

A Global Virtual Event



5th

**NEOHEART 2020**  
**INTERNATIONAL CONFERENCE**  
**Cardiovascular management**  
**of the neonate**

OCTOBER 27-30, 2020

**ADVANCE PROGRAM**

#neoheart2020

neoheart2020.org



# NEOHEART 2020 GOES VIRTUAL

We hope you and your family are safe and healthy during this difficult time.

In the wake of the COVID-19 pandemic, we have paused how we traditionally host medical conferences.

Our team has reimagined NeoHeart 2020 as an immersive, transformative virtual experience.

**The possibilities are endless.**

For the very first time in NeoHeart's history, we will be hosting our conference virtually.

Join us as we take a step into the future.

Log in and connect with a global audience.

**NEOHEART 2020**

# Cardiovascular Management of the Neonate

**a global virtual event  
October 27-30, 2020**

## **Our promise:**

To deliver stimulating &  
insightful sessions,  
lively and engaging discussions,  
guaranteed  
to capture your attention.

Meet hundreds of your peers from  
around the world.  
Engage with more than 100  
leading experts in the field.

Collaborate,  
Seek solutions,  
Share ideas,  
&  
Participate.

**Join the Conversation.**

**This October.**





NEOHEART 2020  
A GLOBAL  
VIRTUAL EVENT  
OCT.27-30, 2020



Ganga Krishnamurthy MBBS  
President, Neonatal Heart Society

Help build a world where every newborn infant with cardiopulmonary disease receives optimal care for a healthier future

## A MESSAGE FROM THE NEONATAL HEART SOCIETY

We hope you and your family are well.

The Neonatal Heart Society in partnership with Columbia University and New York Presbyterian's Morgan Stanley Children's Hospital, is proud to host NeoHeart 2020.

Our hope was to host NeoHeart in Manhattan in New York City as a live- in-person event.

Due to the pandemic, the Society and its partners have re-imagined the conference as a global virtual event.

Other aspects of NeoHeart have not changed.

NeoHeart remains a conference like no other.

**At NeoHeart, we disrupt silos and build bridges**

so that we can learn from each other.

At NeoHeart, you share ideas.

You question norms.

You challenge dogma.

And you find common ground with an expert in another field.

You hear what new idea is pushing the field forward. What novel therapy is emerging on the horizon.

Most importantly, you have ready access to experts from many specialities.

**This is what makes a truly fulfilling and successful conference.**

**NeoHeart provides a venue for this experience.**

Whether through workshops or critical thinking during case and panel discussions, each attendee will be pushed to think **outside the box**.

**Attendees will walk away with new ideas, tools and the potential to be part of a leading-edge team at their Center.**

**Join us in the virtual world!**

# What NeoHeart is about

NeoHeart is the flagship annual conference of the Neonatal Heart Society.

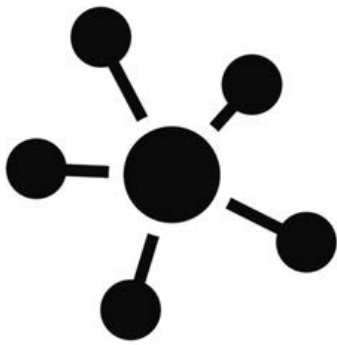
We bring together clinicians, leading experts, thought leaders and researchers across the global scientific community to exchange new knowledge & share the latest research on neonatal cardiopulmonary disorders.



# Why you should attend **NeoHeart 2020**?



the latest in science & cutting-edge research

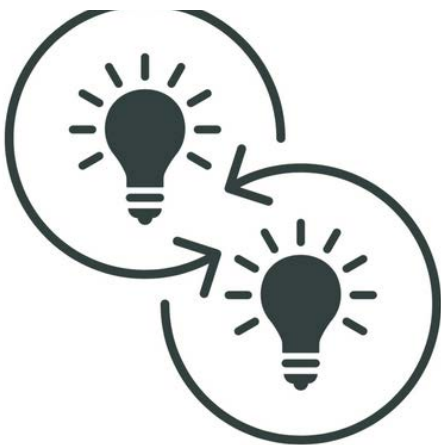


Expand your network  
meet a global audience

Learn new ideas and tools



Experience a virtual conference—content you want, when you want



Exchange ideas



Gain insight from over  
100 experts

# Who attends NeoHeart?



Neonatologists,  
pediatric cardiologists,  
cardiac surgeons, pediatric  
cardiac intensivists, pediatric  
intensivists,  
anesthesiologists, basic  
scientists, nurses,  
advanced practice providers,  
perfusionists,  
pharmacists,  
nutritionists, sonographers,  
respiratory therapists,  
Residents, Fellows and many  
more!

## NeoHeart by the numbers

**538**

Attendees at NeoHeart 2019

**15**

Countries at NeoHeart 2019

**The NeoHeart Experience:**  
**The only international**  
**conference dedicated to**  
**neonates with**  
**cardio-pulmonary disease**





Ganga Krishnamurthy MBBS  
President, Neonatal Heart Society  
Associate Professor of Pediatrics  
Medical Director, Infant Cardiac Unit  
New York-Presbyterian Morgan Stanley  
Children's Hospital  
Columbia University Irving Medical Center,  
New York



Emile Bacha MD  
Chief, Division of Cardiac, Thoracic  
and Vascular Surgery  
New York-Presbyterian/  
Columbia University Medical Center, New York



Richard A Polin MD  
Professor & Executive Vice Chair,  
Department of Pediatrics  
New York-Presbyterian/  
Columbia University Medical Center, New York

# Objectives

- Formulate an evidence based approach for optimal treatment of neonatal cardiopulmonary disorders including latest therapies.
- Know recent advances in the management of neonates with Hypoplastic left heart syndrome.
- Know novel therapeutic options available for the closure of a hemodynamically significant PDA in preterm infants including with percutaneous transcatheter interventions.
- Know how to manage term and preterm neonates with persistent pulmonary hypertension physiology or pulmonary hypertension secondary to BPD.
- Know how to monitor for development of pulmonary vein stenosis in preterm infants and therapeutic options available.
- Formulate an evidence based approach to diagnosis, monitoring and management of neonatal circulation and shock states.
- Describe the up-to-date basic science behind cardiopulmonary disorders.
- Know the latest in neonatal resuscitation science.
- Know the latest advances and future perspectives on Neonatal ECMO.
- Know current outcomes of preterm neonates with congenital heart disease and treatment options including non-surgical interventions.
- Know how to formulate an evidence based approach to providing optimal nutrition and developmentally appropriate care to preterm infants with congenital heart disease.
- Know modifiable and non-modifiable factors that influence neurodevelopmental outcomes in infants with congenital heart disease.



NEOHEART

20

20

WORKSHOPS  
&  
MASTERCLASSES



COLUMBIA  
COLUMBIA UNIVERSITY  
DEPARTMENT OF PEDIATRICS



Neonatal Heart Society



NewYork-Presbyterian Kids  
Morgan Stanley Children's Hospital

## Workshops/Masterclass

All times are in United States Eastern Standard Times (US EST)

Date: October 27, 2020

Please note that some workshops and Masterclasses run concurrently.

