



2023 ANNUAL MEETING

March 10-12

www.eastern-spr.org

PROGRAM GUIDE

Hilton Philadelphia at Penn's Landing

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WELCOME

Welcome to the 35th Annual Meeting of the Eastern Society for Pediatric Research (ESPR) and to our host city of Philadelphia, the Cradle of Liberty! After 3 years of a virtual platform, we are thrilled to meet in person!



The Eastern Society for Pediatric Research Council and Planning Committee are confident that you will enjoy our exciting program and theme: research to advocacy. Highlights include State-of-the-Art Plenary Talks, the highly popular Fellow's Clinical Case Presentation Competition, Investigator Workshops, and a new Dine and Discuss evening session. High-quality original research is presented in sub-specialty platform sessions with leading clinical and scientific authorities moderating the presentations and in three poster sessions.

The Eastern Society for Pediatric Research (ESPR) aims to provide investigators (especially trainees and junior faculty members) of all races, ethnicities, religions, sexual orientations, gender identities, and abilities with an opportunity to meet and present their research for critical review and feedback. Thus the goals of the ESPR Annual Meeting are to create a forum where: i) young investigators can present their research in a structured yet relaxed atmosphere, ii) regional clinicians can be exposed to cutting edge clinical and basic science, iii) timely educational programs addressing important topics in pediatrics are presented and iv) trainees are able to interact with senior investigators and clinicians in an informal setting.

ACKNOWLEDGEMENTS: The organization of this meeting would not have been possible without the help of the administrative offices of Degnon Associates. We are especially grateful to: Bette Anne Preston, Tim Filer, Meg Gorham, Matt McRae, and of course to the leadership of Laura Degnon. We also recognize the energetic efforts of the ESPR Planning Committee, Officers and Council Members for their guidance and vision in planning this meeting and the efforts of Amedco as our sponsor for the CME program. In addition, we thank various members of the regional pediatric community for reviewing the submitted abstracts and for moderating our platform and poster sessions. Lastly, our corporate and leading academic sponsors were instrumental in making this meeting possible.

Most of all, we want to thank you for attending and for contributing your wisdom and experience. We hope that you enjoy the sessions, and look forward to your continued participation in the future! Interested in getting more involved? Visit our Registration Desk who can connect you with one of the ESPR officers to learn more.

Heather L. Brumberg, MD, MPH (President)
Sema Gogcu, MD, MPH (Treasurer)
Rubia Khalak, MD (President-Elect)
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CME ACCREDITATION

Learner Notification

Eastern Society for Pediatric Research
2023 ESPR Annual Meeting
March 10-13, 2023
Philadelphia, PA

Acknowledgement of Financial Commercial Support

No financial commercial support was received for this educational activity.

Acknowledgement of In-Kind Commercial Support

No in-kind commercial support was received for this educational activity.

Satisfactory Completion

Learners must complete an evaluation form to receive a certificate of completion. Partial credit of individual sessions is not available. If you are seeking continuing education credit for a specialty not listed below, it is your responsibility to contact your licensing/certification board to determine course eligibility for your licensing/certification requirement.



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In support of improving patient care, this activity has been planned and implemented by Amedco LLC and Eastern Society for Pediatric Research. Amedco LLC is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Physicians (ACCME) Credit Designation

Amedco LLC designates this live activity for a maximum of 15.00 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Objectives - after attending this program you should be able to:

- Critically evaluate the emerging translational and clinical research and discuss new developments in pathophysiology of human disease with colleagues

- Identify new areas of investigation which will inform research and improve patient care.
- Develop optimal strategies for clinical investigation and transmission of clinical research results and develop relationships with mentors and peers to address the barriers which interfere with research development.

Disclosure of Conflict of Interest

The following table of disclosure information is provided to learners and contains the relevant financial relationships that each individual in a position to control the content disclosed to Amedco. All of these relationships were treated as a conflict of interest, and have been resolved. (C7 SCS 6.1--6.2, 6.5)

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- Evaluate the meeting and click the hyperlink provided on the last page to claim your credit certificate.
- Save/Download/Print all pages of your certificate for your records.

Questions? Email Certificate@AmedcoEmail.com

Schedule-at-a-Glance

Friday, March 10, 2023

Pre-Conference Workshops

2:00 PM - 4:00 PM

Data Visualization: Do's and Don'ts to Effectively Communicate Research Results

Eva Siblinga, Data Science Curriculum Developer at Code Academy, The Graduate Center, City University of New York

Room: Discovery A/B (3rd Fl)

4:00 PM - 6:00 PM

The Challenges of Reading and Writing Systematic Reviews

Roger Soll, Vice President of Vermont Oxford Network (VON) and a Core Editor for Neonatal Cochrane Collaboration

Room: Discovery A/B (3rd Fl)

6:00 PM - 7:30 PM

Poster Session | Opening Reception | Exhibit Hall Open

Room: Grand Ballroom (2nd Fl)

Sponsored by: Reckitt/Mead Johnson Nutrition

7:30 PM - 9:00 PM

Dine and Discuss Session: Trust your crazy ideas, lessons in medical innovation

Ben Courchia "Incubator Podcast"

Room: Columbus A/B (2nd Fl)

Saturday, March 11, 2023

7:00 AM - 8:00 AM

Continental Breakfast | Exhibit Hall Open

Room: Grand Ballroom (2nd Fl)

8:00 am - 9:30 am

CONCURRENT ABSTRACT PRESENTATION SESSION I

Session 1A - Neonatology Resuscitation

Room: Innovation A (3rd Fl)

Session 1B - Emergency Medicine

Room: Discovery A (3rd Fl)

Session 1C - Developmental Biology/Basic and Translational

Room: Discovery B (3rd Fl)

Session 1D - Social Determinants of Health

Room: Discovery C (3rd Fl)

Session 1E - Adolescent/Public Health

Room: Innovation B (3rd Fl)

Session 1F - Education

Room: Admiral's Quarters (1st Fl)

Session 1G - COVID 19/Infectious Disease

Room: USS New Jersey (2nd Fl)

9:30 AM - 9:45 AM

Coffee Break | Visit with Exhibitors

Room: Grand Ballroom (2nd Fl)

9:45 AM - 11:15 AM

CONCURRENT ABSTRACT PRESENTATION SESSION II

Session 2A - Neonatal Cardio-Pulmonary

Room: Innovation A (3rd Fl)

Session 2B - Quality Improvement/Patient Safety- Neonatal

Room: Innovation B (2nd Fl)

Session 2C - Hospital Medicine/General Peds

Room: Discovery A (3rd Fl)

Session 2D - Gastrointestinal

Room: Discovery B (3rd Fl)

Session 2E - Endocrine

Room: Discovery C (3rd Fl)

Session 2F - Breast Milk/Infant Nutrition

Room: Admiral's Quarters (1st Fl)

Session 2G - Environmental Health/Global Health

Room: USS New Jersey (2nd Fl)

11:20 AM - 12:20 PM

Plenary Session I

Panel Discussion: From Curricula to Assessment: How LGBTQ+ Health Education Can Improve the Care of LGBTQ+ Youth

Room: Columbus A/B (2nd Fl)

Lauren Roth, MD, Assistant Professor of Pediatrics Director Service-Learning Course, Albert Einstein College of Medicine, Children's Hospital at Montefiore Co-Chair, LGBTQ+ Health and Well-being Special Interest Group, Academic Pediatric Association (APA)

12:30 PM - 1:30 PM

Fellows' Clinical Case Presentation Competition - Lunch Provided

Room: Columbus A/B (2nd Fl)

12:30 PM - 1:30 PM

Eastern SPR Business Meeting - Lunch Provided

Room: Admiral's Quarters (1st Fl)

Schedule-at-a-Glance

1:40 PM – 4:15 PM

Plenary Session II

Room: Columbus A/B (2nd Fl)

1:40 PM - 2:30 PM

MENTOR OF THE YEAR

Karen Puopolo, MD, PhD, Chief, Section on Newborn Medicine, Pennsylvania Hospital, Professor of Pediatrics, University of Pennsylvania, Perelman School of Medicine

What My Mentors and My Mentees Have Taught Me About Neonatal Early-Onset Sepsis (and a Few Other Things, Too)

2:30 PM – 3:15 PM

YOUNG INVESTIGATOR AWARD - TRAINEE

3:15 PM - 3:30 PM

Coffee Break | Exhibit Hall

Room: Grand Ballroom (2nd Fl)

3:30 PM – 4:15 PM

YOUNG INVESTIGATOR AWARD - FACULTY

4:15 PM - 4: 45 PM

Diversity award trainee and faculty

Room: Columbus A/B (2nd Fl)

5:00 PM – 6:30 PM

CONCURRENT ABSTRACT PRESENTATION SESSION III

Session 3A - Neonatology General

Room: Discovery A (3rd Fl)

Session 3B - Allergy/Immunology/Nephrology

Room: Discovery B (3rd Fl)

Session 3C - Quality Improvement/Neonatology 2

Room: USS New Jersey (2nd Fl)

Session 3D - Neonatal Cardio-Pulmonary 2

Room: Innovation A (3rd Fl)

Session 3E - Neurodevelopment

Room: Innovation B (3rd Fl)

Session 3F - Community Health/DEI

Room: Innovation C (3rd Fl)

Session 3G - Infectious Disease

Room: Admiral's Quarters (1st Fl)

6:30 PM – 8:00 PM

Poster Session II & Reception | Exhibit Hall

Room: Grand Ballroom (2nd Fl)

Sunday, March 12, 2023

7:30 AM – 9:00 AM

Continental Breakfast | Exhibit Hall | Poster Session III

Room: Grand Ballroom (2nd Fl)

9:00 AM – 10:15 AM

Plenary Session III

Room: Columbus A/B (2nd Fl)

9:00 AM – 9:15 AM

PRESENTATION OF AWARDS

9:15 AM - 9:30 AM

SPR Opportunities for Collaboration and Engagement

Kate Ackerman

9:30 AM – 10:15 AM

Firearm Injury Prevention: Advancing the Science and Advocating for Change

Lois K. Lee, MD, MPH, Associate Professor of Pediatrics and Emergency Medicine, Harvard Medical School, Lead author of recent AAP Policy and Technical report on firearm injury prevention

10:15 AM – 10:30 AM

Coffee Break | Exhibit Hall

Room: Grand Ballroom (2nd Fl)

10:30 AM – 12:30 PM

CONCURRENT ABSTRACT PRESENTATION SESSION IV

Session 4A - Neurology

Room: Innovation A (3rd Fl)

Session 4B - Quality Improvement 3

Room: Innovation B (3rd Fl)

Session 4C - General Pediatrics

Room: Discovery A (3rd Fl)

Session 4D - Clinical Respiratory

Room: Discovery B (3rd Fl)

Session 4E - The Opioid Conundrum

Room: Discovery C (3rd Fl)

Session 4F - Nutrition

Room: Admiral's Quarters (1st Fl)

Session 4G - Neonatology Potpourri

Room: USS New Jersey (2nd Fl)

Program Schedule

Friday, March 10, 2023

Pre-Conference Workshops

2:00 PM - 4:00 PM

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Moderators: *Eva Siblinga, Vivien Yap*

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Room: Discovery A/B (3rd Fl)

Moderators: *Roger Soll, Heather Brumberg*

6:00 PM - 7:30 PM

Poster Session I, Opening Reception, Exhibit Hall Open

Room: Grand Ballroom (2nd Fl)

Sponsored by: *Reckitt/Mead Johnson Nutrition*

Moderators: *Jen Duchon, Sagori Mukhopadhyay, Vivien Yap*

Neonatology

Poster 1: Abstract 340: The Effect of Maternal Heartbeat and Voice Sound on Resting Energy Expenditure of Premature Infants

Gurpreet Kaur, MD, NYU Langone Health; Sean Bailey, MD; Heather Howell, MD, NYU Grossman School of Medicine; Stacey Schneider, MA, ATR, CCLS, LCAT; Elena Savvides, BA, MMT, Hassenfeld Children's Hospital at NYU Langone; Pradeep Mally, MD, Dch, FAAP; Sourabh Verma, MD, NYU Grossman School of Medicine

Poster 2: Abstract 147: Improvement of Extrauterine Growth Restriction Within a NICU: Quantitative Assessment Methods and Contributing Factors

Vanessa Eddy-Abrams, MD; Robert Green, MD; Jing Lin, MD; Diana Lee, MD; Emily Polidoro, MD, Mount Sinai Hospital

Poster 3: Abstract 125: Comparison of chest tube drainage vs needle aspiration for primary treatment of neonatal pneumothorax.

Laurie Guzman, DO; Nicole Spillane, MD; Tara Lozy, MA; Sabrina Malik, MD, Joseph M. Sanzari Children's Hospital Hackensack University Medical Center

Poster 4: Abstract 266: Targeted surveillance and decolonization to reduce invasive infections with MSSA & MRSA in the NICU

Selina Bowler, DO; Asif Noor, MD; Ranjith Kamity, MD, NYU Langone Hospital - Long Island

Poster 5: Abstract 218: Incidence and Screening Practices of Developmental Dysplasia of Hip in Preterm Breech Infants

Cole Turner, DO, New York University Langone Health; Kashif Iqbal, MD; Erin Hanft, MD; Zachary Henig, Medical Student; Alyssa Khoo, Undergraduate Student, New York University Langone Health

Poster 6: Abstract 252: Bloody stool in the Near Term and Term Patient in the Neonatal ICU: Necrotizing Enterocolitis or Benign Condition?

Taylor Valerio, BA, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell; Chethan Sathya, MD MSc, Cohen Children's Medical Center; Michelle Kallis, MD PhD; Saira Khan, BS; Khush Patel, BA, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell; Alpna Aggarwal, DO, Cohen Children's Medical Center

Poster 7: Abstract 220: Factors Influencing Parental Reading to Neonatal Intensive Care Unit Graduates

Saumya Vodapally, B.S., University of Connecticut, Connecticut Children's Medical Center; Sharon Smith, MD, University of Connecticut School of Medicine, Connecticut Children's Medical Center; Joshua Yu, B.S.; Marissa Ciccarini, B.S., University of Connecticut, Connecticut Children's Medical Center; Shabnam Lainwala, MBBS, PhD, University of Connecticut School of Medicine, Connecticut Children's Medical Center

Poster 8: Abstract 344: Intravenous Lipid Emulsion Dosing and Triglyceride Monitoring for Preterm Infants

Xianhan Fei, MD, Cohen Children's Medical Center; Lyssa Lamport, DCN(c), MS, RDN; Stephanie Galanti, MS; Barry Weinberger, MD; Vitaliya Boyar, MD, Cohen Children's Medical Center

Poster 9: Abstract 39: Chorioamnionitis is associated with elevated pro-inflammatory cytokines and neonatal morbidities including chronic lung disease and retinopathy of prematurity
Jaimie E. Wardinger, MD, MSc; Fumiyuki C. Gardner, PhD; Brittany J. Fronheiser, BS; Kim K. Doheny, PhD, Penn State Children's Hospital

Poster 10: Abstract 355: Utilizing Antenatal Doppler Velocimetry as a Tool for Predicting Outcomes in Small for Gestational Age Newborns
Anna Weinstein, DO, MS; Kimberly Murphy, DO; Tara Lozy, MS, Hackensack University Medical Center; Sondois Abdah, BS, Hackensack Meridian School of Medicine; Antonia Francis, MD, MSCI; Jesus Alvarez-Perez, MD; Marwa Khalil, MD, Hackensack University Medical Center

Poster 11: Abstract 72: The updated "Triple I" classification and guidelines lead to a decreased incidence of clinical chorioamnionitis and antibiotic use in neonates
Amy Sloane, MD, MHS; Karen Leopold, MSN, NNP-BC, Nemours/Thomas Jefferson University; Lisa Madden-Schmidt, MSN, Thomas Jefferson University Hospital; Margaret Lafferty, MD; David Carola, DO, MSHQS; Kolawole Solarin, MD; Zubair Aghai, MD, Nemours/Thomas Jefferson University

