

SHINE Neonatology Conference

The Florida Hotel & Conference Center | Orlando, Florida

Symposium on Health Innovation and Neonatal Excellence



Course Name: SHINE: Symposium on Health Innovation and Neonatal Excellence

Activity Number: EMCC006

Location: Live | 1500 Sand Lake Road, Orlando, FL 32809

Date: January 21-23, 2026

OVERVIEW

We invite you to the Symposium on Health Innovation and Neonatal Excellence, SHINE 2026. Over three days, this conference will provide a comprehensive overview of several cutting-edge topics in neonatology. World renowned speakers will provide attendees with state-of-the-art knowledge in several areas related to innovations in fetal and neonatal surgery, artificial intelligence in neonatal health, telemedicine, state-of-the-art clinical trials, quality improvement in neonatology, innovations in nursing, and strategies to prevent chronic lung disease and lung injury in neonates. In addition, the conference will also feature a hands-on workshop session. This program will also be valuable for physicians who are preparing for or maintaining board certification in general pediatrics and neonatal-perinatal medicine.

WHO SHOULD PARTICIPATE

This activity is designed for neonatologists, pediatricians, neonatal nurses, nurse practitioners, physician assistants, respiratory therapists, residents, fellows, students and other professionals interested in neonatal-perinatal medicine.

By participating you will be able to:

1. Outline the use of artificial intelligence in neonatal disease prediction.
2. Provide an overview and discuss the recent advances in fetal and neonatal surgical care.
3. Provide an overview of the cutting-edge neonatal breakthroughs in the management of patent ductus arteriosus, neonatal ventilation, bronchopulmonary dysplasia and hypoxic ischemic encephalopathy.
4. Discuss novel quality improvement techniques in the NICU to improve neonatal safety and quality.
5. Discuss parental trauma and informed care in the NICU.
6. Provide an overview of advances in telemedicine in remote resuscitation of newborns and telehealth.
7. Discuss the reproducibility, compliance and reliability of the bubble CPAP. Describe the best strategies for its implementation into medical practice, and identify outcomes associated with its use. Understand expert solutions to technical challenges in the bubble CPAP circuit or setup.
8. Provide a hands-on simulation session to improve neonatal care in the NICU.

Day 1: Wednesday, January 21, 2026	
8:00 a.m.	Welcome remarks
Rebooting Neonatal Medicine with AI	
8:05-8:45 a.m.	The new eye in the NICU: Can we believe what algorithms see? Speaker: Ryan McAdams, MD
8:45-9:25 a.m.	AI and the practice of medicine Speaker: William Morris, MD
9:25-10:05 a.m.	Wearable physiologic sensors in neonatology: scratching (under) the surface Speaker: Animesh Tandon, MD
10:05- 10:15	Q & A
10:15- 10:30	Break
Neonatal Neurology: From the NICU to Neurodevelopment	
10:30-11:10 a.m.	Enabling life participation with neuro-technologies for children with perinatal brain injury Speaker: Adam Kirton, MD
11:10-11:50 a.m.	HIE: Bedside to benchtop and back again Speaker: Kenji Cunnion, MD
11:50 a.m. - 12:30 p.m.	Advancing genetic diagnoses and therapies in the NICU Speaker: Pankaj Agrawal, MD
12:30-12:45 p.m.	Q & A
12:45-2:00	Lunch Top Innovations Awards (1): Transforming Tiny Lives
Neonatal Breakthroughs: State-of-the-Art Clinical Trials	
2:00- 2:40 p.m.	Prophylactic & early treatment of PDA with paracetamol Speaker: Professor Jean-Christophe Rozé, MD
2:40-3:20 p.m.	The evolving paradigm of prenatal therapy for cystic fibrosis Speaker: Michael Zaretsky, MD
3:20- 4:00 p.m.	The shifting paradigm of “necrotizing enterocolitis” in preterm infants: Implications for therapeutics Speaker: Josef Neu, MD
4:00-4:15 p.m.	Q & A
4:15 p.m.	Closing remarks
4:15- 5:00 p.m.	Abstract presentation