A separate registration fee is applied to workshop/Masterclass.

### Masterclass: Advanced Neonatal Cardiology Part A

For those of you who want to thrive in the fast-paced world of a CICU, this session is for you.

Learn how to trouble shoot ECMO related issues , learn ECPR pearls, recognize early signs of low cardiac output state and failing hearts. And much more.

This session will give you tools to practice at the top of your profession.



**10:15 AM US EST- 12:00 NOON US EST**

### Workshop: Healing Broken Hearts- Congenital Heart Disease and Perinatal Palliative Care

No matter how brief, each baby's life is precious, and must be welcomed, cherished and celebrated. The comfort of the baby is at the core of comfort care.

Learn how to become a healer from the renowned **Columbia Neonatal Comfort Care Program.**



**10:15 AM US EST- 12:00 NOON US EST**

# Workshops/Masterclass

All times are in United States Eastern Standard Times (US EST)

Date: October 27, 2020

Please note that some workshops and Masterclasses run concurrently.

A separate registration fee is applied to workshop/Masterclass

## Workshop: Nursing Workshop- EXTRAORDINAIRE- Uniting neonatal and pediatric critical care nursing concepts in a dedicated Infant Cardiac Intensive Care Unit

Nurses are the life blood of every unit in every hospital.  
But how do you become an AMAZING cardiac NICU nurse?  
Nurses from the world's first and only dedicated neonatal cardiac ICU will tell you.



10:15 AM US EST- 12:00 NOON US EST

## Workshop: Neonatal Cardiology: Foundations

How do you prepare for the birth of a baby with a complex heart defect who requires resuscitation?

How do you manage a baby with Hypoplastic left heart syndrome preoperatively? Discriminating the innocuous rhythm from the lethal?

We got this and much more.

Not to be missed session especially for neonatologists and neonatal ICU nurses and providers.



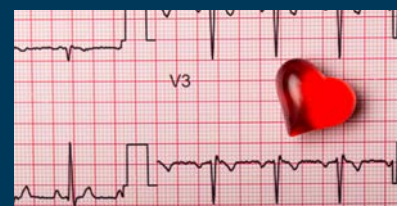
10:15 AM US EST- 12:00 NOON US EST

## Masterclass: Advanced Neonatal Cardiology Part B

You want more, join Part B!

Take it to the next level!

More physiology driven sessions!



12:30 PM US EST- 2:30 PM US EST



# Workshops/Masterclass

All times are in United States Eastern Standard Times (US EST)

Date: October 27, 2020

Please note that some workshops and Masterclasses run concurrently.

A separate registration fee is applied to workshop/Masterclass

## Workshop: Targeted neonatal ECHO- for ICU providers -Beginners 101

If you want to learn basic principles and common ECHO views used for hemodynamic assessment, this session is for you.



12:30 PM US EST- 2:30 PM US EST

## Workshop: Tools to Develop a State-Of-The-Art Neurodevelopmental Program in Your Pediatric Cardiac ICU

Always wanted this program for your unit but didn't quite know where to begin?

We got this covered.

Join this highly engaging format and learn how.



12:30 PM US EST- 2:30 PM US EST

## Masterclass Neonatology: Non-invasive ventilation of the newborn

Nasal intermittent positive pressure ventilation,

high flow nasal cannula

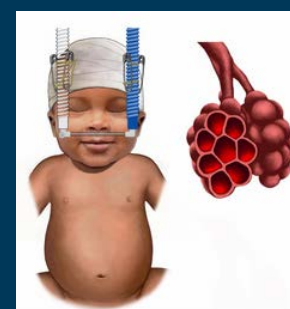
&

continuous positive airway pressure

Three topics. Three world class teachers.

Don't miss this.

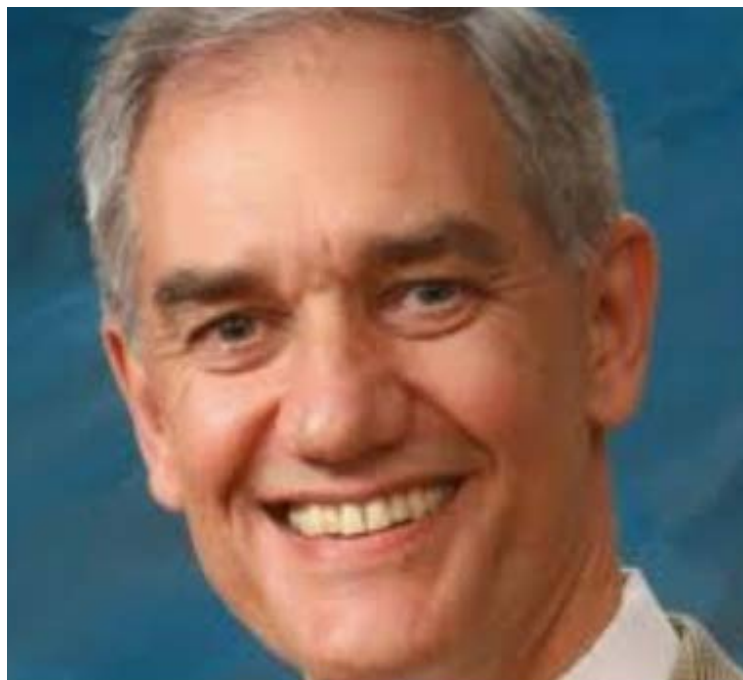
12:30 PM US EST- 2:30 PM US EST



# NEOHEART 2020 KEYNOTE SPEECH

KEYNOTE SPEAKER:  
RICHARD A JONAS MD

The Neonatal Heart Society recognizes Dr Richard A Jonas for his extraordinary accomplishments and legendary career as a pediatric cardio-thoracic surgeon. Dr. Jonas is the Chief of Cardiac Surgery and the Co-Director of the Children's National Heart Institute at the Children's National Health System, Washington, DC.



Richard A Jonas MD

*Reflections on a career in congenital cardiac surgery*

OCTOBER 27, 2020,  
3:00- 3:30 PM US EST

# ABOUT RICHARD JONAS



KEYNOTE SPEAKER:  
RICHARD A JONAS MD

OCTOBER 27, 2020,  
3:00- 3:30 PM US EST

Dr. Jonas joined the staff of Children's National Medical Center in 2004 as the Chief of Cardiovascular Surgery, Co-Director of the Children's Heart Institute and Cohen Fung Professor of Cardiac Surgery. He undertook his general surgical training at the Royal Melbourne Hospital in Melbourne Australia and subsequently his cardiothoracic surgical training at Royal Children's Hospital in Melbourne and Green Lane Hospital in Auckland New Zealand. After fellowships at the Brigham and Women's Hospital and Children's Hospital Boston he was appointed to the Department of Surgery at Harvard Medical School in 1984. In 1994 Dr. Jonas was appointed to the William E Ladd Chair of Surgery at Harvard Medical School and became the Cardiovascular Surgeon in Chief at Children's Hospital Boston.