Poster 12: Abstract 357: Neonatal Abstinence Syndrome: Prenatal care and Toxicology Information: A Retrospective Review
Prabhakar Kocherlakota, MD

Poster 13: Abstract 53: Risk of bronchopulmonary dysplasia (BPD) in extremely low birth weight (ELBW) infants (<1250g) exposed to single (soy) vs multiple component (SMOF) emulsions in preterm infants
Allison Beattie, DO; Shanthy Sridhar, MD, Stony Brook Children's Hospital

Poster 14: Abstract 120: Clinically relevant clusters of neonates generated with machine learning
Emily Polidoro, MD, Mount Sinai Hospital; Girish Nadkarni, MD, MPH, The Charles Bronfman Institute for Personalized Medicine, Icahn School of Medicine at Mount Sinai; Jessica Lewis, MD; Jennifer Duchon, MD, MPH, DrPH, Mount Sinai Hospital; Justin Kauffman, BS, Icahn School of Medicine at Mount Sinai

Poster 15: Abstract 95: A Blinded Observational Pilot study to evaluate Edi metrics to better predict extubation readiness
Sarah Fleishaker, MD; Sean Bailey, MD; Tatiana Nuzum, MB BCh BAO; Pradeep Mally, MD, Hassenfeld Children's Hospital at NYU Langone

Poster 16: Abstract 74: Racial and Ethnic Differences in Opioid Administration for Central Line Placement in the Neonatal Intensive Care Unit
Lindsey Simoncini, MPH; Danielle Heims-Waldron, BA; Allison Holt, BS; McKenzie Jones, BS; Heather White, MPH; Emily Lauer, PhD, MPH; Lawrence Rhein, MD, MPH, UMass Chan Medical School

Poster 17: Abstract 345: Outcomes of Neonates Born to SARS-CoV-2 Positive Mothers Admitted to a Level IV NICU: a Retrospective Chart Review
Rachel Kitt, MD; Shakuntala Chandra, MD, Saint Peter's University Hospital

Poster 18: Abstract 334: Resuscitation with 100% oxygen is superior to 21% oxygen for brain mitochondrial recovery after cardiac arrest in neonatal piglets and mice.
Balaji Sutharsanam, MD, Rutgers - Robert Wood Johnson Medical School; Anne Solevåg, MD, PhD, Oslo University Hospital Rikshospitalet; Sergei Sosunov, PhD, Rutgers - Robert Wood Johnson Medical School; Rønnaug Solberg, MD, PhD, Vestfold Hospital Trust; Zoya Niatsetskeya, PhD; Vadim Ten, MD, PhD, Rutgers - Robert Wood Johnson Medical School

Hematology/Nephrology

Poster 19: Abstract 279: Cell-free hemoglobin levels in stored packed red blood cells in relationship to changes in tissue oxygenation after blood transfusion
Kashif Iqbal, MD; Timothy Hilbert, MD; Sourabh Verma, MD; Pradeep Mally, MD; Sean M. Bailey, MD, NYU Langone Health

Poster 20: Abstract 287: Outcomes of Febrile Neutropenic Patients with Oncologic Conditions
Nechelle Dias, B.S., The University of Connecticut; Erin Pastor, MD; Sharon Smith, MD; Mary-Kate Nowobilski, B.S.; Andrea Orsey, MD, Connecticut Children's Medical Center

Poster 21: Abstract 273: Blood transfusion and changes in regional tissue oxygenation in preterm neonates
Kashif Iqbal, MD; Timothy Hilbert, MD; Pradeep Mally, MD; Sean M. Bailey, MD; Sourabh Verma, MD, NYU Langone Health

Poster 22: Abstract 283: Storage duration and irradiation of packed red blood cells and its relation to cell-free hemoglobin levels

Kashif Iqbal, MD; Timothy Hilbert, MD; Sourabh Verma, MD; Pradeep Mally, MD; Sean M. Bailey, MD, NYU Langone Health

Poster 23: Abstract 278: Impact of storage duration of transfused blood and cerebral oxygenation in preterm neonates

Kashif Iqbal, MD; Timothy Hilbert, MD; Sourabh Verma, MD; Pradeep Mally, MD; Sean M. Bailey, MD, NYU Langone Health

Poster 24: Abstract 193: Role of donor-derived cellfree DNA (dd-cfDNA) in diagnosing subclinical rejection in kidney transplant recipients – An analysis of 256 patients at a single institutions' 3-year study

Rhys Mendel, undergraduate; Kabir Jalal, PhD; Lin Liu, MD, PhD; Ying Huang, MD, PhD; Cynthia Wan, Undergraduate; Eric Zou, undergraduate; Richard Quigg, MD; Shirley Chang, MD; Xiaoyan Wu, MD, PhD, university at Buffalo

Poster 25: Abstract 131: Impact of Non-Invasive Mechanical Ventilation on The Developing Kidneys of Premature Infants

Uzoamaka Ezeanya, MD, Stony Brook Children's Hospital; Jennifer Pynn, MD; Shanthi Sridhar, MD, Stony Brook Children's Hospital

Poster 26: Abstract 60: Determination of the pharmacokinetic profile of common phthalate diesters in preterm neonates using blood transfusion as the source of intravenous exposure.

Michael Furlong, MD, Cohen Children's Medical Center; Venkata Gupta, MD, Cohen Children's Medical Center; Stephanie Galanti, MS; Annemarie Stroustrup, MD, MPH, Cohen Children's Medical Center

Education/Simulation

Poster 27: Abstract 35: Faculty Education and Development Express: a longitudinal, practical, and effective pediatric faculty development program

Eleny Romanos-Sirakis, MD, SIUH Northwell Health

Poster 28: Abstract 224: Development of Educational Modules for Resuscitation of Neonates in the Delivery Room with Congenital Heart Disease (LEARN-CHD study)

Alyssa Thomas, MD; Philip Levy, MD, Boston Children's Hospital; Brenda Law, MD; Chloe Joynt, MD, Stollery Children's Hospital; Ruby Gupta, MD, Children's

Wisconsin; Summer Elshenawy, MD, Children's Healthcare of Atlanta and Emory University School of Medicine; Danielle Reed, MD, Children's Mercy - Kansas City; Leeann Pavlek, MD, Nationwide Children's Hospital and The Ohio State University College of Medicine; Jennifer Shepherd, MD, Children's Hospital Los Angeles and Keck School of Medicine; Sharada Gowda, MD, Texas Children's Hospital; Beth Ann Johnson, MD, Cincinnati Children's Hospital Medical Center; Jennifer Arnold, MD, Boston Children's Hospital; Molly Ball, MD, Nationwide Children's Hospital and The Ohio State University College of Medicine; Noorjahan Ali, MD, University of Texas Southwestern

Poster 29: Abstract 187: TeleVISION: Telesimulation Versus In-person Simulation Instruction Of Neonatal resuscitation skills

Lakshmi Sridhar, MD, University of Rochester Medical Center ; Rita Dadiz, DO; Melissa Carmen, MD, University of Rochester Medical Center; Isabel Gross, MD, Yale University

Poster 30: Abstract 140: Implementation of Standardized Curriculum for Ultrasound Guided Intravenous Access for Pediatric Residents

Hector Zelaya, DO; Stephanie Abuso, DO; Santina Bruno, MD, NYU Langone Long Island School of Medicine

Poster 31: Abstract 81: A Novel Residency Telemedicine Curriculum Designed to Improve Competency & Equity

Andrew Carlson, MD; Carla Pruden, MD; Matthew Nardoza, MHA; Richelle deMayo, MD; Natalie Bezler, MD; Barbara Edelheit, MD; Cem Demirci, MD; Sharon Smith, MD; Lauren Weaver, MD; Nancy Presnick, DO; Emily Colpas, DO, Connecticut Children's

Poster 32: Abstract 187: Panel Discussions to Teach Diversity, Equity, and Inclusion

Yocheved Lindenbaum, MD; Victoria Close, MD; Jacqueline Benayoun, MD; Shreya Bhandari, MD, New York Medical College

7:30 PM - 9:00 PM

Dine and Discuss Session: Trust your crazy ideas, lessons in medical innovation
Ben Courchia "Incubator Podcast"

Room: Columbus A/B (2nd Fl)

Saturday, March 11, 2023

7:00 AM – 8:00 AM

Continental Breakfast | Exhibit Hall Open

Room: Grand Ballroom (2nd Fl)

8:00 am – 9:30 am

CONCURRENT ABSTRACT PRESENTATION SESSION I

Session 1A - Neonatology Resuscitation

Room: Innovation A (3rd Fl)

Moderators: Nicole Spillane, Munmun Rawat

34: Impact of Change in Neonatal Resuscitation Program Guidelines for Infants Born Through Meconium-Stained Amniotic Fluid

Hamza Abbasi, MD; Munmun Rawat, MD, University at Buffalo

191: Use of 100% Inspired Oxygen During Chest Compressions Increases Oxidative Stress Compared to 21% and 50% in an Ovine Model of Perinatal Cardiac Arrest

Clariss Blanco, MD, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo; Sylvia Gugino, MA; Lori Nielsen, MS; Justin Helman, MA; Nicole Bradley, Veterinary Science Technology AAS, University at Buffalo; Arun Prasath, MD, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo; Mausma Bawa, MD, Boston Children's Hospital; Hamza Abbasi, MBBS, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo; Satyanarayana Lakshminrusimha, MD FAAP, UC Davis Children's Hospital; Praveen Chandrasekharan, MD, MS; Munmun Rawat, MD, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo

182: GLUCOSE, LACTATE, & ADENOSINE TRIPHOSPHATE LEVELS DURING RESUSCITATION IN AN OVINE MODEL OF COMPLETE CARDIAC ARREST

Arun Prasath, MD, Jacobs school of Medicine/University at Buffalo; Sylvia Gugino, MA, State University of New York at Buffalo; Justin Helman, MA; Lori Nielsen, MS; Nicole Bradley, Veterinary technician AAS, University at Buffalo; Mary Divya Kasu, MD; Hamza Abbasi, MBBS, Jacobs school of Medicine/University at Buffalo; Clariss Blanco, MD, Jacobs school of Medicine/University at Buffalo; Mausma Bawa, MD,, Boston Childrens Hospital; Munmun Rawat, MD; Praveen Chandrasekharan,, MD, MS, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo

295: A prospective study of neonatal intubation procedural technique using video laryngoscopy

William Corder, MD; Timothy Nelin, MD; Anne Ades, MD; John Flibotte, MD; Elizabeth Laverriere, MD; Rodrigo

Daly Guris, MD; Elizabeth Foglia, MD, Children's Hospital of Philadelphia

164: Neonatal Resuscitation Ergonomics – Effect of Stepstool Use During Chest Compressions

Valerie Vernot, MD; Deepali Handa, MD; Jayasree Nair, MD, University at Buffalo

333: Umbilical cord management in an asphyxiated preterm ovine model – Should we clamp or resuscitate with an intact cord for 1,2,3... or 5 min?

Mausma Bawa, MD, Boston Children's Hospital; Sylvia Gugino, MA; Justin Helman, MA; Nicole Bradley, VT; Lori Nielsen, MS; Arun Prasath, MD; Clariss Blanco, MD; Mary Divya Kasu, MD; Hamza Abbasi, MD; Munmun Rawat, MD; Praveen Chandrasekharan, MD, MS, University at Buffalo

Session 1B - Emergency Medicine

Room: Discovery A (3rd Fl)

Moderator: Sharon Smith, Steven Rogers

353: Rapid Response EEG Decreases Time to Seizure Diagnosis in Pediatric ER and ICU Patients

Nevedha Rajan, MD, Icahn School of Medicine at Mount Sinai; Sandeep Gangadharan, MD; Toni Kavanagh, RN; Maite La Vega-Talbott, MD, Mount Sinai Kravis Children's Hospital

155: Changes in Pediatric Toxic Ingestions Due to the COVID-19 Pandemic, Focus on Racial and Ethnic Disparities

Anoush Calikyan, BA/MA, Frank H. Netter School of Medicine at Quinnipiac University; Susana Collazo, MD; Mary-Kate Nowobilski, BS; Sharon Smith, MD; Amy Hunter, MPH, PhD, Connecticut Children's

141: Ultrasound Findings in Acute Appendicitis and Body Mass Index in Children and Adolescents in Two Urban Community Hospitals

Toshihide Kuroe, M.D.; Priya Mallikarjuna, M.D.; Lochana KC, MBBS; Narihan Osman, M.D.; Vivian Chang, M.D.; Won Baik-Han, M.D.; Lily Q. Lew, M.D.; Gagan Gulati, M.D., Flushing Hospital Medical Center

222: Evaluation of Food Insecurity and Implementation of a Produce Voucher Program in a Pediatric Emergency Department: A Feasibility Study

Candice Jersey, DO; Nancy Trout, MD, MPH; Stacy Chandna, BS; Mary-Kate Nowobilski, BS; Sharon Smith, MD, Connecticut Children's

232: CAUTION: Pediatric Emergency Medicine Suicide Screening may have Predictable Discrepancies that Affect Underserved Populations

Kristen Volz, MS, Connecticut Children's Medical Center; Shane Sacco, PhD, MA, BA, University of Connecticut; Danielle Chenard, MPH; Steven Rogers, MD, MS, Connecticut Children's Medical Center

174: Barriers and Facilitators of Emergency Medical Services Care of Pediatric Patients and Families

Nazar Chowdhury, BS, Yale School of Medicine; Madeline Hekeler, BS, James Madison University; Camren Diaz, BS, Quinnipiac University; Peter Davekos, CCP-C, Yale New Haven Health; Mark Cicero, MD, Yale School of Medicine

Session 1C - Developmental Biology/Basic and Translational

Room: Discovery B (3rd Fl)

Moderators: *Krithika Lingappan, Edward Hurley*

257: Are Wingless (Wnt) or SERPINE1 genetic variants associated with Bronchopulmonary Dysplasia (BPD) in extremely low birth weight (ELBW) infants?

Gihad Abdelhady, B.S.; Van Trinh, BS, New York Medical College; Lance Parton, MD, Div Newborn Medicine/Pediatrics, MFCH at WMC

316: Addition of Pentoxifylline to Gentamicin Enhances Anti-inflammatory Interleukin-10 Expression in Lung Tissue of NLRP3 Inflammasome-deficient Neonatal Mice with Escherichia coli Sepsis

Alexandra Khorasanchi, BS Cand.; Amrendra Singh, PhD; Atilade Adedeji, PhD; Maya Bhat, BS Cand.; Joyce Lin, BS Cand.; Kelly Mackenzie, BS Cand.; Esther Speer, MD, Stony Brook University

255: Role of PD1 Inhibition and Cisplatin Therapy in Mouse Model of Hepatoblastoma

Edward Hurley, MD; Brandon Lehigh, BS; Junyan Tao, PhD; Evan Delgado, PhD; Satdarshan Monga, MD, University of Pittsburgh

336: TGFβ regulates type 1 pulmonary epithelial cell plasticity and extracellular matrix gene transcription

Danielle Callaway, MD, PhD, Children's Hospital of Philadelphia; Ian Penkala, PhD, VMD, Toronto Animal Health Partners; Su Zhou, BS; Fabian Cardenas-Diaz, PhD, University of Pennsylvania; Apoorva Babu, MS; Michael Morley, MSc; Edward Morrissey, PhD, Perelman School of Medicine at the University of Pennsylvania

313: Early Postnatal Expression of TGFβ-1 & FGF-2 Correlates with Regenerative Functions of Unrestricted Somatic Stem Cell (USSC) Infusion After Premature Rabbit Brain Hemorrhage

Edmund LaGamma, MD, NY Medical College; Dina Finkel, MD; Yanling Liao, PhD; Mitchell Cairo, MD; Govindaiah Vinukonda, PhD, NY Medical College

323: Cefotaxime and Pentoxifylline Mitigate Acute Kidney Injury and Staining for Kidney Injury Markers in Escherichia coli Septic Neonatal Mice

Atilade Adedeji, PhD; Amrendra Singh, PhD; Esther Speer, MD, Stony Brook University

Session 1D - Social Determinants of Health

Room: Discovery C (3rd Fl)

Moderators: *Rubia Khalak, Samsa Gogcu*

261: The Influence of Maternal Body Mass Index Compared to Other Social Factors on Perinatal Outcomes

Shivani Rao, BA, Cooper Medical School of Rowan University; Vishwanath Bhat, MD; Sarah Davenport, MD, MSCI; Krystal Hunter, MBA, PhD; Alla Kushnir, MD, Cooper University Health Care

46: Racial Bias in Medical Education and the Diagnosis of Common Skin Conditions

Daniela Donoso, MD; Carine Hedari, MD; David Rubin, MD, St. Barnabas Hospital

67: Does maternal health insurance status impact preconception care screening for chronic diseases?