Day 2: Thursday, January 22, 2026

8:00 a.m.	Welcome remarks
-----------	-----------------

Safety in Action: Cultivating Care and Learning Through Case Studies

8:05-8:50 a.m.	Has quality improvement transformed outcomes in neonatology? Speaker: Munish Gupta, MD
----------------	---

8:50-9:35 a.m.	Practically highly reliable: Are we there yet? Speaker: Shannon Phillips, MD
----------------	---

9:35-9:50 a.m.	Q & A
----------------	-------

9:50-10:00 a.m.	Break
-----------------	-------

No Place Like Home: The NICU Follow-Up Frontier

10:00-10:40 a.m.	NICU discharge: A milestone, not the finish line. Supporting medically complex infants at home Speaker: Mollie Warren, MD
------------------	---

10:40-11:20 a.m.	Transitioning from NICU to Home: Understanding and supporting the home psychosocial-social environment Speaker: Elisabeth McGowan, MD
------------------	---

11:20 a.m. - 12:00 p.m.	Simple babies, complex needs: The case for post-NICU follow-up of late preterm and term infants Speaker: Anirudha Das, MD
----------------------------	---

12:00- 12:15 p.m.	Q & A
-------------------	-------

12:15-2:00 p.m.	Lunch Top Innovations Awards (2): Transforming Tiny Lives
-----------------	---

Family-Centered Care: Redefining Care Through Collaboration

2:00-2:40 p.m.	The effect of the NICU environment on parents' participation: A focus on the father's role Speaker: Liisa Lehtonen, MD
----------------	--

2:40-3:20 p.m.	The neuroscience of nurture in the NICU: Impacts on brain and language development Speaker: Raylene Phillips, MD
----------------	--

3:20-4:10 p.m.	Break
----------------	-------

4:10-4:50 p.m.	Changing the culture of care: Implementation of family-integrated care across Alberta NICUs Speaker: Karen Benzies, PhD, RN
----------------	---

4:50-5:00 p.m.	Q & A
----------------	-------

5:00 p.m.	Closing remarks
-----------	-----------------

Day 3: Friday, January 23, 2026**The Hands-on Workshops (Various faculty)**

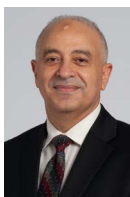
8:00- 8:10 a.m.	Introduction and logistics
8:10- 9:40 a.m.	Hands-on application of bubble CPAP in NICU
9:40-9:50 a.m.	Break
9:50-11:20 a.m.	Statistical process control for quality improvement: Introduction to run charts and control charts
11:20-11:30 a.m.	Break
11:30 a.m. - 12:40 p.m.	New approach for golden hour workshop



DIRECTOR

Hany Aly, MD, MSHS, FAAP

Chairman, Division of Neonatology
Cleveland Clinic Children's
Professor of Pediatrics, Ob-Gyn & Reproductive Biology
Case Western Reserve University LCM



CO-DIRECTOR

Mohamed A Mohamed, MD, MS, MPH, FAAP

Vice Chair, Division of Neonatology
Professor of Pediatrics
Case Western Reserve University LCM
Cleveland Clinic Children's

CLEVELAND CLINIC PLANNING COMMITTEE

Jalal Abu-Shaweesh, MD, MBA

Professor of Pediatrics
Case Western Reserve University LCM
Staff Neonatologist
Cleveland Clinic Children's

Ceyda Acun, MD

Associate Medical Director, Neonatology
Cleveland Clinic Children's
Associate Professor of Pediatrics
Case Western Reserve University LCM

Carol Bennett, MSN, MBA, APRN, PCNS-BC, CCRN, CPN

Pediatric Clinical Nurse Specialist
Nursing Education & Professional Practice
Cleveland Clinic

Anirudha Das, MD, MPH, FAAP

Assistant Professor of Pediatrics
Cleveland Clinic Children's
Case Western Reserve University LCM

John Dickson, RT

Respiratory Therapist
Cleveland Clinic Children's

Tina DiFiore, MSN, CNS, NNP-BC, RN

Clinical Nurse Specialist
Nurse Practitioner
Cleveland Clinic Children's

Hatem Eltaly, MD

Research Fellow – Project Manager
Cleveland Clinic Children's

Christopher Heinrich, PA-C

Hospital Medicine
Cleveland Clinic

Tracy McAlpine Peterson

Administrative Program Coordinator
Cleveland Clinic Children's

Firas Saker, MD

Medical Director
Chair, Quality Improvement
Cleveland Clinic Children's
Clinical Professor of Pediatrics
Case Western Reserve University LCM