Dr. Jonas has an active clinical practice in congenital cardiac surgery. He also maintains his own NIH supported laboratory research program in addition to his administrative responsibilities. He is the author of over 400 peer-reviewed publications and 2 textbooks.

In addition to his responsibilities at Children's Hospital Dr Jonas is a consultant to the FDA and has participated in numerous study sections of the NIH. He has worked with Project Hope for more than 25 years in establishing pediatric heart surgery in Shanghai, China as well as helping with the design and development of the Shanghai Children's Medical Center.

In 2005/6 Dr Jonas was the President of the American Association for Thoracic Surgery and in 2009/10 was President of the Congenital Heart Surgeon's Society of North America. He was President of the World Society for Pediatric and Congenital Heart Surgery from 2016-2018.



# NEOHEART 2020 KEYNOTE SPEECH

KEYNOTE SPEAKER:  
OLA DIDRIK SAUGSTAD MD, PHD

The Neonatal Heart Society recognizes Dr Saugstad for his extraordinary accomplishments and legendary career as a neonatologist and a physician scientist.

Dr. Saugstad is a Professor of Pediatrics at the University of Oslo, Norway.



## Fighting for Air

*How pure oxygen to term infants was abandoned  
in the delivery room*

OCTOBER 29, 2020,  
3:00- 3:30 PM US EST

# ABOUT OLA DIDRIK SAUGSTAD MD, PHD



KEYNOTE SPEAKER:  
OLA DIDRIK SAUGSTAD MD, PHD

OCTOBER 29, 2020,  
3:00– 3:30 PM US EST

Dr Saugstad is a Professor in Pediatrics and served as the Director & Head of the Department of Pediatric Research at the University of Oslo and Oslo University Hospital from 1991 to 2017. He served as a Consultant in Neonatology at Oslo University Hospital, Rikshospitalet from 1986 to 2017. Since 2018, Dr Saugstad serves as an adjunct Professor at the Ann and Robert H Lurie Children's Hospital of Chicago in the Northwestern University Feinberg School of Medicine.

Dr Saugstad received his MD, PhD degrees from the University of Oslo, completed residency in Pediatrics in 1984 at the Oslo University Hospital where he also started his career as a neonatologist. Dr Saugstad was a research Fellow at the University of Uppsala (1973–74), and the Fogarty Fellow at the University of California, San Diego (1980–81) and a Visiting Research Associate at the University of California San Francisco (1986). During his career, he also served as the Head of the Norwegian Newborn Screening Program and served as the Head of the Department of Women and Child Health.

Dr Saugstad has 505 publications recorded in PubMed, with more than 12 000 citations (web of knowledge). H index: (Web of Knowledge) 56, (Google scholar) 77. RG score 50 (> 97,5 percentile). He has written 4 books and numerous book chapters. Dr Saugstad has given more than 500 international lectures.

Dr Saugstad has served as the main Supervisor of 40 and co-supervisor of another 5 PhD students. Five PhD students are presently under his supervision.

Dr Saugstad was the President and Founder of the Norwegian Society for Perinatal Medicine, Council Member of European Society of Paediatric Research, Secretary Working Group on Neonatology, European Society Paediatric Research, Board Member European Association of Perinatal Medicine, President and past President, European Association of Perinatal Medicine

Dr Saugstad has received numerous awards and honors:

In 1995, he received the Lærdals Akutt Medisinske pris (Acute Medicine Award), the Arvo Yllpä Medal (University of Helsinki) in 1997, Virginia Apgar Prize (World Association of Perinatal Medicine) in 2001, Medinnova's Idea Award (Rikshospitalet) in 2002, Elected Fellow International Academy of Perinatal Medicine (IAPM) (Barcelona) in 2005, Livsvernprisen – The Human Protection Award (Oslo) in 2007, The Maternité Prize (European Association of Perinatal Medicine) in 2008, "Recent Advances in Neonatology", International meeting Honoring Ola D Saugstad, Würzburg in 2008, Märta Philipson's Award for Progress in Paediatrics (Karolinska Institutet, Stockholm) in 2010, Knighted by the Norwegian King (St. Olav's order) for paediatric research in 2010, The Landmark Award, American Academy of Pediatrics in 2011, The Bjørnson Award (for free speech) Norwegian in 2011, ME prisen (Norwegian ME association) in 2012, The Nordic Medical Award (Stockholm) in 2012, Life Long Achievement in Neonatology. World congress of Perinatal Medicine (Madrid) in 2015, The Golden Amnioscope, IAPM in 2016, The Saling Award WAPM in 2017, The Chiesi prize in Neonatology in 2017. He is Honorary Doctor at University of Athens and Honorary Professor at Pirogov University, Moscow.

# NEOHEART 2020 KEYNOTE SPEECH

KEYNOTE SPEAKER:  
ALAN HALL JOBE MD, PHD

The Neonatal Heart Society recognizes Dr Jobe for his extraordinary accomplishments and legendary career as a neonatologist and a physician scientist. Dr. Jobe is a Professor of Pediatrics at University of Cincinnati, Ohio.



Alan Hall Jobe MD, PhD

*Antenatal steroids and risks of  
developmental origins of health and disease*

OCTOBER 30, 2020,  
3:00- 3:30 PM US EST



# ABOUT ALAN H JOBE MD, PHD



KEYNOTE SPEAKER:  
ALAN H JOBE MD, PHD

OCTOBER 30, 2020,  
3:00- 3:30 PM US EST

Dr Jobe received MD, PhD degrees from the University of California, San Diego in 1973. He completed residency in Pediatrics and Fellowship in Perinatal Medicine in 1977 from the University Hospital, University of California, San Diego.

Dr Jobe began his career as an Assistant Professor of Pediatrics in 1977 at the Harbor-UCLA Medical Center, rising to the ranks of a full Professor within 6 years.

In 1980, Dr Jobe was appointed as the Medical Director of the Neonatal Intensive Care unit and Director of the Pulmonary Research Laboratory at Harbor-UCLA Medical Center. Between 1991-1997, Dr Jobe served as the Director of the Perinatal Research Laboratories at the Walter P Martin Research Center and was the recipient of the Joseph W. St. Geme, Jr. Professorship of Pediatrics by the UCLA School of Medicine. Dr Jobe has held the title of Professor of Pediatrics at the University of Cincinnati since 1997.

During his career, Dr Jobe has been the recipient of several NIH grants, has published more than 400 original peer reviewed manuscripts, written more than 250 chapters and reviews and given hundreds of lectures at national and international meetings. Dr Jobe has held several leadership positions at national professional associations, including as the Chairman of the Steering Committee for NICHD Global Research Network, Chair of the sub-board of Neonatal-Perinatal Medicine in the American Board of Pediatrics.