Kriti Damodaran, MBBS, FAAP; Heather Brumberg, MD, MPH; Clare Giblin, BSN-NIC; Sarah Sanchez, MD; Elissa Dunlap, DO; Shetal Shah, MD, FAAP, Maria Fareri Children's Hospital/Westchester Medical Center

265: The Quest for Health care access for Children with Special Health Care Needs: Is Medicaid Expansion a way out?

Khawar Nawaz, MD; Myrto Skafida, MD; Oliwia Opacka, MD; Christina Guillen, MD, FAAP, SUNY Downstate medical Center; Daniel Ehlke, MPH; Michael Silver, DrPH; MaccEAU Medozile, DrPH, School of Public Health SUNY Downstate Medical center; Juveria Peishimam, MD; sana khan, MD, SUNY Downstate medical center

354: Implicit Racial Bias in Evaluating Neonatal Opiate Withdrawal Syndrome

Katherine Nyman, MD; Francesca Okolie, DO; Natalie Davis, MD, University of Maryland School of Medicine; Erin Hager, PhD, Johns Hopkins Bloomberg School of Public Health; Dina El-Metwally, MD PhD, University of Maryland School of Medicine

228: Negative social determinants of health during the COVID-19 pandemic: Effect on maternal and neonatal outcomes

Kerly Guerrero, MD, Montefiore/Albert Einstein College of Medicine; David Harary, BA and MSc; Natasha Chaudhari, BS; Maureen J. Charron, BA, MA, MPhil, PhD, Albert Einstein College of Medicine; Mamta Fuloria, MD, The Children's Hospital at Montefiore

Session 1E - Adolescent/Public Health

Room: Innovation B (3rd Fl)

Moderators: *Heather Brumberg, Amy Reichlin*

249: Muscle Madness: An Exploration of Teens' Online Exposure to Steroid Use

Abhijeet Grewal, BS; Kara Sangiuolo, BA; Fiona Dubrosa, BS BA; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

280: Do-It-Yourself Diagnosis: An Analysis of Online ADHD, ASD, and OCD Self Diagnosis Tools

Kara Sangiuolo, BA; Ananya Terala, N/A; Elaine Cheng, N/A; Fiona Dubrosa, BS BA; Mary O'Connor, N/A; Xihang Wang, BA; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

115: Nic Picks: Analyzing Age Verification Procedures for Nicotine Toothpicks Vendors

Abhijeet Grewal, BA; Kara Sangiuolo, BA; Fiona Dubrosa, BS BA; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

36: Screening for Adolescent Risk Behaviors and Sexual Orientation in Youth with Developmental Disabilities

Maryam Aletan, MD; Maria Valicenti-Mcdermott, MD MS; Rosa Seijo, MD, Montefiore/Einstein

250: Suggestive Ads, Sexual Content and Scammers: A Comprehensive Analysis of Comments and Reviews on Popular Teen Apps

Julian Franco; Kara Sangiuolo, BA; Xihang Wang, BA; Fiona Dubrosa, BS BA; Abhijeet Grewal, BS; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

122: Online "Body Checking" and its Effects on Teenage Eating Disorder Culture

Fiona Dubrosa, BS BA; Ananya Terala, N/A; Kara Sangiuolo, BA; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

Session 1F - Education

Room: Admiral's Quarters (1st Fl)

Moderators: *Jen Cerone, Shetal Shah*

137: QI Initiative to Improve Resident Education in a Level IV Neonatal Intensive Care Unit (NICU)

Noor Mehandi, MBBS; Benjamin Balderman, MD; Christina Sebastian, MD, Jacobs School of Medicine, University at Buffalo, NY; Sasha Amiri, MD, Rush University Medical Center; Gretell Gomez, MD, University of Miami Leonard M. Miller School of Medicine; Laura Sandin, PA, John R. Oishei Children's Hospital; Katherine Perry, MSN, Kaleida Health ; Deepali Handa, MD, Jacobs School of Medicine, Uni-versity at Buffalo, NY

309: National Landscape of Neonatal-Perinatal Medicine Fellowship Advanced Airway Curricula and Assessment Techniques

Mark Castera, MD; Brielle Formanowski, MS; Heather French, MD, MEd, CHOP

318: The Impact of a Brief Educational Intervention for Medical Students on Promoting Literacy in Early Childhood

Sarah Tian, BA; Usha Ramachandran, MD; Kristen Coppola, PhD, Rutgers Robert Wood Johnson Medical School

227: The Development and Implementation of a Pediatric Professional Fulfillment Program

Gina Geis, MD, MS, Albany Medical Center

161: A curriculum to empower pediatric residents to run team debriefs in the Neonatal Intensive Care Unit (NICU).

Ayesha Alriyami, MB BCh BAO; Jessica O'Neal, MD; Christine Bishop, MD; Carla Spagnoletti, MD, MS; Brigid O'Donnell, MD, University of Pittsburgh Medical Center

260: Improving resident knowledge and comfortability in diagnosing dermatological conditions in pa-tients with skin of color

Valerie Vernet, MD; Jordan Hart, MD; Victoria Sarata, MD; Lisa Samuels-Cox, MD; Alanna Grafius, DO; Robert R. Welliver, MD; Mary Emborsky, DO, University at Buffalo

Session 1G - COVID 19/Infectious Disease

Room: USS New Jersey (2nd Fl)

Moderators: *Lakshmi Srinivasan, Vivien Yap*

173: Utility of Anaerobic Blood Cultures in Neonatal Sepsis Evaluation

Amanda Gottschalk, Perelman School of Medicine ; Sarah Coggins, MD, Children's Hospital of Philadelphia; Miren Dhudasia, MPH, Children's Hospital of Philadelphia ; Dustin Flannery, DO, MSCE; Karen Puopolo, MD, PhD, Children's Hospital of Philadelphia;

Tracy Healy, n/a, Pennsylvania Hospital; Jeffrey Gerber, MD, PhD; Sagori Mukhopadhyay, MD, MMSc, Children's Hospital of Philadelphia

56: Risk Phenotype Association with Early-Onset Sepsis in Preterm Infants

Sarah Coggins, MD, Children's Hospital of Philadelphia; Sagori Mukhopadhyay, MD MMSc; Karen Puopolo, MD PhD, Children's Hospital of Philadelphia / University of Pennsylvania

165: Resources Available for Diagnosis, Treatment, and Prevention of Infectious Diseases in Sub-Saharan African Hospitals Caring for Children

Samiksha Tarun, MD, MSc, Columbia University; Workeabebe Abebe, MD, Addis Ababa University; Maitry Mahida, MPH, Columbia University Irving Medical Center; Lisa Saiman, MD, MPH, NewYork-Presbyterian Hospital and Columbia University Irving Medical Center; Wilmot James, PhD, Columbia University; Phil LaRussa, MD; Lawrence Stanberry, MD, PhD, Columbia University Irving Medical Center

181: Alteration in DNA Methylation and Gene Expression in Human Umbilical Cord Blood Cells After Covid-19 Infection During Pregnancy

Suhita Gayen nee' Betal, PhD; Pedro Urday, MD, Nemours Children's Health at Thomas Jefferson University; Rochelle Sequeira Gomes, MD, Nemours Children's Health; Sneha Chaudhuri, High School Student; Huda B. Al-Kouatly, MD, Thomas Jefferson University; Kolawole Solarin, MD, Nemours Children's Health at Thomas Jefferson University; Joanna SY Chan, MD; Sankar Addya, PhD; Ramkrishna Mitra, PhD; Rupsa C. Boelig, MD, Thomas Jefferson University; Zubair Aghai, MD, Nemours Children's Health at Thomas Jefferson University

9:30 AM – 9:45 AM

Coffee Break | Visit with Exhibitors

Room: Grand Ballroom (2nd Fl)

9:45 AM – 11:15 AM

CONCURRENT ABSTRACT PRESENTATION SESSION II

Session 2A - Neonatal Cardio-Pulmonary

Room: Innovation A (3rd Fl)

Moderators: George Porter, Kate Tauber

294: A Rise in Exhaled Carbon Dioxide During Chest Compressions in a Bradycardic Model of Neonatal Resuscitation Predicts Return of Spontaneous Circulation.

Mary Divya Kasu, MD, Jacobs School Of medicine; Sylvia Gugino, MA; Justin Helman, MA; Lori Nielsen,

MS; Nicole Bradley, AAS, University At Buffalo; Arun Prasath, MD; Clariss Blanco, MD; Hamza Abbasi, MD; Munmun Rawat, MD; Praveen Chandrasekharan, MD, Jacob's School Of Medicine; Mausma Bawa, MD, Boston Children's Hospital

256: Genetic Foundation for Responsiveness to Ibuprofen Treatment of Patent Ductus Arteriosus in Extremely Low Birthweight Infants

Hannah Sampath, MD, Maria Fareri Children's Hospital at Westchester Medical Center; Van Trinh, B.A., New York Medical College; Lance Parton, M.D., Maria Fareri Children's Hospital at Westchester Medical Center

55: Can Pre-Discharge Oxygen Saturation Metrics Predict Interstage Interval Following Single Ventricle Palliation in Infants with Hypoplastic Left Heart Syndrome?

Theiju Sebastian, MD; Rakesh Sahni, MD; Nimrod Goldshtrom, MD; Joseph Isler, PhD, Columbia University

335: Effect of Epinephrine on the Coronary Circulation During Neonatal Resuscitation using a Large Ovine Model

Mausma Bawa, MD, Boston Children's Hospital, Harvard University; Sylvia Gugino, MA; Justin Helman, MA; Nicole Bradley, VTAAS; Lori Nielsen, MS; Arun Prasath, MD; Clariss Blanco, MD; Mary Divya Kasu, MD; Hamza Abbasi, MBBS; Munmun Rawat, MD; Praveen Chandrasekharan, MD, MS, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo

219: Cyclophilin D-mitochondria-ROS-differentiation pathway regulates neonatal heart bioenergetics and function

George Porter, MD, PhD; Hope Kile, MD, Golisano Children's Hospital at the University of Rochester; Joshua Agyarko, BS, Kile, Hope Elizabeth ; Gisela Beutner, PhD, Golisano Children's Hospital at the University of Rochester

321: A Gradient of Arterial to Exhaled Carbon Dioxide Level Identifies Lower Pulmonary Perfusion Post Resuscitation in a Newborn Model

Mary Divya Kasu, MD, Jacobs School Of medicine; Sylvia Gugino, MA; Justin Helman, MA; Lori Nielsen, MS; Nicole Bradley, AAS, University At Buffalo; Mausma Bawa, MD, Boston Children's Hospital; Arun Prasath, MD; Clariss Blanco, MD; Hamza Abbasi, MD; Munmun Rawat, MD; Praveen Chandrasekharan, MD, Jacob's School Of Medicine

Session 2B - Quality Improvement/Patient Safety- Neonatal

Room: Innovation B (2nd Fl)

Moderator: Deepali Handa

253: A Quality Improvement Initiative to Reduce the Rate of Central Line-Associated Bloodstream Infections in a Level IV NICU Using a High-Risk Bundle Protocol

Liana Senaldi, MD; Vivien Yap, MD; Jean-Marie Cannon, BSN; Karen Acker, MD; Claudette Theurriere, RN; Lauren McMahon, RN; Christel Vasquez, MPA, BSN, RN; Caitlin Ehret, MSN; Snezana Nena Osorio, MD, MS; Priyanka Tiwari, MD, NYP-Weill Cornell Medicine

59: Improving Surfactant Delivery in the Era of Less-Invasive Surfactant Administration

Venkata Gupta, MD; Vitaliya Boyar, MD; Olena Predtechenska, MD; Regina Spinazzola, MD; Dalibor Kurepa, MD; Barry Weinberger, MD; Shahana Perveen, MD, Cohen Children's Medical Center

58: A Quality Improvement Project to Standardize the use of Premedication for Endotracheal Intubation in the NICU

Michelle Lucena, MD; Alecia Thompson-Branch, MD; Toshiba Morgan-Joseph, BS Biology, PharmD, The Children's Hospital at Montefiore; Mimi Kim, Sc.D, Albert Einstein School of Medicine

162: Implementation of eat, sleep, console protocol in a rural community hospital: a success story

Ashish Gupta, MD, MBA, Nemours Children's Health; Riley Phyu, OMS II, Rowan University School of Osteopathic Medicine; Charrell Bird, MD, Nemours/Inspira medical center

76: A Quality Improvement Project to Reduce Antibiotic Use by Limiting Treatment for Culture-Negative Sepsis (CNS) in a Level IV NICU

Jessica Lewis, MD; Laura N Hodo, MD; Jennifer Duchon, MD, MPH, DrPH; Stefano Biguzzi-Velcich, MSDS; Courtney Juliano, MD, Mount Sinai Hospital

177: A strategy to Increase the use of Premedication in Neonatal Intubations

Oluwatobi Adegboye, MD, Thomas Jefferson University Hospital; Diksha Shrestha, MD, University of South Alabama College of Medicine; Alina Ivashchuk, DO, Women and Babies Hospital- Lancaster General Health/CHOP Newborn Care; Rula Nassar, MD; Kelley Kovatis, MD, Christiana Care

Session 2C - Hospital Medicine/General Peds

Room: Discovery A (3rd Fl)

Moderator: Ranjith Kamity

190: Intravenous iron infusions in pediatric patients: A single institution retrospective review of efficacy and safety of IV iron infusions

Caitlin Strachan, BA; Emmalee Kugler, BS; Kartik Devgan, BS, Cooper Medical School of Rowan University; Jennifer Nestor, MD, Nemour's Children's Hospital; Riya Raju, MD, Cooper University Hospital; Krystal Hunter, PhD, MBA, Cooper Medical School of Rowan University; Rafat Ahmed, MD, Cooper University Hospital

216: Pediatric primary care of children with intrauterine opioid exposure: Current state of practice

Jessica Rohde, MD, MPH, Nemours Children's Hospital, Delaware; Barbara Chaiyachati, MD, PhD, Children's Hospital of Philadelphia, University of Pennsylvania; Neera Demharter, MD, Penn State Children's Hospital; Christina Dorrian, DO, Nemours Children's Hospital, Delaware; Emily Gibbons, MD, Penn State Children's Hospital; Emily Gregory, MD, MHS, Children's Hospital of Philadelphia; Olivia Larkin, MD, MassGeneral Hospital for Children; Jennifer McAllister, MD, Cincinnati Children's Hospital; Elisabeth McGovern, MD, Children's Hospital of Philadelphia; Serra Muftu, BS, MassGeneral Hospital for Children; Fateh Peera, MD, Kirk Kerkorian School of Medicine at UNLV; Jessica Ratner, MD, Johns Hopkins School of Medicine; Davida Schiff, MD, MSc, Mass General Hospital; Aaron Shedlock, MD; Katherine Shedlock, MD, Penn State Health Children's Hospital; Erica Sibinga, MD, MHS, Johns Hopkins School of Medicine; Neera Goyal, MD, MSc, Nemours Children's Hospital, Delaware

314: Characteristics of Prolonged Length of Stay in Children Admitted with Non-Accidental Trauma

Heather Ross, MD, Upstate Medical University; Ann Botash, MD, Upstate Medical University

