biomedical Sciences, John R. Oishei Children's Hospital, Buffalo, NY, United States.
2. Department of Pediatrics – Division of Nephrology, University at Buffalo Jacobs School of Medicine & Biomedical Sciences, John R. Oishei Children's Hospital, Buffalo, NY, United States.
3. Department of Pathology and Anatomical Sciences, University at Buffalo Jacobs School of Medicine & Biomedical Sciences, Buffalo, NY, United States.
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P123. PROFOUND PROTEINURIA IN A PEDIATRIC PATIENT WITH MEMBRANOUS NEPHROPATHY SECONDARY TO SYSTEMIC LUPUS ERYTHEMATOSUS

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P124. SUSPECTED PEDIATRIC SARCOIDOSIS: HYPERCALCEMIA IN A 12-YEAR-OLD MALE

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P125. PNEUMOPERICARDIUM IN A NEONATE

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P126. USE OF ECMO CIRCUIT PARAMETERS AS CIRCUIT HEALTH BIOMARKERS TO GUIDE RISK OF CIRCUIT DYSFUNCTION

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P127. DELAYED DIAGNOSIS OF ACUTE INTERMITTENT PORPHYRIA IN A TEENAGE FEMALE WITH CUTANEOUS MANIFESTATIONS OF DISEASE

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P128. CONGENITAL SYPHILIS IN A NEWBORN BORN TO A MOTHER WITH NEGATIVE EARLY PRENATAL SCREENING: IMPORTANCE OF MATERNAL RE-SCREENING

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P129. SKIN BREAKDOWN IN AN EXTREMELY LOW GESTATIONAL AGE NEONATE

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