Dr Jobe has been the recipient of numerous research awards and honors:

In 1982, Dr Jobe was awarded the Richard E. Weitzman Award in Research by the Harbor-UCLA Faculty Society; in 1984, the Ross Award in Research by the Western Society for Pediatric Research; in 1986, the E. Mead Johnson Award for Research in Pediatrics by the American Academy of Pediatrics; in 2002, the Arvo Ylppo Medal by the Pediatric Academic Societies of Finland; in 2005, the George Simbruner Lecture Award at New Frontiers in Neonatology; in 2007, elected to Institute of Medicine USA - National Academy of Medicine; since 2007 serves as Clinical Professor - University of Western Australia; in 2009 delivered the William Silverman Lectureship at American Academy of Pediatrics meeting; in 2010, received the Thomas Hazinski Distinguished Service Award from Society for Pediatric Research; in 2011, Legend for Service to Harbor UCLA/LA Biomed; in 2011, Virginia Apgar Award from AAP; in 2012, Founders Award from Midwestern Society for Pediatric Research; in 2017, Legend in Neonatology - Neo Conference; in 2017, Mary Ellen Avery National Research Award by the American Pediatric Society and Society for Pediatric Research; in 2018, received the Legend of Respiratory Care - American Association of Respiratory Care.

NEOHEART

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SCIENTIFIC PROGRAM



COLUMBIA  
COLUMBIA UNIVERSITY  
DEPARTMENT OF PEDIATRICS



Neonatal Heart Society



NewYork-Presbyterian **Kids**  
Morgan Stanley Children's Hospital

## PREMIUM ACCESS Plenary Session

### Double Jeopardy: Prematurity & Congenital Heart Disease

October 27, 2020

3:30 PM US EST- 5:30 PM US EST

Session length= 120'

Moderator



Ganga Krishnamurthy MBBS

- **Two Strikes Against: Impact of Prematurity on CHD Outcomes (15')**

**John M Costello MD, MPH**

Pediatric Cardiac Intensive Care

Medical University of South Carolina, Charleston, SC



- **Timing is everything: How my Center decides when to intervene (15')**

**Emile Bacha MD**

Pediatric Cardiac Surgery

Columbia University Medical Center, New York, NY



- **Deploying Alternate Strategies: RVOT Stent, PDA Stent, Hybrid, PA Band-When, on Whom & Why? (15')**

**Glen van Arsdell MD**

Pediatric Cardiac Surgery

UCLA Medical Center, Los Angeles, CA



- **What is a "normal" blood pressure & is there cerebral autoregulation? The vagaries of hemodynamics in premature infants (15')**

**Keith Barrington MD**

Neonatology

CHU, St. Justine, Montreal, Quebec, Canada



- **Beyond Survival: Decreasing neonatal morbidities (NEC/IVH/BPD/PVL) in preterm infants with CHD- 5 Lessons learnt from Neonatal RCTs (15')**

**Richard Polin MD**

Neonatology

Columbia University Medical Center, New York, NY



- **Redesigning the model of delivering Cardiac Intensive Care: Is it time to deconstruct Pediatric Cardiac ICUs?? (15')**

**Gil Wernovsky MD**

Pediatric Cardiology

Children's National Hospital, Washington, DC



- **Expert Panel Discussion and LIVE Q/A**



# PREMIUM ACCESS Plenary Session

ECMO 2020

October 27, 2020

3:30 PM US EST- 5:30 PM US EST

Session length= 120'

- **State of the Art: Neonatal and Pediatric ECMO (15')**  
**Ravi Thiagarajan MBBS, MPH**  
Pediatric Cardiac Critical Care  
Boston Children's Hospital, Boston, MA
- **A Complicated balancing Act: Anticoagulation on ECMO- Current Trends and Future Perspectives (15')**  
**C Heleen van Ommen MD, PhD**  
Pediatric Hematology  
ErasmusMC Sophia Children's Hospital, Rotterdam, NL
- **Building a reliable and resilient ECPR Program (15')**  
**Peter C Laussen MBBS, FANZCA, FCICM**  
Executive Vice President of Health Affairs at Boston Children's Hospital  
Professor of Anesthesia at Harvard Medical School, Boston, MA
- **Neuromonitoring on ECMO (15')**  
**Melania Bembea MD, MPH, PhD**  
Pediatric Critical Care  
The John Hopkins Hospital, Baltimore, MD
- **Long term Neuro-psychological outcomes of Neonatal ECMO survivors: Lessons Learnt from the UK & the Netherlands (15')**  
**Aparna Hoskote MD**  
Pediatric Cardiac Critical Care  
Great Ormond Street Hospital for Children, London, UK
- **ECMO 2030: Looking to the Future (15')**  
**Robert Bartlett MD**  
Pediatric Surgeon  
University of Michigan, Ann Arbor, MI
- **Expert Panel Discussion and Live Q/A**

Moderator



William Middlesworth MD



# PREMIUM ACCESS Plenary Session

**Trials 2020**

**October 28, 2020**

10:00 AM US EST- 12 NOON US EST

Session Length =120'

Moderator



Anup Katheria MD

- **TOP Trial- Transfusion of Prematures Trial (20')**

**Haresh M Kirpalani MD, MS**

Neonatology

Children's Hospital of Philadelphia

Philadelphia, PA



- **Probiotics and VLBW Infants (20')**

**Josef Neu MD**

Neonatology

UF Health Shands Children's Hospital

Gainesville, FL



- **NEST Trial: Necrotizing Enterocolitis Surgery Trial (20')**

**Martin Blakely MD, MS**

Pediatric Surgery

Monroe Carell Jr. Children's Hospital at Vanderbilt

Nashville, TN



- **Resuscitation with an intact cord: are we there yet? (20')**

**Anup Katheria MD**

Neonatology

Sharp Mary Birch Hospital for Women & Newborns

San Diego, CA



- **Levetiracetam Versus Phenobarbital for Neonatal Seizures:  
A Randomized Controlled Trial**

**Cynthia Sharpe MBChB**

Paediatric Neurologist

Starship Children's Hospital

Auckland, New Zealand



- **Expert Panel Discussion and Live Q/A**

## **PREMIUM ACCESS** **Plenary Session**

Moderator

### **Bench to Bedside I Poster Presentation**

**October 28, 2020**

10:00 AM US EST- 12 NOON US EST

Session Length =120'



Vadim S Ten MD, PhD

- **A role for the P2Y12 inhibitor Cangrelor in the prevention of shunt thrombosis:**

**The right drug for the right patient at the right time (15')**

**Thomas Diacovo MD**

Neonatology

UPMC Children's Hospital of Pittsburgh

Pittsburgh, PA



- **Development of growth-accomodating valved device for neonates: how a surgeon gets along with engineers..." (15')**

**David Kalfa MD, PhD**

Pediatric Cardiac Surgery

Columbia University Medical Center,

New York, NY



- **The Essential Roles of Nkx2.5 in Myocardial Regeneration (15')**

**Kimara Targoff MD**

Pediatric Cardiology

Columbia University Medical Center,

New York, NY



- **Cellular Bioenergetics in Bronchopulmonary dysplasia and white matter injury (15')**

**Vadim S Ten MD, PhD**

Neonatology

Columbia University Medical Center,

New York, NY



- **Expert Panel Discussion and Live Q/A (10')**

## **PREMIUM ACCESS** **Break out Session**

### **Interesting Case: CICU surgical Case**

**October 28, 2020**

12:30 PM US EST- 1:00 PM US EST

Session Length =30'