52: Missed Pediatric Well Child Visit Appointments during COVID -19 Pandemic

Pedro Jose Cruz Guzman, Resident, St. Barnabas Hospital Medical Center; Mabelly Rodriguez, Intern, Union Community Health Center; David Rubin, Attending; Janine Adjo, Chairman, Saint Barnabas Hospital Medical Center; Tawana Winkfield-Royster, Attending, Union Community Health Center; Miguel Sanchez, Program Director, Saint Barnabas Hospital Medical Center

124: Analyzing Children's Edible Melatonin Product Reviews at Major Retailers and Pharmacies

Kara Sangiuolo, BA; Fiona Dubrosa, BS BA; Abhijeet Grewal, BS; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

98: Short-term Memory and Body Mass Index in Children Aged 6-11 Years in an Urban Multiethnic Community Hospital

Alexandra Zariffah, MBBCh; Narihan Osman, M.D.; Joanna Iris Depasupil, M.D.; Leidi Pedraza Gonzalez, M.D.; Lily Q. Lew, M.D.; Viola Cheung, D.O.; Prashil Govind, M.D., Flushing Hospital Medical Center

Session 2D - Gastrointestinal

Room: Discovery B (3rd FL)

Moderator: Sagori Mukhopadhyay, Dustin Flannery

303: Fecal diversion for perianal Crohn's disease in children and adolescents

William Johnston, MD, Hospital of the University of Pennsylvania; Peter Mattei, MD; Rosa Hwang, BS, Children's Hospital of Philadelphia

129: ANTENATAL MAGNESIUM SULFATE EXPOSURE AND GASTROINTESTINAL OUTCOMES IN PRETERM INFANTS - A SYSTEMATIC REVIEW AND META-ANALYSIS

Arun Prasath, MD, Jacobs school of Medicine/ University at Buffalo; Nell Aronoff, MLS; Praveen Chandrasekharan, MD, MS, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo; Shivashankar Diggikar, MD, MRCPC, Oyster Woman and Child Hospital

38: Growth faltering and the gut microbiome in VLBW infants: A prospective cohort study

Matthew Green, MPH, Rowan-Virtua School of Osteopathic Medicine; Scott Daniel, PhD; Dustin Flannery, DO, MSCE; Emily Woodford, BA; Babette Zemel, PhD, Children's Hospital of Pennsylvania; Kyoung Joung, MD, MMSc, Massachusetts General Hospital; Mark Underwood, MD, UC Davis; Miren Dhudasia, MBBS, MPH; Kyle Bittinger, PhD; Sagori Mukhopadhyay, MD, MMSc, Children's Hospital of Pennsylvania

343: Extrauterine growth restriction trajectory by Intergrowth-21 vs Fenton growth charts

Lena Olgun, MD IBCLC; Andrea Weintraub, MD; Robert Green, MD, Mount Sinai Hospital

139: The Role of Altered Immune Cell Activation and Epithelial Cell Function in Infants with Spontaneous Intestinal Perforation

Abigail Jolteus; Oluwabunmi Olaloye, MD; Liza Konnikova, MD, PHD, Yale School of Medicine

308: Bile Acid Metabolism in Rat Pups Exposed to Phytosterols in Lipid Emulsions

Rebekah Muthalaly, DO, Goryeb Children's Hospital, Atlantic Health Systems; Elizabeth Eckman, PhD, MidAtlantic Neonatology Associates and BRInj; Chris

Lee, PhD, Biomedical Research Institute of NJ; Aimee Herdt, PhD, Foundation for Morristown Medical Center and MidAtlantic Neonatology Associates; Naureen Memon, MD, Goryeb Children's Hospital, Atlantic Health System

Session 2E - Endocrine

Room: Discovery C (3rd Fl)

Moderators: Sripriya Sunderrajan, Pat Vuguin

277: Pubertal status and trends in gender affirming treatment of transgender and gender diverse youth

Cathy Lin, MS; Matthew Oransky, PhD; Ralph Fader, MD; Neha R Malhotra, MD; Eva M Baldiserroto, MS, NP; Christopher J Romero, MD; Joshua D Safer, MD; Mabel Yau, MD, Mount Sinai

116: Analyzing Information Regarding Type 1 Diabetes Omnipod 5 Device on TikTok

Kara Sangiuolo, BA; Fiona Dubrosa, BS BA; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

100: Characteristics of Children and Adolescents with Hashimoto's Thyroiditis in a Multiethnic Community Hospital

Narihan Osman, M.D.; Alexandra Zariffah, MBBCh; Toshihide Kuroe, M.D.; Lily Q. Lew, M.D., Flushing Hospital Medical Center

132: Premature Infants with Very Low Birth Weight and Vitamin D Status

Logan Greenblatt, MD; Jonathan Blau, MD; Amanda Rahman, MD, Staten Island University Hospital; Dimitre Stefanov, PhD, Feinstein Institutes for Medical Research; Shachee Pandya, MD, Staten Island University Hospital

214: Impact of Maternal Negative Life Events on Neonatal Salivary Cortisol Levels

Heli Shah, MD, Northwell Health/Cohen Children's Medical Center; Xueying Zhang, PhD, Mount Sinai Hospital; Annemarie Stroustrup, MD, MPH, Northwell Health/Cohen Children's Medical Center

Session 2F - Breast Milk/Infant Nutrition

Room: Admiral's Quarters (1st Fl)

Moderators: Jen Duchon, Suhasini Kaushal

156: Preterm infants fed exclusive mother's own milk exhibit decreased stool alpha diversity over time

Disha Yellayi, B.S., Donald and Barbara Zucker School of Medicine at Hofstra/Northwell; Christina Gomez-Juge, M.D.; Victoria Scarpelli, M.D.; Jane Cerise, PhD; Diana Maffei, DO; Mariana Brewer, M.D, Cohen's Children's Medical Center

324: Comparisons of energy and macronutrient composition of pasteurized donor breast milk and preterm mother's breast milk for nutrition and growth of preterm infants

Laura Varney, DO; Margarita Suarez, MD; Loredana Cunningham, RD; Sejal Dave, RD; Lewis Rubin, MD, Georgetown University Hospital

80: Decreasing the time to first pump for mothers with preterm infants admitted to the NICU: part of the ongoing Mother's Own Milk (MOM) QI Project

Madison Dwyer, BS, Albany Medical College; Kate Tauber, MD, Albany Medical Center

106: The Importance of Breast Milk Viscosity in the Management of Neonatal Dysphagia and Gastroesophageal Reflux (GER)

Jennifer Kaswick, M.D.; Boriana Parvez, M.D., Westchester Medical Center; Matthew Armstrong, Ph.D. Chemical Engineering; Patrick Bowers, M.S. Chemical Engineering, United States Military Academy at West Point; Regina Eichenberger, PA-C, MPH; Tina Roeder, MSN, Westchester Medical Center

204: Improving Neonatal Nutrition in the NICU

Khang Nguyen, MD; Tracey Harris, DO, Albert Einstein Medical Center

285: Neonatal Short Term Outcomes Following Change to Unit Policy on Provision of Mother's Own Milk in the Setting of Maternal Marijuana Use

Jixi He, MD; Laura Madore, MD; Amy Blake, MD, Baystate Children's Hospital

Session 2G - Environmental Health/Global Health

Room: USS New Jersey (2nd Fl)

Moderator: *Alla Kushnir*

236: Air pollution and medically attended acute respiratory illness in infants with bronchopulmonary dysplasia (BPD)

Timothy Nelin, MD; Joshua Radack, MS; Scott Lorch, MD, MSCE; Sara DeMauro, MD; Nicolas Bamat, MD; Erik Jensen, MD; Kathleen Gibba, MD; Kristan Scott, MD, Children's Hospital of Philadelphia; Allan Just, PhD, Icahn School of Medicine at Mount Sinai; Heather Burris, MD, Children's Hospital of Philadelphia

217: Health Profile of Afghan Pediatric Refugees Re-settled to Philadelphia in 2021-2022 through Operation Allies Welcome

Iris Navarro, MD; Jeremy Hassan, MD; Sofia Chang Escobar, MD; Nazym Bashkenova, MD; Mayssa Abuali, MD; Mina Baisch, MSN, Albert Einstein Medical Center

356: Potential Role of Khdc3 in Small RNA Inheritance in a Transgenerational Exposure Model

Liana Senaldi, MD, NYP-Weill Cornell Medicine; Nora Hassan, MS, Weill Cornell Medicine; Matthew Smith-Raska, MD, PhD, NYP-Weill Cornell Medicine

299: Effect of environmental lighting on circadian control of lung injury

Mahdi Rashidzadeh, BS; Oindrila Paul, PhD; Amruta Naik, PhD; Kaitlyn Forrest, BS; Lora Assi, BS, Children's Hospital of Philadelphia; Shaon Sengupta, MD, MPH, Children's Hospital of Philadelphia

79: Environmental Stress and Salivary Cortisol Levels in Preterm Infants

Hannah Jolley, MD; Gabrielle Deabreu, MD; Joanna Fishbein, MPH; Zachary Ibrahim, MD; Vitaliya Boyar, MD; Barry Weinberger, MD, Cohen Children's Medical Center

315: Connecticut Pediatric Opioid-related Poisonings

Susana Collazo, MD, Connecticut Children's Medical Center; Anoush Calikyan, BS, Frank H. Netter MD School of Medicine; Mary-Kate Nowobilski, BS, Connecticut Children's Medical Center; Sharon Smith, MD; Amy Hunter, PhD, UCONN/Connecticut Children's Medical Center

11:20 AM – 12:20 PM

Plenary Session I

Moderator: *Pat Vuguin*

Panel Discussion: From Curricula to Assessment: How LGBTQ+ Health Education Can Improve the Care of LGBTQ+ Youth

Room: Columbus A/B (2nd Fl)

Lauren Roth, MD, Assistant Professor of Pediatrics, Director Service-Learning Course, Albert Einstein College of Medicine, Children's Hospital at Montefiore Co-Chair, LGBTQ+ Health and Well-being Special Interest Group, Academic Pediatric Association (APA)

Learning Objectives:

- Demonstrate the importance of LGBTQ+ health education in pediatric training programs.
- Describe a framework for curricula and assessment through a new LGBTQ+ focused entrustable professional activity (EPA).
- Explore avenues for future research in LGBTQ+ health education.

12:30 PM – 1:30 PM

Fellows' Clinical Case Presentation Competition - Lunch Provided

Room: Columbus A/B (2nd Fl)

Moderators: *Hamid Bassiri, Krithika Lingappan*

270: A case of pneumocephalus caused by Haemophilus Influenzae sinusitis

Rayan Kteish, MD; Lyncean Ung, DO, Nassau University Medical Center; Yevgeniy Furman, DO, Nassau University Medical Center ; Sehar Ejaz, MD, Nassau University Medical Center

179: Interesting Case of a Neck Mass in a Teenage Patient

Samiksha Tarun, MD, MSc, Columbia University; Shivang Shah, MD, DPhil ; Lisa Saiman, MD, MPH, NewYork-Presbyterian and Columbia University Irving Medical Center

296: Newborn with hypertonic episodes and apneas

Solomon Tatagiri, MBBS; Alexander Andrews, MD; Paola Pergami, MD, PhD; Lewis Rubin, MD, MedStar Georgetown University Hospital

12:30 PM – 1:30 PM

Eastern SPR Business Meeting - Lunch Provided

Room: Admiral's Quarters (1st Fl)

1:40 PM – 4:15 PM

Plenary Session II

Room: Columbus A/B (2nd Fl)

1:40 PM - 2:30 PM

MENTOR OF THE YEAR

Karen Puopolo, MD, PhD, Chief, Section on Newborn Medicine, Pennsylvania Hospital, Professor of Pediatrics, University of Pennsylvania, Perlman School of Medicine

What My Mentors and My Mentees Have Taught Me About Neonatal Early-Onset Sepsis (and a Few Other Things, Too)

Moderators: *Sagori Mukhopadhyay, Dustin Flannery*

2:30 PM – 3:15 PM

YOUNG INVESTIGATOR AWARD - TRAINEE

Moderators: *Jayasree Nair, Vivien Yap*

234: Can Cholinergic Forebrain System Neurons be Rescued with Intranasal p75NTR Small Molecule Ligand after Hypoxia-Ischemia (HI) in Neonatal Mice?

Nazli Kuter, MD; Leslie Doucette, MD; Victoria Turnbull, MS; Debbie Flock, BS, Johns Hopkins University School of Medicine; Jesse Alt, BA, Johns Hopkins University; Raul Chavez-Valdez, MD; Lauren Jantzie, PhD; Rana Rais,

PhD, Johns Hopkins University School of Medicine; Lee J. Martin, PhD, Johns Hopkins University School of Medicine Department of Pathology; Frances J. Northington, MD, Johns Hopkins University School of Medicine

37: Neonatal anaerobe-targeted antibiotic therapy indications and utilization

Matthew Green, MPH , Rowan-Virtua School of Osteopathic Medicine; Alvaro Zevallos Barboza, MPH , Children's Hospital of Pennsylvania ; Sagori Mukhopadhyay, MD, MMSc; Jeffrey Gerber, MD, PhD, Childrens Hospital of Pennsylvania ; Karen Puopolo , MD, PhD, Perelman School of Medicine at the University of Pennsylvania ; Dustin Flannery, DO, MSCE, Childrens Hospital of Pennsylvania

32: Efficacy of Epinephrine through Laryngeal Mask Airway in Neonatal Resuscitation in the Ovine Model of Asphyxial Cardiac Arrest

Hamza Abbasi, MD; Clariss Blanco, MD; Arun Prasath, MD; Sylvia Gugino, MS; Justin Helman, MA; Lori Neilsen, MS; Nicole Bradley, VT; Praveen Chandrasekharan, MD; Munmun Rawat, MD, University at Buffalo

3:15 PM - 3:30 PM

Coffee Break | Exhibit Hall

Room: Grand Ballroom (2nd Fl)

3:30 PM – 4:15 PM

YOUNG INVESTIGATOR AWARD - FACULTY

Moderators: *Jayasree Nair, Vivien Yap*

111: Impact of a Neonatal Bilirubin Algorithm on the Management of Hyperbilirubinemia in Premature Infants < 35 Weeks Gestational Age

Javed Mannan, MD MPH; Lindsey Simoncini, MPH, University of Massachusetts Medical School/ UMASS Memorial Medical Center ; Heather White, BS MPH; Lawrence Rhein, MD MPH, University of Massachusetts Medical School/ UMASS Memorial Medical Center

284: Cord blood reticulocyte hemoglobin content as a marker of iron deficiency at birth

Geetika Kennady, MD, Nemours at Thomas Jefferson University Hospital; Rachel Huang, BA; Katherine Bodycot, BS, Sidney Kimmel Medical College; Brandy Firman, BSPH, BSDMS; Rupsa Boelig, MD, MS, Thomas Jefferson University Hospital; Zubair Aghai, MD, Nemours at Thomas Jefferson University Hospital

145: Impact of COVID-19 infection prevention measures on healthcare-associated infections in the Neonatal Intensive Care Unit

Michael Favara, DO, ChristianaCare; Sagori Mukhopadhyay, MD, University of Pennsylvania; Miren Dhudasia, MBBS, University of Pennsylvania; Mark Conaway, PhD, University of Virginia; Dustin Flannery, DO, University of Pennsylvania; Joern-Hendrik

Weitkamp, MD, Vanderbilt University Medical Center; Sarah Khan, MD, McMaster University; Kristin Weimer, MD PhD, Duke University Medical Center; Margaret Gilfallan, MD, Tower Health; Andrew Berenz, MD, Rush University Medical Center; Redjana Carciumaru, MSc, McMaster University; Milica Ivanovic, BS, Oregon Health and Sciences University; Ryley Guay, BS, Vanderbilt University Medical Center; Deborah Tuttle, MD, ChristianaCare; Pablo Sanchez, MD; Katia Halabi, MD, Nationwide Children's; Joseph Cantey, MD, UT Health San Antonio; Lakshmi Srinivasan, MD, University of Pennsylvania; David Kaufman, MD; Jaclyn Wiggins, MD, University of Virginia; Robert Schelonka, MD, Oregon Health and Sciences University; Kathryn Ziegler, DO, Jefferson Abington Hospital; Julie Wohrley, MD, Rush University Medical Center; Jose Rodriguez, MBA, Oregon Health and Sciences University; Rachelle Crisan, BS, Nationwide Children's

4:15 PM - 4: 45 PM

Diversity Award: Trainee and Faculty

Room: Columbus A/B (2nd Fl)

Moderators: Sripriya Sundararajan, Suhasini Kaushal

TRAINEE - 133: Blood Prime-Circuit Interplay Does Not Explain the Inflammogenic Effect of Extracorporeal Membrane Oxygenation in Pediatric Patients

Michelle Mejia, MD; Swosti Joshi, MD; Vilmaris Quinones Cardona, MD; Alison Carey, MD; Ogechukwu Menkiti, MD, St. Christopher's Hospital for Children/ Drexel University College of Medicine

FACULTY - 63: Multi-Omic Analysis Reveals Dynamic Peripheral T Cell Activation States in Extremely Premature Infants

Bunmi Olaloye, M.D., Yale University School of Medicine; Arne Gehlhaar, B.S, Yale School of Medicine; Weihong Gu, Ph.D; Chino Eke, B.S; Liza Konnikova, M.D PhD, Department of Pediatrics (Neonatology) Yale School of Medicine

5:00 PM – 6:30 PM

CONCURRENT ABSTRACT PRESENTATION SESSION III

Session 3A - Neonatology General

Room: Discovery A (3rd Fl)

Moderator: Arslan Arshad

312: NRP versus PALS, When to Switch? A Systematic Review

Uzma Iqbal, MD, University of Texas Medical Branch ; Maheen Farooq, MD, Staten Island University Hospital ; Utpal Bhalala, MD, Driscoll Children's Hospital

172: Factors associated with failure of initial non-invasive respiratory support in late preterm and term infants and its impact on outcomes

Bethany Hunt, BA, Rutgers, Robert Wood Johnson Medical School; Amy Parikh, MD, Nationwide Children's Hospital; Deepak Jain, MD, Rutgers, Robert Wood Johnson Medical School

135: Maternal Risk Factors Associated with Positive Neonatal Drug Toxicology

Hannah Pee, MD, Westchester Medical Center; Karen Hussein, MD; Prabhakar Kocherlakota, MD, New York Medical College

75: Non-Modifiable and Modifiable Risk Factors for Tracheostomy in Preterm Infants

Brandon Dudeck, MD; Wendy Sun, BA; Rose Viscardi, MD; Eunsung Cho, MD, University of Maryland School of Medicine

281: Continuous Hemodynamic Monitoring of Cardiac Output (CO) to Assess Extubation Readiness Characteristics in Very Low Birth Weight Infants

Nina DeBenedictis, MD; Edmund LaGamma, MD; Gad Alpan, MD, Westchester Medical Center/Maria Fareri Children's Hospital, NICU

241: Female infants with moderate to severe hypoxic ischemic encephalopathy have higher rates of brain injury on MRI

Priya Mishra, MD; Kiran Talekar, MBBS, MD, DABR, Thomas Jefferson University Hospital; Oluwatobi Adegboyega, MD, MPH, Nemours Children's Hospital/ Thomas Jefferson University; Eliza DeSantis, MD; David Carola, DO; Susan Adeniyi-Jones, MD; Kolawole Solarin, MD; Zubair Aghai, MD, Thomas Jefferson University Hospital

Session 3B - Allergy/Immunology/Nephrology

Room: Discovery B (3rd Fl)

Moderator: Julie Goodwin

45: Single cell analysis reveals insights into sex differences in mid-gestation placental immune development

Suganthinie Velagala, MD; Jessica Toothaker, PhD; Oluwabuni Olaloye, MD; Liza Konnikova, MD, Yale

195: Role of NK cells in circadian regulation of lung inflammation

Oindrila Paul, PhD; Kaitlyn Forrest, BS, Children's Hospital of Philadelphia; Amruta Naik, PhD, Children's Hospital of Philadelphia; Lora Assi, BS; Yasmine Isaah, BS; Shaon Sengupta, MD, MPH, Children's Hospital of Philadelphia

286: Probiotic Supplementation in Very Low Birthweight (VLBW) Infants: Effects on Systemic Immunity and Inflammation

Keisha Wolfe, DO, Medstar Georgetown University Hospital; Elizabeth Reznikov, DO, University of Washington; Michael Pippa, MD, Medstar Washington Hospital Center; Raymond Riley, RN, Medstar Georgetown University Hospital; Paul Kolm, PhD, MedStar Health Research Institute; Lewis Rubin, MD, Medstar Georgetown University Hospital

322: Differentially expressed genes of pulmonary immune cells in a rat model of chorioamnionitis induced by LPS

Saminathan Anbalagan, MBBS, MD, Thomas Jefferson University; Michael Babak, PhD, Nemours Children's Hospital; Anne Hesek, RLAT, AAS; Lisa Glazewski, MS; Deepthi Alapati, MD, MS, Nemours Children's Hospital

184: NLRP3 Inflammasome-deficient Neonatal Mice Treated with Antibiotics May be Protected from Escherichia coli Sepsis-induced Acute Cerebral Inflammation

Amrendra Singh, PhD; Atilade Adedeji, PhD; Maya Bhat, BS Cand.; Alexandra Khorasanchi, BS Cand., Stony Brook University; Joyce Lin, BS Cand.; Kelly Mackenzie, BS Cand., Stony Brook University; Esther Speer, MD, Stony Brook University

319: Suppression of the NLRP3-inflammasome may Improve Escherichia coli Sepsis-induced Renal inflammation

Joyce Lin, BS Cand.; Amrendra Singh, PhD; Atilade Adedeji, PhD; Alexandra Khorasanchi, BS Cand.; Maya Bhat, BS Cand.; Kelly Mackenzie, BS Cand.; Esther Speer, MD, Stony Brook University

Session 3C - Quality Improvement/Neonatology 2

Room: USS New Jersey (2nd Fl)

Moderator: *Ranjith Kamity*

42: Multi-disciplinary Quality Improvement Initiative To Increase Skin-to-skin Care Duration in Preterm Neonates

Palanikumar Balasundaram, MD; Melissa Frascone, MSN RNC-NIC CNE; Samantha Wnukowski, RN, BSN, RNC-NIC, The Children's Hospital at Montefiore; Alana G. Murphy, Masters of Science, Albert Einstein College of Medicine; Jillian Connors, MD, FAAP, The Children's Hospital at Montefiore

84: Positioning-Focused Quality Improvement Initiative to Improve Motor Outcomes in Preterm Infants ≤ 32 6/7 Weeks in a Level IV Neonatal Intensive Care Unit

Giselle Gozum, MD; Priyanka Tiwari, MD; Aida Osis,

DPT; Elana Siegel, MSOT; Jeffrey Perلمان, MBChB, NewYork-Presbyterian Weill Cornell

82: Increasing Kangaroo Care in a Level IV Neonatal Intensive Care Unit: A Quality Improvement Initiative

Giselle Gozum, MD; Emily Ahn, MD; Rebecca Miller, MD; Tricia Budway, RN; Kristen Fucillo, RN; Nena Osorio, MD; Emily Echevarria, MD, NewYork-Presbyterian Weill Cornell

31: Sixty Golden Minutes: A Golden Hour Bundle for High-Risk Preterm Infants

Justin Kotliar, MD; Priyanka Tiwari, MD; Yafa Davydova, MD; Brienne Lubor, MD; Christine Karotseris, MSN, BSN; Jane Taikina, BSN; Cailinn Connolly, BSN; Elizabeth Farra, NNP; Laura Milless, NNP; Vivien Yap, MD; Lauren Blatt, MD, Weill Cornell Medicine

33: Quality Improvement Project to decrease Unplanned Extubations Utilizing Simulation and Visual Tools in a Level IV Neonatal Intensive Care Unit

Hamza Abbasi, MD; Ashley Kern, RN; Pamela Orbank, RT; Deepali Handa, MD, University at Buffalo

342: "I've Got A Golden Ticket": A NICU Quality Improvement Initiative

Meriam Avades, MD, BronxCare Health System; Sagar Bhandary, MD FAAP, Icahn School of Medicine at Mount Sinai; Serena A. Harris, MS; Patrick Sodeke, MD, MPH, BronxCare Health System; Barbara K. Russell, DO, Icahn School of Medicine at Mount Sinai

Session 3D - Neonatal Cardio-Pulmonary 2

Room: Innovation A (3rd Fl)

Moderator: *Edward Hurley*

103: Airway protein expression of Thrombospondin-1 and susceptibility to BPD in extremely low birth weight (ELBW) infants

Parvathy Krishnan, MBBS, Westchester Medical Center; Van Trinh, BA, New York Medical College; Lance Parton, MD, Maria Fareri Children's Hospital at Westchester Medical Center

168: Cerebral autoregulation impairment in the post-operative period is associated with post-operative length of stay in single ventricle neonates after first surgical palliation

Theiju Sebastian, MD, Columbia University; Nimrod Goldshtrom, MD; Joseph Isler, PhD; Ganga Krishnamurthy, MD, Columbia University; Diana Vargas, MD, Columbia University

259: Are Tensin 1 Genetic Variants Associated With PDA In ELBW Infants?

Sanjana Arsha, BA; Van Trinh, BA, New York Medical College; Lance Parton, MD, Div Newborn Medicine/Pediatrics, MFCH at WMC

245: Circulating extracellular vesicle microRNA associated with bronchopulmonary dysplasia susceptibility in preterm infants.

Shaili Amatya, MD; Roopa Siddaiah, MD; Vonn Walter, PhD; Zissis Chronos, PhD, Penn State College of Medicine

96: Observational Pilot Study to Evaluate Ed Metrics Pre- and Post-Initiation of Caffeine

Sarah Fleishaker, MD; Sean Bailey, MD; Tatiana Nuzum, MB BCh BAO; Pradeep Mally, MD, Hassenfeld Children's Hospital at NYU Langone

325: Delay the clamping of the cord for two hours? - You got to be kidding me - totally unphysiological!

Mausma Bawa, MD, Boston Children's Hospital, Harvard University; Sylvia Gugino, MA; Justin Helman, MA; Nicole Bradley, VTAAS; Lori Nielsen, MS; Arun Prasath, MD; Clariss Blanco, MD; Mary Divya Kasu, MD; Hamza Abbasi, MBBS; Munmun Rawat, MD; Praveen Chandrasekharan, MD, MS, Jacobs School of Medicine and Biomedical Sciences at the University at Buffalo

Session 3E - Neurodevelopment

Room: Innovation B (3rd Fl)

Moderators: *Eliza Muniz, Elizabeth Yen*

51: Morbidity and neurodevelopmental outcomes at 2 years in preterm infants undergoing percutaneous transcatheter closure vs. surgical ligation of the PDA

Maria Cristina Fernandez Ramos, MD; Amy Reichlin, MD; Jordan Kase, MD; Joseph Giamelli, MD, Westchester Medical Center

92: Early Identification of Autism in a High-risk Preterm Infant Population

Lindsay Hart, MD; Veronika Shabanova, PhD; Angela Montgomery, MD, Yale University School of Medicine

289: Maternal ACEs, Resilience, and Infant Developmental Milestones during 1st Year of Life

Hsiao-wei Banks, BA, Cooper Medical School of Rowan University; Leslie Abraham, MD, Penn State Children's Hospital; Krystal Hunter, PhD, MBA, Cooper University Health Care; Alla Kushnir, MD, Cooper Medical School of Rowan University

175: Cross-reactivity of labetalol with fentanyl on urine immunoassay

Maheen Farooq, MD; Jonathan Blau, MD; Priyadarshani Giri, MD; Phillip Roth, MD, PhD, Staten Island University Hospital

107: Impact of severity and age at diagnosis of bronchopulmonary dysplasia (BPD) on neurodevelopmental outcomes in preterm infants

Jack Donlon, BS, Cooper Medical School of Rowan University; Vishwanath Bhat, MD, Cooper University Healthcare; Krystal Hunter, MBA, Cooper Research Institute; Alla Kushnir, MD; Vineet Bhandari, MD, Cooper University Healthcare

70: Is More Screen Time Associated with Poorer Health in Children with Autism?

Mollie Lobl, MD, Children's Hospital at Montefiore; Ellen J. Silver, PhD, The Children's Hospital at Montefiore; Elisa Muniz, M.D.; Blanche Benenson, M.D., Children's Hospital at Montefiore; Ruth EK Stein, M.D., The Children's Hospital at Montefiore

Session 3F - Community Health/DEI

Room: Innovation C (3rd Fl)

Moderator: *Rubia Khalak*

154: Depression Among Adolescents with Asthma During COVID-19 Pandemic in Two Urban Multiethnic Community Hospitals

Milton Morales Luzuriaga, M.D.; Jeremy V. Jovellanos, M.D.; Ashley Hiza, M.D., Flushing Hospital Medical Center; Rohan G. Gulati, M.S., Cincinnati Children's Hospital Medical Center; Lily Q. Lew, M.D., Flushing Hospital Medical Center; Partha Chatterjee, M.D., Jamaica Hospital Medical Center; Barbara Ponienan, M.D.; Won Baik-Han, M.D., Flushing Hospital Medical Center

104: In hospital Outcomes and Socioeconomic Disparities of Hospitalized Infants with covid-19- A Nationwide Analysis

Parvathy Krishnan, MBBS; Aaqib Malik, MD MPH; Ameesh Isath, MBBS; Dhruvajyoti Bandyopadhyay, MD; Akshay Goel, MD; Lance Parton, MD; Meenakshi Singh, MBBS, Westchester Medical Center

230: Negative social determinants of health: Association with adipokine levels during pregnancy

David Harary, MSc, Albert Einstein College of Medicine; Kerly Guerrero, MD, Montefiore/Albert Einstein college of Medicine; Ayodele Akinyemi, Ph.D.; Natasha Chaudhari, B.S.; Xiu-Quan Du, B.S., M.S.; Maureen Charron, BA, MA, MPhil, PhD, Albert Einstein College of Medicine; Mamta Fuloria, MD, The Children's Hospital at Montefiore

57: Does maternal mental illness influence mode of delivery?

Sarah M. Sanchez, MD; Kriti Damodaran, MBBS, Maria Fareri Children's Hospital at Westchester Medical Center; Shetal Shah, MD, Maria Fareri Children's Hospital at Westchester Medical Center; Rachel C. Feurstein, MPH;

Clare Giblin, BSN, Maria Fareri Children's Hospital at Westchester Medical Center; Elissa Dunlap, DO, Maria Fareri Children's Hospital at Westchester Medical Center; Heather Brumberg, MD, MPH, Maria Fareri Children's Hospital at Westchester Medical Center

293: Diagnosis without treatment: Predictors of disparities in child mental health access

Stacey Bevan, MA, RN; Ying Dai, MSN; Jianghong Liu, PhD, RN, University of Pennsylvania

68: Screening for Chronic Diseases During Preconception Care by Race and Ethnicity

Elissa Dunlap, DO; Kriti Damodaran, MD; Sarah Sanchez, MD, Westchester Medical Center

Session 3G - Infectious Disease

Room: Admiral's Quarters (1st Fl)

Moderator: Carlos Olivera

301: CLABSI Zero for 2years in a level 4 NICU using QI methodology, multidisciplinary team approach and visual tools.