Moderator



Victor Levy MD

- **Case Presentation 7-10'**

**Danielle Sganga MD**

PGY 6 Cardiology Fellow  
Lucile Packard Children's Hospital  
Stanford University Medical Center  
Palo Alto, CA



- **Expert Panel Discussion and Live Q/A (20-23')**

**Michael Ma, MD,**

Cardiothoracic Surgery  
Lucile Packard Children's Hospital  
Stanford University Medical Center  
Palo Alto, CA



**David Kwiatkowski, MD**

Pediatric Cardiology,  
Lucile Packard Children's Hospital  
Stanford University Medical Center  
Palo Alto, CA



**Glen van Arsdell MD**

Pediatric Cardiac Surgery  
UCLA Medical Center  
Los Angeles, CA



**Jorge Salazar MD**

Pediatric Cardiac Surgery  
UT Health Science Center at Houston  
Houston, TX





**PREMIUM ACCESS**  
**Break out Session**

Moderator

**Interesting PH Case**

**October 28, 2020**

12:30 PM US EST- 1:00 PM US EST

Session Length =30'



Usha Krishnan MD

- **Case Presentation 7-10'**

- Faith Kim MD**

- PGY 6 Neonatology Fellow  
New York Presbyterian  
Morgan Stanley Children's Hospital  
New York, NY



- **Expert Panel Discussion and Live Q/A (20-23')**

- Steven Abman MD**

- Pediatric Pulmonology  
Children's Hospital Colorado,  
Aurora, CO



- **Eric D. Austin, MD, MSCI**

- Pulmonology  
Monroe Carell Jr. Children's Hospital at Vanderbilt  
Nashville, Tennessee



- **Diana Vargas MD**

- Neonatal Cardiac Critical Care  
Columbia University Medical Center  
New York, NY



**PREMIUM ACCESS**  
**Break out Session**

**Shock**

**Joint NHS and PCICS Session**

**October 28, 2020**

1:00 PM US EST-2:30 PM US EST

Session Length= 90'

Moderator



John M Costello MD, MPH

- **The Endothelial Glycocalyx: What disrupts and what preserves (18')**

**David S Cooper MD, MPH**

Pediatric Cardiac Intensive Care  
Cincinnati Children's Hospital Medical Center  
Cincinnati, OH



- **Being SMART and SAFE with our Fluid Choices (18')**

**Diana Vargas MD**

Neonatal Cardiac Critical Care  
Columbia University Medical Center  
New York, NY



- **Steroids: When, what, how much and for how long? (18')**

**Kristi Watterberg MD**

Neonatology  
University of New Mexico Health Sciences Center  
Albuquerque, NM



- **Pressors and Inotropes: Making Rational Choices (18')**

**Amir Ashrafi MD**

Neonatal Cardiac Critical Care  
Children's Hospital of Orange County  
Orange, CA



- **Expert Panel Discussion and Live Q/A (18')**

## **PREMIUM ACCESS** **Break out Session**

### **Update on GI/Nutrition**

**October 28, 2020**

1:00 PM US EST-2:30 PM US EST

Session Length= 90'

Moderator



Sudha Kashyap MD

- **Optimizing growth. Update on Fortification Science (18')**

**Christoph Fusch MD**

Neonatology

Nuernberg General Hospital

Nuernberg, Germany



- **Chyl thorax: Dietary Management of the Breast-fed infant (18')**

**Deborah O'Connor PhD, RD**

**Sara DiLauro MSc RD**

Nutritional Science

University of Toronto,

Clinical Dietitian, Labatt Family Heart Centre

The Hospital for Sick Children

Ontario, Canada



- **Nutrition & the developing brain (18')**

**Catherine Limperopoulos PhD**

Neuroscience Research

Children's National Hospital, Washington, DC



- **Anemia, Red Blood Cell Transfusion and Necrotizing Enterocolitis (18')**

**Josef Neu MD**

Neonatology

UF Health Shands Children's Hospital,

Gainesville, FL



- **Expert Panel Discussion and Live Q/A (18')**



Emile Bacha MD

**Hypoplastic left heart syndrome:  
Past, Present & the Future**

**October 28, 2020**

3:30 PM US EST- 5:30 PM US EST

Session length= 120'

- **Four decades of the Norwood Procedure: What have we learnt? (15')**

**Richard Ohye MD**

Pediatric Cardiac Surgery

CS Mott Children's Hospital, Ann Arbor, MI



- **Practice makes Perfect: Is regionalization the answer to improving outcomes? (15')**

**Tara Karamlou MD**

Pediatric Cardiac Surgery

Cleveland Clinic, Cleveland, OH



- **Improving through collaborative learning: Lessons learnt from PC4, The Pediatric Cardiac Critical Care Consortium (15')**

**Michael Gaies MD, MPH, MS**

Pediatric Cardiology

CS Mott Children's Hospital, Ann Arbor, MI



- **Competing Hospitals, Complex patients & Collaborative initiatives: How the NPCQIC improves care and outcomes for babies with HLHS (15')**

**Nancy Ghanayem MD, MS**

Pediatric Cardiac Critical Care

University of Chicago, Chicago, IL



- **The Right patient, the Right time: Mastering the Learning Curve for Fetal Intervention (15')**

**Wayne Tworetzky MD**

Pediatric Cardiology

Boston Children's Hospital, Boston, MA



- **HLHS: On the horizon and the next Moonshot (15')**

**James Tweddell MD**

Pediatric Cardiac Surgery

Cincinnati Children's Hospital Medical Center

Cincinnati, OH



- **Expert Panel Discussion and Live Q/A**



**Towards understanding & optimizing  
neurodevelopmental outcomes**

**October 28, 2020**

3:30 PM US EST- 5:30 PM US EST

Session length= 120'



Gil Wernovsky MD

- **Factors influencing neurodevelopmental outcomes in neonates with CHD: Deciphering the modifiable & the unmodifiable (15')**

**Gil Wernovsky MD**

Pediatric Cardiology  
Children's National Hospital, Washington, DC



- **Stress and Pregnancy: How does maternal stress affect the fetal brain and neonatal outcomes? (15')**

**Catherine Monk PhD**

Psychologist  
Columbia University Medical Center, New York, NY



- **The Neuroscience of Socioeconomic status: How does poverty affect brain structure and function? (15')**

**Kimberly Noble MD, PhD**

Neuroscientist and Pediatrician  
Columbia University Teachers College New York, New York



- **Painful experiences and brain structure in preterm infants (15')**

**Steven Miller MD**

Pediatric Neurology  
The Hospital for Sick Children, Toronto, Ontario, CA



- **Placenta and the developing brain (15')**

**Anna Penn MD, PhD**

Neonatology  
Columbia University Medical Center, New York, NY



- **Developmentally Supportive Care: The Body, The Soul, The Environment (15')**

**Rune Toms MD, MSc.**

Neonatal Cardiac Critical Care  
Joe DiMaggio Children's Hospital  
Hollywood, FL