Deepali Handa, MD, MBA, University at Buffalo

88: Analysis of Maternal Syphilis and Congenital Syphilis (CS) Rates at a New Jersey University Hospital

Paige Heiman, MD Candidate, Cooper Medical School of Rowan University; Vineet Bhandari, MD, DM, Children's Regional Hospital at Cooper; Sarah Davenport, MD, MS, Rowan University; Krystal Hunter, PhD, MBA; Melissa Micallef, MD, Cooper Medical School of Rowan University; Alla Kushnir, MD, Children's Regional Hospital at Cooper

282: Predicting Individual Volume of Distribution and Clearance of Gentamicin in Neonates

Mane Sargsyan, MD, Brookdale University Hospital and Medical Center - Brooklyn, NY; Dushyant Mukkamala, MD, Department of Pediatrics, Yale University - New Haven, CT; Min Ji Kim, MD; Roger Kim, MD; Fernanda Kupferman, MD, Brookdale University Hospital and Medical Center - Brooklyn, NY

43: Timing and Risk factors associated with Acute Kidney Injury (AKI) in infants with Necrotizing Enterocolitis (NEC)

Geethanjali Lingasubramanian, MD, Rutgers, Robert Wood Johnson Medical School; Christina Eva Hum, MSE, Cooper Medical School of Rowan University; Krystal Hunter, PhD, MBA, Cooper Medical School of Rowan University; Rajeev Mehta, MD, Rutgers, Robert Wood Johnson Medical School; Vineet Bhandari, MD, The Children's Regional Hospital at Cooper

248: ARE UMBILICAL CORD BLOOD CULTURES USEFUL IN THE DIAGNOSIS AND MANAGEMENT OF INFANTS AT RISK FOR EARLY ONSET SEPSIS?

Emily Murray, BSN; Maria Mattioli, MSN; Devon Rauscher, BSN; Dorothy McElwee, MSN; Alexandra Webb, MSN; Moira Winstanley, MSN, Thomas Jefferson University Hospital; David Carola, DO; Zubair Aghai, MD, Nemours at Thomas Jefferson University Hospital

6:30 PM – 8:00 PM

Poster Session II & Reception | Exhibit Hall

Room: Grand Ballroom (2nd Fl)

Moderators: Julie Goodwin, Krithika Lingappan, Prabhakar Kocherlakota

QI

Poster 33: Abstract 307: Improving Communication in Neonatal Emergencies by Establishing a Neonatal Resuscitation Team (NRT) in a Community Hospital setting

Johanna Calo, MD; Priyanka Tiwari, MD, Weill Cornell Medical Center; Lyubov Osagie, RN, New York Presbyterian Lower Manhattan Hospital; Aimee Parow, MD, Weill Cornell Medical Center; Barbara Alba, RN, PhD, New York Presbyterian Lower Manhattan Hospital; Cynthia Isedeh, DO; Carolyn Ochoa, MD, Weill Cornell Medical Center; Bridget O'Hara, PA, New York Presbyterian Lower Manhattan Hospital; Margaret Darko, BA, Weill Cornell Medical College; Szilvia Nagy, MD; Julia Cron, MD; Snezana Osorio, MD MS, Weill Cornell Medical Center

Poster 34: Abstract 29: Reducing delays in starting and stopping phototherapy in the newborn nursery

Andrew Beverstock, MBChB; Lily Rubin, DO, NYU Langone Long Island Hospital; Estela Noyola, DO, NYU Langone Hospital Long Island

Poster 35: Abstract 240: Improving Comprehensive Enteral Feeding Handling Processes in a Level 4 NICU: A Quality Improvement Project

Gurpreet Kaur, MD, NYU Langone Health; Samantha Alessi, MSN, RNC-NIC, CLC, ACCNS-N; Jennifer Rengifo, MSN, RN, CNL; Purnahamsi Desai, MD; Caroline Steele, MS, RD, IBCLC, FAND, NYU Langone Medical Center

Poster 36: Abstract 159: Sustainability of an Innovative Resident led Quality Improvement Curriculum

Rabail Jarwar, MD; Mayssa Abuali, MD; Sofia Chang Escobar, MD; Afaf Ahmed, MD; Reymundo Bisarini, MD; Khang Nguyen, MD; Shaquavia Hardy, MD; Ali Abdelhafiz, MD, Einstein Medical Center

Poster 37: Abstract 212: Multiple interventions as part of Necrotizing Enterocolitis Quality Improvement Effort

Benedict William, BS; Melissa Micallef, MD, Cooper Medical School of Rowan University; Krystal Hunter, PhD, MBA, Assistant Professor/Biostatistician; Vineet Bhandari, MD, DM; Kushnir Alla, MD, The Children's Regional Hospital at Cooper

Poster 38: Abstract 341: Lactation Advocacy Through Continuous Help (LATCH) Program: Part of the Ongoing Mother's Own Milk (MOM) QI Initiative

Jamie Harkey, MS, MD Candidate; Margriet VanDerwerker, MD Candidate, Albany Medical College; Bryar Knox, RN, IBCLC; Cheryl Dunton, RN, Bernard and Millie Duker Children's Hospital, Albany Medical Center; Madison Dwyer, MD Candidate, Albany Medical College; Kate Tauber, MD, MA, Bernard and Millie Duker Children's Hospital, Albany Medical Center

Poster 39: Abstract 338: Introducing dextrose gel in conjunction with feeding to treat asymptomatic hypoglycemia in high risk newborn group

Shafa Eloud, MD, MetroHealth System; Muhanad Bensaleem, MD; Aimary Marino, MD; Meriam Avades, MD; Saranya Radhakrishnan, MD, BronxCare Health System; Pratibha Ankola, MD DCH, Icahn School of Medicine at Mount Sinai

Poster 40: Abstract 251: Reducing Duration of Empiric Antibiotic Therapy for Neonatal Early Onset Sepsis Evaluations in the NICU

Daniela Di Caro, DO; Yan Nuzbrokh, MD; Alby Jacob, PharmD; Denise Iacono, PharmD; Alpna Aggarwal, DO, Northwell Health

Poster 41: Abstract 47: Improving Early Human Milk Fortification on Infants <1500g

Josh Daniel, DO; Bethany Jung, RD CNSC; Shakuntala Chandra, MD, Saint Peters University Hospital

Poster 42: Abstract 171: Understanding Caregiver Perspectives on Kangaroo Care in the NICU

Rebecca Miller, MD, MSc; Emily Ahn, MD; Giselle Gozum, MD; Kristen Fuccillo, MSN; Tricia Budway, MSN, RN, CPNP, CLC, NewYork-Presbyterian Komansky Children's Hospital; Charlene Thomas, Masters of Science, Weill Cornell Medicine; Snezana Nena Osorio, MD, MS, Weill Cornell Medical College; Emily Echevarria, MD, Weill Cornell Medicine

Poster 43: Abstract 320: Improving Post-Operative Patient Information Transfer from Surgery/Anesthesia to the Pediatric Intensive Care Unit

Ashley Woodford, Bachelor of Science, Cooper Medical School of Rowan University; Kay Allen Eddington, MD, MSc, FAAP; Alla Kushnir, MD, FAAP, Cooper University Hospital

Poster 44: Abstract 109: Reducing Time to Antibiotic Administration in Patients with Sickle Cell Disease and Fever

Shaheen Andreas, DO; Eric Hoppa, MD, UCONN/Connecticut Children's

Neonatal Neurology

Poster 45: Abstract 142: Association of Brain Lesions and Time to Full Enteral Feeding Post Whole Body Therapeutic Hypothermia for Hypoxic Ischemic Encephalopathy

Kelcy McIntyre, BS; Praveen Chandresekharan, MD, MS, Jacobs School of Medicine and Biomedical Sciences

Poster 46: Abstract 302: Bacterial Meningitis in a Quaternary NICU: A Multiyear Retrospective Study

Olivia O'Hearn, University of Pennsylvania; Lakshmi Srinivasan, MBBS MTR; Matt Devine, BSc; Mary Cay Harris, MD, Children's Hospital of Philadelphia

Poster 47: Abstract 40: The Impact of Prenatal Opioid Exposure on Regional Brain Volumes within the Dopaminergic Pathways

Marie Sasaki, MD; Giselle Castro, BS; Neel Madan, MD, Tufts Medical Center; Alice Graham, PhD, Oregon Health & Science University; Lucille Moore, PhD, BS, University of Minnesota Masonic Institute for the Developing Brain; Elizabeth Yen, MD, Tufts Medical Center; Tomo Tarui, MD, Hasbro Children's Hospital

Poster 48: Abstract 242: Does in-utero exposure to Selective Serotonin Receptor Inhibitors (SSRI) affect severity of Neonatal Opioid Withdrawal Syndrome (NOWS)?

Saminathan Anbalagan, MBBS, MD; Victoria Anderson, MS, Thomas Jefferson University; Michael Favara, DO, ChristianaCare; Daniela Stark, MD, NYU Langone; David Carola, DO; Kolawole Solarin, MD; Susan Adeniyi-Jones, MD; Zubair Aghai, MD, Thomas Jefferson University

Poster 49: Abstract 149: Effect of Reading to Preterm infants on Measures of Cerebral Regional Oxygen Saturation (CrSO₂) in the NICU

Jennifer Pak, MD; Kabir Abubakar, MD, MedStar Georgetown University Hospital

Poster 50: Abstract 113: Short term outcomes of infants with acidotic cord gas with benign neurological exam at birth

Ana Alvarez Pagan, MD; Juhi Motiani, MD; Catherine Hahn, MD; Tara Lozy, Research Biostatistician; Ariel Sherbany, MD; Rakesh Chhabra, MD; Marwa Khalil, MD, Hackensack University Medical Center

Case Report-Newborns

Poster 51: Abstract 272: Challenges with oral feeding in infants treated for neonatal abstinence syndrome

Alexander Grafstrom, BS, Cooper Medical School of Rowan University; Natasha Duggal, DO, Cooper University Hospital, Department of Pediatrics; Alla Kushnir, MD, Cooper University Hospital, Department of Pediatrics, Division of Neonatology

Poster 52: Abstract 352: Acute respiratory collapse in a COVID positive neonate with Gastroschisis

Gurpreet Kaur, MD, NYU Langone Health; Michelle Vaz, MD, NYU Grossman School of Medicine

Poster 53: Abstract 327: A case for timely genetic testing in a newborn with hypoxemic respiratory failure

Balaji Sutharsanam, MD; Manan Shah, MD, Rutgers - Robert Wood Johnson Medical School

Poster 54: Abstract 311: Neonatal Seizure-Like Activity After Birth due to Hyperekplexia, a Rare Startle Syndrome

Karen Hussein, MD, Boston Children's Health Physicians, Maria Fareri Children's Hospital at WMC, NY Medical College; Amelie Bottex-Newton, DO; Kriti Damodoran, MD, Maria Fareri Children's Hospital at Westchester Medical Center; Jordan Kase, MD, Boston Children's Health Physicians, Maria Fareri Children's Hospital at WMC, NY Medical College; Panagiota Tziolis, NNP, Maria Fareri Children's Hospital at Westchester Medical Center

Poster 55: Abstract 305: Refractory Neonatal Seizures

Kim Beatty, MD; Katherine Nyman, MD; Francesca Okolie, DO, University of Maryland School of Medicine

Poster 56: Abstract 330: Diagnosis of Neonatal Pseudo-Zellweger Uncovered by Home Genetic Test

Mary Divya Kasu, MD, Jacobs School Of medicine; Zeyar Htun, DO, NYU Long Island School Of Medicine; Pedro Rivera-Hernandez, MD, Jacob's School Of Medicine

Poster 57: Abstract 71: What is essential is invisible to the eyes: Electroclinical seizures in a newborn

Ruth Vela-Sosa, MD; Crhistian Toribio-Dionicio, MD, NYMC Metropolitan Hospital; Maite La Vega, MD, Kravis Children's hospital; Hakkim Ansi, MD, NYMC Metropolitan Hospital

Poster 58: Abstract 267: Neonatal presentation of Phelan-McDermid syndrome

Selina Bowler, DO; Berrin Monteleone, MD; Zeyar Htun, DO, NYU Langone Hospital - Long Island

Poster 59: Abstract 203: HEMATOCHEZIA AND PNEUMATOSIS INTESTINALIS IN A TERM INFANT: IS THIS NECROTIZING ENTEROCOLITIS (NEC)?

Margarita Suarez, MD; Jayashree Ramasethu, MD FAAP, Medstar Georgetown University hospital

Poster 60: Abstract 102: Decreased Fetal Movement...A Foreshadowing of Congenital Myopathy

Noor Mehandi, MBBS; Hamza Abbassi, MD, Jacobs School of Medicine, University at Buffalo, NY; Zeyar Htun, DO, NYU Langone Hospital - Long Island

Poster 61: Abstract 262: COVID-19 infection in a mono-mono preterm twin B with cardiac dextroposition and unilateral pulmonary aplasia

Yanira Ortega, MD; Jonathan Blau, MD, Staten Island University Hospital

Poster 62: Abstract 268: Staphylococcus pasteuri Neonatal Sepsis

Tashalee McGrath-Blagrove, MBBS; Lily Q. Lew, M.D.; Esra Fakioglu, M.D., Flushing Hospital Medical Center

Poster 63: Abstract 310: Congenital Cataracts and Severe Persistent Metabolic Acidosis in an Extremely Preterm ELBW Neonate with Hemodynamically Significant PDA

Nina DeBenedictis, MD; Jane Hedrick, FNP; Karen Hussein, MD, Westchester Medical Center/Maria Fareri Children's Hospital, NICU

Poster 64: Abstract 231: A Diagnostic Dilemma Presenting as Hepatic and Cardiac Failure

Parvathy Krishnan, MBBS, Westchester Medical Center; Hannah Pee, MBBS; Boriana Parvez, MD, FAAP, FRCPC, IBCLC, Maria Fareri Children's Hospital/ Westchester Medical Center; Melanie Leong, MD, MS, FAAP, Maria Fareri Children's Hospital/ Westchester Medical Center

Poster 65: Abstract 205: A Late Preterm Infant with Multiple Congenital Anomalies: An Eye Opening Experience from a Neonatal Unit

Zara Ilahi, MD; Javed Mannan, MD, University of Massachusetts

Poster 66: Abstract 237: Unilateral congenital glaucoma- when the eyes are the windows to the genes

Gurpreet Kaur, MD, NYU Langone Health; John Pappas, MD; Robert Angert, MD; Pradeep Mally, MD, Dch, FAAP, NYU Langone Medical Center/Bellevue Hospital Center

Poster 67: Abstract 138: Extrauterine Growth Restriction in Neonates Born at a New Jersey Level III Neonatal Intensive Care Unit

Sarah Davenport, MD, Rowan University; Kelsey Murray, BA, Cooper Medical School, Rowan University; Vineet Bhandari, MD; Alla Kushnir, MD, Rowan University; FNU Rhythm, MD, Rutgers University

Sunday, March 12, 2023

7:30 AM – 9:00 AM

Continental Breakfast | Exhibit Hall | Poster Session III
Room: Grand Ballroom (2nd Fl)

Moderators: *Sharon Smith, Ed Hurley, Arslan Arshad*

Adol/ER/PCCM

Poster 68: Abstract 66: Adolescents Thoughts on The Dangerous Side Effects of Social Media Challenges

Shaheen Andreas, DO, UCONN/ Connecticut Children's; Ryan Sorkin, MD; Katherine Bohner, Student, UCONN; Sharon Smith, MD; Ruchika Jones, MD, UCONN/ Connecticut Children's

Poster 69: Abstract 49: A Summer of Fevers & Fussiness: 18 Infants Admitted with Parechovirus Meningitis

Sarah Calardo, DO, Nemours Children's Hospital, Delaware; Niketa Raj, BS, Sidney Kimmel Medical College; Jonathan Miller, MD; Claire Loiselle, BA; Holli Zerhusen, BS; Adil Solaiman, MD, Nemours Children's Hospital Delaware

Poster 70: Abstract 337: Is obtaining a urinalysis necessary in the evaluation of prepubertal males presenting to the Emergency Department with testicular pain?