- **Expert Panel Discussion and Live Q/A**

**Trisomy 13/18:**  
**Exploring the changing landscape of interventions**

**October 29, 2020**

10:00 AM US EST- 12 NOON US EST

Session Length =120'



John P Cleary MD

- **Interventions for children with Trisomy 13 and 18 (20')**

**Annie Janvier MD**

Neonatology/Researcher

CHU, Sainte Justine Mother and Child University

Hospital Center, Montreal, Quebec, CA



- **Parent Perspective (20')**

**Barbara Farlow B. Eng. Sci, MBA**

Parent

Ontario, CA



- **Surgical Perspective (20')**

**James M Hammel MD**

Cardiac Surgery

University of Nebraska Medical Center

Omaha, NE



- **Supporting families: Perspectives of a Palliative Care physician (20')**

**Meaghann Weaver MD, MPH**

Palliative Care Medicine

University of Nebraska Medical Center

Omaha, NE



- **Treatment Decisions in Gray Zones (20')**

**John Lantos MD**

Ethicist

Children's Mercy Hospital,

Kansas City, MO



- **Expert Panel Discussion and Live Q/A (20')**

**PREMIUM ACCESS**  
**Plenary Session**

**Hemodynamics Club**

**October 29, 2020**

10:00 AM US EST- 12 NOON US EST

Session Length =120'

Moderator



Patrick McNamara MD

- **Integrating blood pressure in the care of sick newborns (20')**

**Regan Giesinger MD**

Neonatology

University of Iowa Stead Family Children's Hospital,  
Iowa City, IA



- **My Approach to a premature infant with hypotension (20')**

**Keith Barrington MD**

Neonatology

CHU, St. Justine, Montreal, Quebec, Canada



- **Beyond blood pressure and heart rate: new tools to assess circulatory health (NIRS, PI, PVI, ICON) (20')**

**Nimrod Goldshtrom MD**

Neonatal Cardiac Intensive Care

Columbia University Medical Center, New York, NY



- **Using targeted neonatal ECHO to guide therapy (20')**

**Gabriel Altit MD**

Neonatology

McGill University Health Center, Montreal, Quebec, CA



- **TnECHO: How to accelerate adoption (20')**

**Patrick McNamara MD**

Neonatology

University of Iowa Stead Family Children's Hospital  
Iowa City, IA



- **Expert Panel Discussion and Live Q/A (20')**

# PREMIUM ACCESS Break out Session

## Family and Communication

**October 29, 2020**

12:30 PM US EST- 1:30 PM US EST

Session length=60'

Moderator



John P Cleary MD

- **What are meaningful outcomes for families? (15')**

**Annie Janvier MD**

Neonatology, Researcher

CHU, Sainte Justine, Montreal, Quebec, CA



- **Life limiting condition: A parent's voice (15')**

**Barbara Farlow B. Eng. Sci, MBA**

Parent

Ontario, CA



- **Parental stress: What can we do better? (15')**

**Nadine Kasparian PhD**

Psychology

Cincinnati Children's Hospital

Cincinnati, OH



- **Expert Panel Discussion and Live Q/A (15')**



**PREMIUM ACCESS**  
**Break out Session**

**Science, Ethics and Controversies**

**October 29, 2020**

12:30 PM US EST- 1:30 PM US EST

Session length=60'

Moderator



George E Hardart MD, MPH

- **CRISPR, Gene Edits and Gene Drives:  
Bioethics of genetic engineering (15')**

**Wendy Chung MD, PhD**

Columbia University Medical Center  
New York, NY



- **Futility (15')**

**John Lantos MD**

Ethicist  
Children's Mercy Hospital  
Kansas City, MO



- **Resuscitation at 22 weeks: Lessons from Iowa (15')**

**Edward F Bell MD**

Neonatology  
University of Iowa Stead Family Children's Hospital  
Iowa City, Iowa



- **Expert Panel Discussion and Live Q/A (15')**

**PREMIUM ACCESS**  
**Break out Session**  
**A joint Neonatal Heart Society**  
**Sociedad Española de Neonatología**  
**Spanish Maternal, Infant and**  
**Developmental Network Session**

**Resuscitation in the Delivery Room:**  
**recent concepts**

**October 29, 2020**

1:30 PM US EST- 2:30 PM US EST

Session length=60'

Moderator



Máximo Vento Torres MD

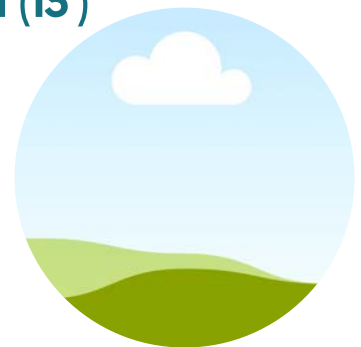
- **Resuscitation in the delivery room with an intact cord (15')**

**Ronny Knol MD**

Neonatology

Erasmus Medical Center

Rotterdam, Netherlands



- **The relevance of the first five minutes after birth (15')**

**Maximo Vento Torres MD, PhD**

Neonatology

University and Polytechnic Hospital La Fe,

Valencia, Spain



- **Initiation of resuscitation with a higher or lower initial inspired fraction of oxygen (15')**

**Satyan Lakshminrusimha MD**

Neonatology

UC Davis Children's Hospital

Sacramento, CA



- **Live Q/A (15')**

# PREMIUM ACCESS Plenary Session

Moderator



Tina Leone MD

## Resuscitation 2020

October 29, 2020

3:30 PM US EST- 5:30 PM US EST

Session length= 120'

- **Re-examining Epinephrine: What can we learn from pre-clinical studies? (15')**

**Satyan Lakshminrusimha MD**

Neonatology

UC Davis Children's Hospital

Sacramento, CA



- **Addressing the Algorithm Confusion: When does NRP end, and PALS begin? (15')**

**Taylor Sawyer, DO, MEd, CHSE-A**

Neonatology

Seattle Children's Hospital, Seattle, WA



- **Should you "cool" after arrest in the ICU? Review of Neonatal Hypothermia and THAPCA Trials (15')**

**Vinay Nadkarni MD**

Pediatric Critical Care

Children's Hospital of Philadelphia

Philadelphia, PA



- **The drugs we use (and misuse) in the ICU during CPR (15')**

**Amélie Collins MD**

Neonatology

Columbia University Medical Center, New York, NY



- **Update from the International Liaison Committee on Resuscitation- ILCOR (15')**

**Myra H Wyckoff MD**

Neonatology

UT Southwestern Medical Center

Dallas, TX



- **Beyond hypothermia: Xenon, erythropoietin, Darbepoetin and other therapies under investigation (15')**