Edgar Flores, MD; Sharon Smith, MD, Connecticut Children's Medical Center

Poster 71: Abstract 148: Firearm Safety Counseling During Developmental Behavioral Pediatrics Visits: Targeted Interventions for a High Risk Population

Noy Halevy-Mizrahi, MD; Yaa Asante, MBChB; Chethan Sathya, MD, MSc; Ruth Milanaik, DO; Jane Cerise, PhD, MS, Northwell Health- Cohen Children's Medical Center; Alyson Gutman, MD, New York-Presbyterian Weill Cornell Medical Center

Poster 72: Abstract 65: Emergency Department (ED) Presentations of Children Less than 5 years old During the Hot-dry Season in Kumasi, Ghana

Sanna Alas, MPhil, Columbia University Vagelos College of Physicians and Surgeons; Justice Sylverken, MD, Kwame Nkrumah University of Science and Technology/ Komfo Anokye Teaching Hospital; Irene Frantzis, MBBS, MSc, Columbia University Irving Medical Center; Jane Baldwin, PhD; Haley Staudmyer, PhD Candidate, University of California, Irvine; Maitry Mahida, MPH; Luis Alba, BS, Columbia University Irving Medical Center; Robbie Parks, PhD, Columbia University; Lawrence Stanberry, MD, PhD; Lisa Saiman, MD, MPH, Columbia University Irving Medical Center

Poster 73: Abstract 188: Effects of dexmedetomidine and benzodiazepines compared to benzodiazepines alone in the management of anticholinergic delirium in patients admitted to pediatric intensive care unit after anticholinergic drug overdose
Gul Sher, MBBS; Craig Heise, MD; M'hamed Temkit, PhD; Michele Munkwitz, MD; Todd Kociancic, PharmD, Phoenix Children Hospital

Poster 74: Abstract 123: Characteristics of Respiratory Syncytial Virus in Children Aged 0-5 Years Before and During COVID-19 Pandemic in an Urban Multiethnic Community Hospital

Jose Boris Trigueros Montes, M.D., Flushing Hospital Medical Center; Diego Montes, AS, Baylor University; Lily Q. Lew, M.D.; Won Baik-Han, M.D.; Gagan Gulati, M.D., Flushing Hospital Medical Center

Poster 75: Abstract 41: How has COVID affected bullying?

Sharan Mirchandani, MD; Chinonso Asinugo, MD, SBH Health System; David Rubin, MD, CUNY School of Medicine; Jasmine Jackson, MD; Janine Adjo, MD, SBH Health System

Poster 76: Abstract 90: Presentation of Pediatric Patients in Emergency Department During COVID-19 Omicron Wave in Two Multiethnic Community Hospitals

Lochana KC, MBBS; Toshihide Kuroe, M.D.; Ariela Valdez Holguin, M.D.; Bipashna Malla, MBBS; Neelam

Neupane, MBBS, Flushing Hospital Medical Center; Kelly L Cervellione, MPhil, Jamaica Hospital Medical Center; Lily Q. Lew, M.D.; Won Baik-Han, M.D.; Gagan Gulati, M.D., Flushing Hospital Medical Center

Poster 77: Abstract 127: The Impact of COVID-19 on the Rate, Treatment, and Outcomes of Adolescents with Acute Appendicitis

Kelly George, BS, University of Connecticut; J. Leslie Knod, MD, Connecticut Children's Medical Center; Sharon Smith, MD, UConn/CT Children's

General Pediatrics and Public Health

Poster 78: Abstract 93: Peanut Allergy and Anaphylaxis in Children and Adolescents in an Urban Multiethnic Community Hospital

Sandy Ma, M.D.; Ronique Gordon, MBBS; Leidi Pedraza Gonzalez, M.D.; Tayyaba Wajih, M.D.; Lily Q. Lew, M.D.; Won Baik-Han, M.D., Flushing Hospital Medical Center

Poster 79: Abstract 108: Pediatric primary care clinician-reported knowledge gaps and attitudes in caring for children with intrauterine opioid exposure

Jessica Rohde, MD, MPH, Nemours Children's Hospital, Delaware; Barbara Chaiyachati, MD, PhD, Children's Hospital of Philadelphia, University of Pennsylvania; Neera Demharter, MD, Penn State Children's Hospital; Christina Dorrian, DO, Nemours Children's Hospital, Delaware; Emily Gibbons, MD, Penn State Children's Hospital; Emily Gregory, MD, MHS, Children's Hospital of Philadelphia; Olivia Larkin, MD, MassGeneral Hospital for Children; Jennifer McAllister, MD, Cincinnati Children's Hospital; Elisabeth McGovern, MD, Children's Hospital of Philadelphia; Serra Muftu, BS, MassGeneral Hospital for Children; Fateh Peera, MD, Kirk Kerkorian School of Medicine at UNLV; Jessica Ratner, MD, Johns Hopkins School of Medicine; Davida Schiff, MD, MSc, Mass General Hospital; Aaron Shedlock, MD, Penn State Health Children's Hospital; Katherine Shedlock, MD, Penn State Health; Erica Sibinga, MD, MHS, Johns Hopkins University School of Medicine; Neera Goyal, MD, MSc, Nemours Children's Hospital, Delaware

Poster 80: Abstract 101: Large for Gestational Age Infants and Body Mass Index at Age Five Years in a Multiethnic Community Hospital

Ariela Valdez Holguin, M.D.; Neelam Neupane, MBBS; Lochana KC, MBBS; Shirley Pinero-Bernardo, M.D.; Lily Q. Lew, M.D.; Ashley Hiza, M.D.; Gigliola Dolmaian, M.D., Flushing Hospital Medical Center

Poster 81: Abstract 121: (Mis)information Regarding Sexual Health and Birth Control in a Post-Roe U.S.A.

Fiona Dubrosa, BS BA; Kara Sangiuolo, BA; Ananya Terala, N/A; Elaine Cheng, N/A; Abhijeet Grewal, BS; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

Poster 82: Abstract 114: Preying on Parents: Analyzing Deceptive Marketing and Ineffective Disclaimers on Infant Sleep Products

Kara Sangiuolo, BA; Fiona Dubrosa, BS BA; Abhijeet Grewal, BS; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

Poster 83: Abstract 235: Timeliness of Pediatric Consults in a Single Tertiary Institution: Does clinical venue or subspecialty matter?

Abeer Islam, MD; Cynthia Chang, MD; Indu Pathak, MD; Philip Roth, MD, PhD, Staten Island University Hospital - Northwell Health

Poster 84: Abstract 94: Vitamin D and Anemia in Children and Adolescents in an Urban Multiethnic Community Hospital

Kalliopi Konstantinopoulou, M.D.; Nimisha Mathur, MBBS; Anusree Unnikrishnan, MBBS; Bipashna Malla, MBBS; Lily Q. Lew, M.D., Flushing Hospital Medical Center

Poster 85: Abstract 209: Comparing the Epidemiology of COVID-19 with other Common Respiratory Viruses in Pediatric Patients

Yash Shah, MD, Saint Peter's University Hospital

Case Reports: Potpourri

Poster 86: Abstract 78: Right Hip Pain in an Adolescent: An Unusual Presentation of a Common Condition

Hector Zelaya, DO; Monica Hannah, MD; Asif Noor, MD, NYU Langone Long Island School of Medicine

Poster 87: Abstract 297: Respiratory Decompensation in MIS-C Intervention: A Unforeseen Sequela History

Hector Zelaya, DO; Lily Rubin, DO; Andrew Beverstock, MD; Marguerite Canter, MD, NYU Langone Long Island School of Medicine

Poster 88: Abstract 221: Late onset diaphragmatic hernia: a forgotten etiology of recurrent vomiting in the adolescent population

Mojdeh Habibi Zoham, Resident; Koren Hyogene Kwag, Pediatrics Resident; Sebron Harrison, surgery specialist; Brande Brown, Pediatrics; Ariel Brandwein, Pediatric

intensive care specialist ; Andy Sohn, Surgery resident, New York Presbyterian Brooklyn Methodist Hospital

Poster 89: Abstract 30: Adolescent male with Fanconi-Bickel syndrome and mosaic 18q deletion syndrome

Kanza Baqai, M.B.B.S; Eduardo Perelstein, M.D., M.P.H., Weill Cornell Medicine; Juhi Kumar, M.D., M.P.H., University of Pittsburgh; Isabel Reckson, R.D., C.D.E.; Jennifer Bassetti, M.D.; Surya V. Seshan, M.D.; Oleh Akchurin, M.D., Ph.D., Weill Cornell Medicine

Poster 90: Abstract 233: A case of a 21-month old with periorbital edema and microcytic anemia

Maheen Farooq, MD; Aybike Aydin, MD; Cornish Anna, DO; Eleny Romanos-Sirakis, MD, Staten Island University Hospital

Poster 91: Abstract 229: Drug testing in the wake of marijuana legalization a comparison of clinical presentations.

Aviva Dworkin, MD, Staten Island University Hospital-Northwell Health; Juliann Paolicchi, MD, Northwell Health; Megan Khariton, DO; Dana Kaplan, MD, Staten Island University Hospital-Northwell Health

Poster 92: Abstract 160: Aseptic Meningitis as an Initial Presentation of Sjögren Syndrome

Evangelos Katsanos, D.O.; Jenny Mai, M.D.; Katharine Wallen, M.D., INOVA Children's Hospital

Poster 93: Abstract 110: Purulent Pericarditis due to Non-Typeable Haemophilus influenzae in a Pediatric Patient

Laaibah Ejaz, MBBS, SUNY Upstate Medical University; Clara El Nakib, MD; Irene Cherrick, MD; Leonard Weiner, MD; Angela Wratney, MD, SUNY Upstate Medical University

Case Reports: Infants

Poster 94: Abstract 332: Ecthyma Gangrenosum in a Healthy 5 Month Old Female

Ooha Kambhampati, DO; Mohammed Malik, MD; Marguerite Canter, MD, NYU Langone Hospital - Long Island

Poster 95: Abstract 200: A Case of Nursemaid's Elbow as a Sentinel Injury: an under identified presentation of a common pediatric condition

Lisa Torre, DO; Dana Kaplan, MD, Northwell Health - SIUH

Poster 96: Abstract 108: I (Do Not) Spy with my Little Eye: A Case of Unrecognized Occult Trauma in an Infant

Katarzyna Stoj, MD; Monica Beshara, MD; Dana Kaplan, MD, Staten Island University Hospital

9:00 AM – 10:15 AM

Plenary Session III

Room: Columbus A/B (2nd Fl)

9:00 AM – 9:15 AM

PRESENTATION OF AWARDS

Moderator: *Jayasree Nair*

9:15 AM - 9:30 AM

SPR Opportunities for Collaboration and Engagement - Kate Ackerman

Moderator: *Heather Brumberg*

9:30 AM – 10:15 AM

Firearm Injury Prevention: Advancing the Science and Advocating for Change

Lois K. Lee, MD, MPH, Associate Professor of Pediatrics and Emergency Medicine, Harvard Medical School, Lead author of recent AAP Policy and Technical report on firearm injury prevention

Moderator: *Heather Brumberg*

10:15 AM – 10:30 AM

Coffee Break | Exhibit Hall

Room: Grand Ballroom (2nd Fl)

10:30 AM – 12:30 PM

CONCURRENT ABSTRACT PRESENTATION SESSION IV

Session 4A - Neurology

Room: Innovation A (3rd Fl)

Moderator: *Vivien Yap*

62: The effect of using dexmedetomidine versus morphine as sedation on the long-term neurodevelopmental outcomes of infants with neonatal encephalopathy undergoing therapeutic hypothermia.

Tatiana Nuzum, MB BCh BAO, NYU Langone Health; Sadaf Kazmi, MD; Elena Wachtel, MD MPH, NYU Langone Health, NYCH+H Bellevue Hospital

196: Does Whole Body Cooling Lead to Better Outcomes Compared to Selective Head Cooling in Infants with Hypoxic Ischemic Encephalopathy?

Oluwatobi Adeghoyega, MD, Thomas Jefferson University Hospital; Priya Mishra, MD; Eliza Desantis, MD; David Carola, DO, MSHQS, Sidney Kimmel Medical College at Thomas Jefferson University; Dorothy McElwee, MSN, NNP, The Nemours Foundation; Kiran

Talekar, MBBS, MD, DABR, Sidney Kimmel Medical College at Thomas Jefferson University; Kolawole Solarin, MD, Nemours Alfred I. duPont Hospital for Children/Thomas Jefferson University Hospital; Susan Adeniyi-Jones, MD; Zubair Aghai, MD, Sidney Kimmel Medical College at Thomas Jefferson University

346: Prematurity-induced cerebellar injury in human: unbiased, rigorous neuropathology using cloud-based artificial intelligence

Abhya Vij, MD, Boston Children's Hospital and Boston Medical Center; Georgios Sanidas, Medical Student, University of Patras School of Medicine; Javid Ghaemmaghami, MS; Adriana Valenzuela, BS, MS; Rodolfo Cardenas Trejo, MD; Vittorio Gallo, PhD; Panagiotis Kratimenos, MD, PhD, Children's National Hospital

89: Earlier initiation of therapeutic hypothermia at less than 3 hours of life does not improve the rate of brain injury on MRI or death in newborn infants with moderate to severe HIE

Priya Mishra, MD; Kiran Talekar, MBBS, MD, DABR; Oluwatobi Adegboyega, MD, MPH; Dorothy McElwee, MSN, NNP-BC; David Carola, DO; Kolawole Solarin, MD; Susan Adeniyi-Jones, MD, Thomas Jefferson University Hospital; Kevin Dysart, MD, MBI, Nemours Children's Hospital/ Thomas Jefferson University; Zubair Aghai, MD, Thomas Jefferson University Hospital

317: Alleviation of Microglia-Associated Injury after Neonatal Intraventricular Hemorrhage (IVH) using Antioxidant and Iron Chelation

Edmund LaGamma, MD, NY Medical College; Govindaiah Vinukonda, PhD, NY Medical College

306: Posthemorrhagic Hydrocephalus of Prematurity Damages the Glymphatic System and Confers Added Risk of Hyperactivity and Cognitive Deficits

Tim Heck, MD; Yuma Kitase, MD; Alexander Gall, MD, Johns Hopkins University School of Medicine; Shenandoah Robinson, MD, Johns Hopkins Children's Center; Lauren Jantzie, PhD, Johns Hopkins University School of Medicine

Session 4B - Quality Improvement 3

Room: Innovation B (3rd Fl)

Moderators: Ashish Gupta

290: Moderate sedation strategy during laser surgery can reduce intubations and related risks in neonates with retinopathy of prematurity in a level IV NICU

Vilmaris Quinones, MD, St Christopher's Hospital for Children/Drexel University College of Medicine; Emma

Byrne, MS, Drexel University College of Medicine; Novisi Arthur, MD; Megan Young, PharmD; Diane Lavery, RN; Amanda Carroll, MSN, St Christopher's Hospital for Children; Swosti Joshi, MD; Folasade Kehinde, MD; Ogechukwu Menkiti, MD, St Christopher's Hospital for Children/Drexel College of Medicine

69: Improving Rates of Adolescent Suicide Risk Screening in a Primary Pediatric Clinic, A Quality Improvement Project

Janet Lee, MD; Indigo Leon, MSIII, Lewis Katz School of Medicine at Temple University

254: Reduction of Antibiotic Therapy Days in a Level 4 Neonatal Intensive Care Unit

Reema Paul, DO; Vilmaris Quinones Cardona, MD, St. Christopher's Hospital for Children; Dipen Vyas, MD, University of Mississippi School of Medicine; Margaret Gilfillan, MD, St. Christopher's Hospital for Children; Ryoma Morisaki, MD Candidate, Drexel University College of Medicine; Megan Young, PharmD; Alison Carey, MD, St. Christopher's Hospital for Children

83: Quality Improvement Initiative to Decrease Antibiotic Utilization in Low-Risk Preterm Infants < 35 weeks in a Level IV Neonatal Intensive Care Unit

Giselle Gozum, MD; Priyanka Tiwari, MD; Lauren Blatt, MD; Vivien Yap, MD; Liana Senaldi, MD, NewYork-Presbyterian Weill Cornell

329: Robustness of a Bronchiolitis Clinical Pathway in the Face of Increased Respiratory Virus Cases

Sidney Stewart, DO, Connecticut Children's Medical Center; Diane Hassanieh, BS, Frank H. Netter MD School of Medicine at Quinnipiac University; Sharon Smith, MD; Ilayna Waynik, MD, Connecticut Children's Medical Center

197: Improving the success rate of weaning premature infants to an open crib and maintaining normothermia: a Quality Improvement project.