**Robin Ohls MD**

Neonatology

University of Utah, Salt Lake City, UT



- **Expert Panel Discussion and Live Q/A**



Carl H Backes MD



## **PREMIUM ACCESS** **Plenary Session**

### **Patent Ductus Arteriosus in Preterm infants**

**October 30, 2020**

10:00 AM US EST- 12:00 noon US EST

Session length= 120 minutes

- **Rational Approach to PDA management (20')**

**Patrick McNamara MD**

Neonatology

University of Iowa Health Care,  
Iowa City, IA

- **What is a hemodynamically significant PDA? (20')**

**Shazia Bhombal MD**

Neonatology

Stanford University Medical Center,  
Palo Alto, CA

- **Leaving the PDA alone: understanding the natural history of PDA in VLBW babies (20')**

**William Benitz MD**

Neonatology

Stanford University Medical Center,  
Palo Alto, CA

- **Transcatheter percutaneous closure of PDA in preterm infants: Where do we stand in 2020? (20')**

**Shyam Sathanandam MD**

Pediatric Cardiology

Le Bonheur Children's Hospital,  
Memphis, TN

- **Equipoise for a Randomized Controlled Trial? (20')**

**Ronald Clyman MD**

Neonatology

University of California San Francisco  
San Francisco, CA

- **Expert Panel Discussion and live Q/A (20')**



**PREMIUM ACCESS**  
**Plenary Session**

**SPOTLIGHT on Pulmonary vein stenosis in premature infants**

**October 30, 2020**

12:30 PM US EST- 2:30 PM US EST

Session length= 120 minutes

Moderator



Carl H Backes MD

- Pulmonary vein stenosis in preterm infants: an overview of a diagnosis commonly overlooked (20')**

**Steven Abman MD**

Pediatric Pulmonology  
Children's Hospital, Colorado,  
Aurora, CO



- Sutureless Repair of pulmonary vein stenosis: A surgeon's perspective (20')**

**Christopher Caldarone MD**

Pediatric Cardiac Surgery  
Texas Children's Hospital,  
Houston, TX



- From cutting balloons to drug eluting stents: what can we do in the Cath. lab? (20')**

**Matthew Crystal MD**

Pediatric Cardiology  
Columbia University Medical Center,  
New York, NY



- Targeting with Biologic inhibition agents: Does it work? (20')**

**Ryan Callahan MD**

Pediatric Cardiology  
Boston Children's Hospital,  
Boston, MA



- Registry for pulmonary vein stenosis: an update (20')**

**Rachel Vanderlaan MD PhD**

Pediatric Cardioac Surgery  
Columbia University Medical Center, New York



- Expert Panel Discussion and Live Q/A (20')**

# **PREMIUM ACCESS**

## **Plenary Session**

### **Pulmonary Hypertension 2020**

**October 30, 2020**

3:30 PM US EST- 5:30 PM US EST

Session length= 120'

Moderator



Usha Krishnan MD

- **Pathobiology of pulmonary hypertension in BPD: Novel insights (20')**

**Steven Abman MD**

Pediatric Pulmonology

Children's Hospital of Colorado, Aurora, CO



- **iNO in preterm infants -Always, Sometimes, Never (20')**

**John Kinsella MD**

Neonatology

Children's Hospital of Colorado, Aurora, CO



- **Pulmonary Hypertension in Congenital Diaphragmatic Hernia (20')**

**Satyan Lakshminrusimha MD**

Neonatology

UC Davis Children's Hospital, Sacramento, CA



- **Beyond iNO: Drugs to treat PPHN of the newborn (20')**

**Jeff Fineman MD**

Pediatric Critical Care

UCSF School of Medicine, San Francisco, CA



- **Drugs to treat pulmonary hypertension in BPD (20')**

**Robin Steinhorn MD**

Neonatology

UCSD, San Diego, CA



- **Case Discussion Expert Panel Discussion and Live Q/A (20')**

**Usha Krishnan MD**

Pediatric Cardiology

Columbia University Medical Center, New York, NY



**PREMIUM ACCESS**  
**Plenary Session**

**Charlie Kleinman Fetal Cardiology Symposium**

**October 28, 2020**

10:00 AM US EST- 12 NOON US EST

Session Length =120'

- **Introduction (2')**

**Stéphanie Levasseur MD**

Pediatric Cardiology

Columbia University Irving Medical Center

New York, New York

- **Cardiac screening-How are we doing? (18')**

**Lynn Simpson MD**

Maternal Fetal Medicine

Columbia University Irving Medical Center

New York, New York

- **4D Fetal ECHO (20')**

**Julia Solomon MDCM, FACOG**

Maternal Fetal Medicine

Fetal Diagnostic Center of Arizona

Chandler, Arizona

- **Fetal cardiac function in congenital heart disease (20')**

**Jennifer Cohen MD**

Pediatric Cardiology

Mount Sinai Medical Center

New York, New York

- **Cardiac MRI and fetal hemodynamics (20')**

**Mike Seed MD MBBS, MRCPCH, FRCR**

Pediatric Cardiology

The Hospital for Sick Children

Toronto, Canada

- **Fetal arrhythmias: State of the Art (20')**

**Bettina Cuneo MD**

Pediatric Cardiology

Children's Hospital Colorado

Aurora, Colorado

- **Live Q/A (20')**

Moderator



Fraser Golding MD



**NEOHEART 2020**

**FETAL CARDIOLOGY SYMPOSIUM**

**CHARLIE KLEINMAN MEMORIAL LECTURE**



**LISA HORNBERGER MD**

Fetal Cardiology: From M Mode to  
early cardiac imaging

**OCTOBER 28, 2020,**

**12:30 PM US EST- 1:10 PM PM US EST**



# ABOUT LISA HORNBERGER MD



Dr Hornberger Lisa K is currently working as professor of Pediatrics & OB/Gyn. She is director of Fetal & Neonatal Cardiology Program and Section Head of Pediatric Echocardiography, Stollery Children's Hospital, Alberta, Canada. She is also research member in University of Alberta Women's & Children's Health Research Institute, Mazankowski Alberta Heart Institute and Cardiovascular Research Centre. Her Research is focused on the prenatal diagnosis, natural evolution, management and outcome of structural, functional and rhythm related cardiovascular disorders detected in utero. She also had experience in fundamental sciences, exploring factors that influence myocyte proliferation using a human fetal myocyte cell culture system and cardiovascular imaging of various animal models, and in population based research, screening over 10,000 pregnancies in the metropolitan Toronto area for maternal autoantibodies. Dr. Hornberger has established 4 world class Fetal Cardiovascular Programs at the Boston Children's Hospital, Harvard Medical School (1992-1996), the University of Toronto (1996-2003), the University of California, San Francisco in collaboration with the internationally recognized UCSF Fetal Treatment Center (2003-2008), and now at the University of Alberta.

**PREMIUM ACCESS**  
**Plenary Session**

**Charlie Kleinman Fetal Cardiology Symposium**

**October 28, 2020**

12:30 PM US EST- 2:30 PM US EST

Session Length =120'

Moderator



Fraser Golding MD

- **Fetal cardiac intervention: beyond critical aortic stenosis (20')**

**Wayne Tworetzky MD**

Pediatric Cardiology  
Boston Children's Hospital  
Boston, Massachusetts



- **Maternal Hyperoxygenation: from prediction to treatment (20')**

**David Schidlow MD**

Pediatric Cardiology  
Boston Children's Hospital  
Boston, Massachusetts



- **Perinatal physiology- how are we at predicting critical hemodynamics (20')**

**Lindsay Freud MD**

Pediatric Cardiology  
The Hospital for Sick Children  
Toronto, Canada



- **Live Q/A (20')**

NEOHEART

20

20

FACULTY



COLUMBIA  
COLUMBIA UNIVERSITY  
DEPARTMENT OF PEDIATRICS



Neonatal Heart Society



NewYork-Presbyterian **KIDS**  
Morgan Stanley Children's Hospital



## CONFIRMED FACULTY



Patrick McNamara MD  
Director of the Division of Neonatology  
Vice Chair for Inpatient Acute Care  
University of Iowa Stead Family Children's Hospital  
Professor of Pediatrics and Internal Medicine, University of Iowa.  
Iowa City, Iowa



Steven Abman MD  
Professor, Pediatrics-Pulmonary Medicine  
Co-Director, Pediatric Pulmonary Hypertension Program  
Children's Hospital Colorado  
Anschutz Medical Campus  
Aurora, Colorado



Robin Steinhorn MD  
Senior Vice President and Executive Director,  
Rady Children's Specialists of San Diego  
President, Children's Specialists of San Diego  
Vice Dean for Children's Clinical Services, UCSD  
San Diego, CA



Ronald Clyman MD  
Professor of Pediatrics Emeritus  
University of California San Francisco  
San Francisco, California



John Kinsella MD  
Professor of Pediatrics, Section of Neonatology,  
Pediatric Heart Lung Center,  
Colorado Fetal Care Center,  
University of Colorado School of Medicine  
Children's Hospital Colorado  
Aurora, Colorado



## CONFIRMED FACULTY



Satyan Lakshminrusimha MD  
Professor of Pediatrics; Dennis and Nancy Marks Chair of Pediatrics  
UC Davis Health  
Pediatrician-In-Chief  
UC Davis Children's Hospital  
Sacramento, California



Jeffrey R. Fineman MD  
Division Chief, Critical Care Medicine and Pulmonary Hypertension  
Professor of Pediatrics,  
UCSF School of Medicine  
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Usha Krishnan MD, DM, FAHA  
Professor of Pediatrics at CUMC  
Associate Director, Pulmonary Hypertension Center  
Columbia University Vagelos College of Physicians and Surgeons  
New York, New York



William E Benitz MD  
Philip Sunshine Professor in Neonatology, Emeritus  
Stanford University School of Medicine  
Palo Alto, California



John Lantos MD  
Professor of Pediatrics  
University of Missouri-Kansas City School of Medicine  
Director of Pediatric Bioethics  
Children's Mercy Hospital  
Kansas City, Missouri

## CONFIRMED FACULTY



Robert Bartlett MD  
Professor Emeritus, General Surgery  
Michigan Medicine  
University of Michigan Medical School  
Ann Arbor, Michigan



Richard Ohye MD  
Professor of Surgery,  
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C.S. Mott Children's Hospital  
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Aparna Hoskote MD  
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Ravi Thiagarajan MBBS, MPH  
Chief and Callaghan Family Chair in Cardiac Intensive Care  
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Boston Children's Hospital  
Professor of Pediatrics,  
Harvard Medical School  
Boston, MA



C Heleen van Ommen MD, PhD  
Head Department Pediatric Hematology/Oncology  
ErasmusMC Sophia Children's Hospital  
Rotterdam, Netherlands

## CONFIRMED FACULTY



Vinay Nadkarni MD  
Professor of Anesthesiology, Critical Care, and Pediatrics  
Founding Director, CHOP Center for Pediatric Resuscitation  
University of Pennsylvania Perelman School of Medicine  
Philadelphia, Pennsylvania



Shyam Sathanandam MD, FSCAI  
Associate Professor  
The University of Tennessee Health Science Center  
Medical Director, Interventional Cardiac Imaging &  
Interventional Catheterization Laboratory  
Director of the Large Animal Cardiovascular Research Center  
Le Bonheur Children's Hospital  
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Sudha Kashyap MD  
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Columbia University Vagelos College of Physicians and Surgeons  
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Associate Professor of Pediatrics  
University of Washington School of Medicine  
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William Middlesworth MD  
R. Peter Altman, MD Professor of Pediatric Surgery  
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## CONFIRMED FACULTY



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Co-Director, Microprogram and Masters and PhD Programme in Clinical Ethics  
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Neonatologist and Clinical Researcher, Neonatal Intensive Care Unit,  
Clinical Ethics Unit, Palliative Care Unit  
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Ganga Krishnamurthy MBBS  
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Garrett Isaac Neubauer Associate Professor of Pediatrics  
Medical Director, Infant Cardiac Unit  
New York-Presbyterian Morgan Stanley Children's Hospital  
Columbia University Irving Medical Center,  
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Carl H Backes MD  
Assistant Professor, Department of Pediatrics  
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Attending Neonatologist and Attending Cardiologist  
Nationwide Children's Hospital  
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Tina Leone MD  
Associate Professor of Pediatrics  
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## CONFIRMED FACULTY



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Associate Professor of Surgery; Director of Research and Education  
Cleveland Clinic Children's and the Heart Vascular Institute  
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Professor of Pediatrics  
Chief, Pediatric Critical Care Medicine  
University of Chicago and Comer Children's Hospital  
Director of Quality and Data Analytics for the Chicagoland  
Children's Health Alliance Cardiovascular Service line  
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Director, Fetal Cardiology Program  
Boston Children's Hospital  
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James Tweddell MD

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## CONFIRMED FACULTY



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Director of Research, Children's Heart Center  
Professor of Pediatrics  
Medical University of South Carolina  
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Emile Bacha MD  
Calvin F Barber Professor of Surgery  
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Chair and Professor, Department of Nutritional Sciences  
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Catherine Monk PhD  
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Gynecology, and Psychiatry)  
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Research Scientist VI  
New York State Psychiatric Institute  
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Kimberly Noble MD, PhD  
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Regional Director of Neonatology; Associate Director, CVICU,  
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William Speck Professor & Executive Vice Chair, Department of Pediatrics  
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Director, Pediatric Heart Valve Center  
Surgical Director, Initiative for Pediatric Cardiac Innovation  
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Chief, UPMC Newborn Medicine Program  
Director of Neonatal Cardiovascular Research, Heart Institute  
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Columbia University Irving Medical Center  
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Myra H. Wyckoff MD  
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Director, Newborn Resuscitation Services  
Parkland Health and Hospital System  
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Nadine Kasparian, PhD  
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University of Cincinnati College of Medicine  
Director, Cincinnati Children's Center for Heart Disease  
and the Developing Mind  
Behavioral Medicine & Clinical Psychology and the Heart Institute  
Cincinnati Children's Hospital,  
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## CONFIRMED FACULTY



David S Cooper MD, MPH  
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**NEOHEART 2020**  
**CARDIOVASCULAR MANAGEMENT**  
**OF THE NEONATE**

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