Nadia Campbell, MD; Ranjith Kamity, MD; Amrita Nayak, MD, NYU Langone LI Hospital

Session 4C - General Pediatrics

Room: Discovery A (3rd Fl)

Moderators: Rubia Khalak, Sems Gogcu

119: Dressed to Impress? Assessing Reinforcement of Gender Stereotypes in Children's Clothing

Mary O'Connor, N/A; Elaine Cheng, N/A; Kara Sangiuolo, BA; Xihang Wang, BA; Ananya Terala, N/A; Fiona Dubrosa, BS BA; Ruth Milanaik, DO, Steven and Alexandra Cohen Children's Medical Center of New York

87: Maternal Worry of Children Contracting COVID-19 Predicts Infant Vaccination Status

Kristen Keene, MD; Leigh-Anne Cioffredi, MD; Alexandra Potter, PhD, University of Vermont Medical Center

300: Automation of Photoplethysmographic Screening for Coarctation of the Aorta

Ignacio Contreras, MD, Northwell Health; Yohai Nitzan, BTEch; Ori Gleisner, MSc, Lev Academic Center; Daniela DiCaro, MD; Mera Goodman, MD; Nafeesa Saadi, MD, Northwell Health; Meir Nitzan, PhD, Lev Academic Center; Barry Weinberger, MD; Robert Koppel, MD, Northwell Health

271: Utilization of Furosemide to Expedite Bladder Filling in Pediatric Females with Suspected Ovarian Torsion Awaiting Pelvic Ultrasound

Candice Jersey, DO; Andrew Hegglund, MD; Douglas Moote, MD; Michael Brimacombe, PhD; Henry Chicaiza, MD, Connecticut Children's

64: Parental Comfort Talking to Adolescents about Sexual Health

Emma Crotty, MD, St Barnabas Hospital; Nadia Scott, MD; David Rubin, MD, St. Barnabas Hospital

288: Low-Quality Signal in Pulse Oximetry Within a Home Setting of Infants Born Preterm: Does it Matter?

Ernie Tao, BS, BA, Geisel School of Medicine; Katherine Edeburn, BS, BA; Heather White, MPH, UMass Medical School; Tyler Hartman, MD, Dartmouth Hitchcock Medical Center; Lawrence Rhein, MD, MPH, UMass Medical School

Session 4D - Clinical Respiratory

Room: Discovery B (3rd Fl)

Moderators: *Edward Hurley*

86: Impact of early standardized ventilator management on clinical outcomes for infants with congenital diaphragmatic hernia

Katrin Lichtsinn, M.D.; Joseph Church, M.D.; Abeer Azzuqa, M.D.; Paul Waltz, M.D.; Jacqueline Graham, CRNP; Jennifer Troutman, MSN, BC-CRNP; Burhan Mahmood, M.D., UPMC Children's Hospital of Pittsburgh

186: Pulmonary Vasodilator Use in Very Preterm Infants in United States Children's Hospitals

Tomas Vega, MD, Children's Hospital of Philadelphia/Hospital Santo Tomás; Matthew Huber, MS, Children's Hospital of Philadelphia; Michael O'Byrne, MD, MSCE, Perelman School of Medicine at the University of Pennsylvania; Kathleen Gibbs, MD, Children's Hospital of Philadelphia; David B. Frank, MD, PhD, Children's Hospital of Philadelphia/UPenn; Catherine M. Avitabile, MD, Perelman School of Medicine at the University of Pennsylvania; Erik Jensen, MD, MSCE, Children's Hospital of Philadelphia; Scott A. Lorch, MD, MSCE, Children's Hospital of Philadelphia/University of Pennsylvania; Nicolas A. Bamat, MD, MSCE, Children's Hospital of Philadelphia

207: Implementation of Continuous Positive Airway Pressure Weaning Guidelines Improves Respiratory Outcomes in Preterm Infants

Shivani Mattikalli, BS; Shaili Amatya, MD, FAAP, Penn State College of Medicine; Heather Stephens, DNP, RNC-NIC, ACCNS-N, Penn State Health Children's Hospital; Jennifer Erkingler, MS, RRT-NPS, AE-C, C-NPT, Penn State Children's Hospital; Kimberly Wisecup, DO, Pediatrix

292: Duration of Home Oxygen Therapy in Preterm Infants Diagnosed with Bronchopulmonary Dysplasia: Does Compliance Matter

Heather White, MPH; Katherine Edeburn, BS, BA; Lawrence Rhein, MD, MPH, UMass Medical School

238: Using Less Invasive Surfactant Administration (LISA) to reduce the rate of invasive mechanical ventilation in the first 72 hours of life by 25% from our baseline prior to July 2021

Dionne Donald, M.D.; Shanthi Sridhar, M.D.; Surabhi Aggarwal, M.D., Stony Brook Children's Hospital

61: Continuous Positive Airway Pressure versus High-Velocity Nasal Cannula for Weaning Respiratory Support of Preterm Infants

Tatiana Nuzum, MB BCh BAO; Gurpreet Kaur, MD; Natalia Mavrogiannis, MD; Kristyn Pierce, MPH, NYU Langone Health; Maya Hatley, NYU Grossman School of Medicine; Isabelle Bautista, Saint Peters University Hospital; Jasmine Forbes, Spelman College; Heather Howell, MD; Purnahamsi Desai, MD; Erin Cicalese, MD, NYU Langone Health

Session 4E - The Opioid Conundrum

Room: Discovery C (3rd Fl)

Moderator: *Elizabeth Yen*

243: Are there sex-related differences in severity of Neonatal Opioid Withdrawal Syndrome?

Victoria Anderson, MS, Sidney Kimmel Medical College at Thomas Jefferson University; Saminathan Anbalagan, MBBS, MD, Thomas Jefferson University; Michael Favara, DO, Christiana Care; Daniela Stark, MD, NYU Langone Health; David Carola, DO; Kolawole Solarin, MD; Susan Adeniyi, MD; Zubair Aghai, MD, Thomas Jefferson University

151: Single-Center Early Intervention Pathway for Infants with Prenatal Opioid Exposure

Jean Kwon, BS, Tufts University School of Medicine; Cecelia Sibley, PT, MHA, CNT, CEIS, Tufts Medical Center; Lisa Capra, MD, St. Elizabeth's Medical Center; Hafsatou Diop, MD, MPH; Gabriela Kernan, MPH, MSc, Massachusetts Department of Public Health; Elizabeth Yen, MD, MA, Tufts Medical Center

247: Comparison of buprenorphine and morphine for the treatment of Neonatal Opioid Withdrawal Syndrome (NOWS)

Saminathan Anbalagan, MBBS, MD; Victoria Anderson, MS, Thomas Jefferson University; Michael Favara, DO, ChristianaCare; Daniela Stark, MD, NYU Langone; David Carola, DO; Kolawole Solarin, MD; Susan Adeniyi-Jones, MD; Zubair Aghai, MD, Thomas Jefferson University

150: Disproportionate Growth and Body Composition in Opioid-Exposed Neonates

Emily Brew, BS; Giselle Castro, BS; Kiran Singh, MD; Elizabeth Yen, MD, Mother Infant Research Institute at Tufts Medical Center

134: Initial Observations of an RCT comparing NASSCORES to Finnegan Scores

Hannah Pee, MD, Westchester Medical Center; Manuel DeCastro, MD; Edmund LaGamma, MD; Prabhakar Kocherlakota, MD, New York Medical College

178: Comparison of Low and High Dose Clonidine Use for Infants Admitted to the Neonatal Intensive Care Unit

Jacob Kelner, DO, University of Connecticut; Clare Riotte, DO, Connecticut Childrens Medical Center; Ursula Marquis, BS Pharm, MBA; Jessica Askew, BS Pharmacy Studies, PharmD Candidate 2023, Connecticut Children's Medical Center; Shabnam Lainwala, MBBS, PHD, University of Connecticut School of Medicine

Session 4F - Nutrition

Room: Admiral's Quarters (1st Fl)

Moderators: *Muhammad Zia*

194: Impact of a Nutrition Follow-up Program on Growth and Development in Premature Infants

Sarah Fleishaker, MD; Emily Johnson, BS; Julia Gertie, Student; Lenora Codrington-Ennis, DO; Pradeep Mally, MD; Sadaf Kazmi, MD; Sean Bailey, MD, Hassenfeld Children's Hospital at NYU Langone

85: Triglyceride Levels in Preterm Neonates Receiving Mixed Lipid Emulsion

Palanikumar Balasundaram, MD; Michelle Lucena, MD; Toshiba Morgan-Joseph, BS Biology, PharmD, The Children's Hospital at Montefiore; Mimi Kim, Sc.D, Albert Einstein College of Medicine; Tomas Havranek, MD; Katie R. Forman, DO, The Children's Hospital at Montefiore

192: Evaluating Interventions to Address Racial Disparities in Breastfeeding Rates for Preterm Infants in a Mother's Own Milk Quality Improvement Project

Ty Meka, B.S., Albany Medical College; Kate Tauber, M.D., M.A., Albany Medical Center

202: Fetal/Neonatal Impaired Growth and Disrupted Brain-Gut Regulation

Dosalyn Thompson, DO, Penn State Health; Kaitlin Carson, MS; Kim Doheny, PhD, Penn State College of Medicine; Kirsteen Browning, PhD, Penn State College of Medicine

143: Prevalence and clinical impact of gaseous distension in preterm neonates receiving non-invasive respiratory support

Logan Groneck Hart, BS, NYU Grossman SOM, NYU Tech4Health Institute; Pradeep Mally, MD; Kristyn Pierce, BS; Sean Bailey, MD, NYU Langone

326: Latinx Immigrant Birthing People's Experiences with the Special Supplemental Nutrition Program for Women, Infants and Children (WIC)

Jerimiah Kouka, B.S.; Diana Worsley, MPH; Alejandra Barreto, MPH; Alicia Laguna-Torres, BSA, Children's Hospital of Philadelphia; Kate Wallis, MD, MPH, Perelman School of Medicine at the University of Pennsylvania; Lauren Palladino, MD; Alyssa Tindall, PhD, RDN, Children's Hospital of Philadelphia; Marjje Mogul, PhD, Maternity Care Coalition; Rosalinda Hernandez, N/A, Puentes de salud; Nicole Salva, MD, University of Pennsylvania; Michelle-Marie Peña, MD, Children's Healthcare of Atlanta; Scott Lorch, MD, MSCE, The Children's Hospital of Philadelphia/ University of Pennsylvania; Senbagam Virudachalam, MD, MSHP, Children's Hospital of Philadelphia and University of Pennsylvania; Diana Montoya-Williams, MD, MSHP, Children's Hospital of Philadelphia

Session 4G - Neonatology Pot Pourri

Room: USS New Jersey (2nd Fl)

Moderators: *Prabhakar Kocherlakota*

201: Increasing Intermittent Hypoxia Episodes Reduces Microbiome Diversity and Increases Inflammatory Biomarkers in the Large Intestine of Neonatal Rats

Magdalena Latkowska, MD, FAAP; Charles Cai, MD; Marina Mitrou, MD; Matthew Marcelino, BA-Neuroscience; Jacob Aranda, MD, PhD, FRCPC, FAAP; Kay Beharry, BS, State University of New York Downstate Health Sciences University

146: Impact of Anemia on Heart Rate Characteristics in Extremely Low Birth Weight Infants (ELBWI)

Gail Cameron, MBBS; Agnes Salvador, MD, Einstein Medical Center Philadelphia; Shanice Wells, MD, Einstein Medical Center-Philadelphia; Leilani Segura, MD; Matthew Smith, DO; Manuel Peregrino, MD, Einstein Medical Center Philadelphia

50: Effects of antioxidants and/or fish oil supplementation in a rat model of oxygen-induced retinopathy

Sidra Bashir, MD; Kay Beharry, PhD; Jacob Aranda, MD PhD, SUNY Downstate Medical University

130: Renalase Protein Levels are Decreased in Maternal Blood and Placenta in Pregnancies Associated with Preterm Preeclampsia

Youstina Soliman, MD candidate class of 2024, Quinnipiac University; Christine Shugrue, Research Associate Internal Medicine Digestive Disease; Chino Eke, BA; Tatiana Silva, BS; Gary V. Desir, MD; Fred Gorelick, MD; Liza Konnikova, MD/PhD, Yale University

99: Characteristics of Mothers and Term Neonates Delivered by Elective Cesarean Section

Tashalee McGrath-Blagrove, MBBS; Jimikumar Patel, M.D.; Radhika Maddali, M.D.; Vivian Chang, M.D.; Ronique Gordon, MBBS; Lily Q. Lew, M.D.; Shirley Pinero-Bernardo, M.D.; Kaninghat Prasanth, M.D., MRCPC, Flushing Hospital Medical Center

105: Reducing Unplanned Extubation in the NICU with a Phased Approach - Experiences from a Quality Improvement Initiative

Parvathy Krishnan, MBBS, Westchester Medical Center; Nilima Jawale, MBBS, State University of New York Upstate Medical University; Susan R. Malfa, RNC, MSN, Maria Fareri Children's Hospital; Kathleen McCarthy, MS, NNP-BC; Diana D'Agrosa, BSN; Jason Muglio, BS, Maria Fareri Children's Hospital at Westchester Medical Center; Adam Sodikoff, RT, MPA, Westchester Medical Center; Colby Riehman, MSN, BSN, Maria Fareri Children's Hospital at Westchester Medical Center; Alexandra Pickard, Bachelors of Science; Bachelors in Business Administration, Westchester Medical Center; Lisa M. Strickrodt, BSN, RNC-NICU, Nursing; Lance A. Parton, MD; Meenakshi Singh, MBBS, Maria Fareri Children's Hospital at Westchester Medical Center

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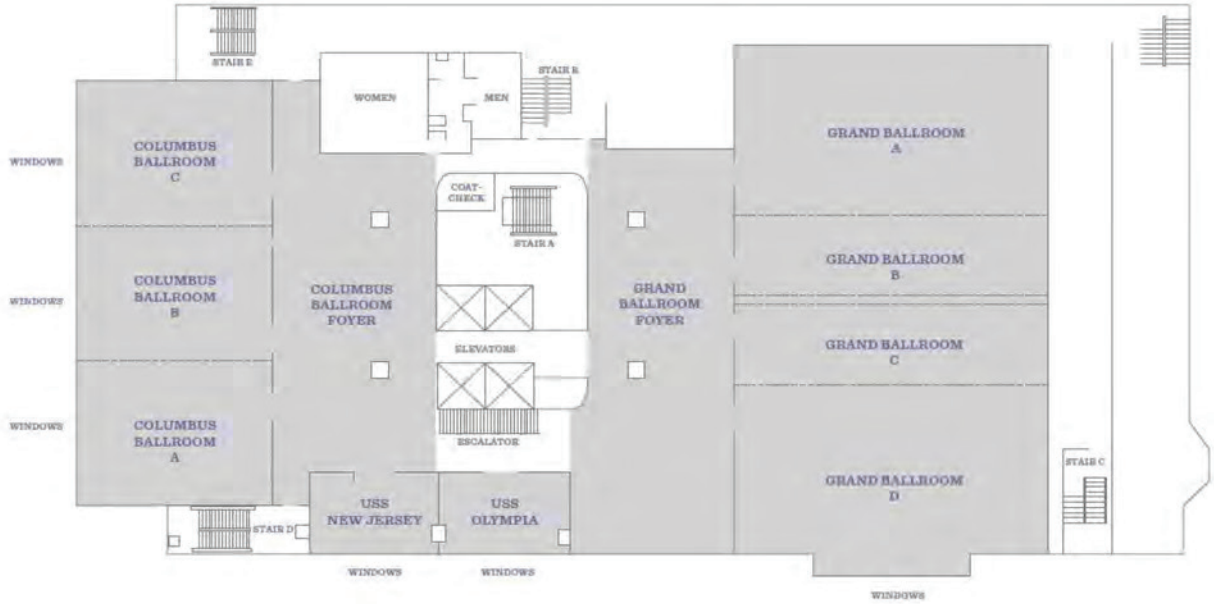
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