Prem Shekhawat, MD

Professor of Pediatrics
Case Western Reserve University LCM
Staff Neonatologist
Cleveland Clinic Children's

Natalie Yeane, MD

Neonatal Director, Fetal Care Center
Cleveland Clinic Children's

GUEST FACULTY



Pankaj Agrawal, MD, MMSC, Physician-in-Chief
Holtz Children's Hospital
Chief of Neonatology, Jackson Health System and
University of Miami School of Medicine
Project NewBorn Distinguished Chair in Neonatology
Professor of Pediatrics and Genetics
University of Miami School of Medicine
Miami, FL, USA
pagrawal@miami.edu



Karen M. Benzies, PhD, RN
Professor, Faculty of Nursing, Director, Social
Innovation Initiative, Vice President Research Office
Adjunct Research Professor, Cumming
School of Medicine
Alberta Children's Hospital Research Institute
University of Calgary, Canada
benzies@ucalgary.ca



Kenji Cunnion, MD, MPH, FAAP
Professor in the Department of Pediatrics and the
Department of Microbiology and Molecular Cell
Biology, Eastern Virginia Medical School, Virginia
Health Sciences, Old Dominion University,
Norfolk, VA, USA
ReAlta Life Sciences
kcunnion@realtals.com



Anirudha Das, MD, MPH, CPAHA, FAAP
Assistant Professor of Pediatrics, Case Western
Reserve University LCM
Medical Director of Neonatal Virtual Health,
Cleveland Clinic Children's
Cleveland, OH, USA
dasa@ccf.org



Munish Gupta, MD, MMSc
Staff Neonatologist, Director of Quality Improvement
for the Department of Neonatology
Beth Israel Deaconess Medical Center (BIDMC)
Assistant Professor in Pediatrics
Harvard Medical School
Boston, MA, USA
mgupta@bidmc.harvard.edu



Adam Kirton, MD, MSc, FRCP
Professor of Pediatrics and Clinical Neurosciences
Dr. Robert Haslam Chair in Pediatric Neurology
Cumming School of Medicine, University of Calgary
Pediatric Neurologist, Alberta Children's Hospital,
Canada
Adam.Kirton@albertahealthservices.ca



Liisa Lehtonen, MD
Director of the Division of Neonatology at Turku
University Hospital
Professor in Pediatrics
University of Turku, Finland
liisa.lehtonen@utu.fi



Ryan McAdams, MD
Professor of Pediatrics, Neonatologist
Division of Neonatology & Newborn Nursery
Division of Global Pediatrics
University of Wisconsin School of Medicine and
Public Health, Madison, WI, USA
mcadams@pediatrics.wisc.edu



Elisabeth McGowan, MD
Associate Professor of Pediatrics
Warren Alpert Medical School of Brown University
Staff Neonatologist
Medical Director, Neonatal Follow-Up Clinic
Women and Infants Hospital of Rhode Island
Rhode Island, USA
emcgowan@wihri.org



William Morris, MD, MBA, FACP
Chief Medical Officer,
Ambience Healthcare
San Francisco, CA, USA
will.morris@ambiencehealthcare.com



Josef Neu, MD
Professor of Pediatrics
University of Florida, Gainesville, FL, USA
neuj@peds.ufl.edu



Raylene Phillips, MD, MA, FAAP, FABM, IBCLC
Associate Professor of Pediatrics/Neonatology
Loma Linda University Children's Hospital
Pediatric Department Chair
Medical Director of Neonatal Services
Loma Linda University Medical Center-Murrieta
CA, USA
rphillips@llu.edu



Shannon Phillips, MD, MPH, FAAP, SFHM
Former (retired) Chief Quality and Safety Officer and
Chief Experience Officer
Intermountain Health, Salt Lake City, UT, USA
shannon@sconnorphillips.net



Jean-Christophe Rozé, MD
Professor Emeritus of Pediatrics, Nantes University,
France
jean-christophe.roze@inserm.fr



Animesh Tandon, MD, MS, FAAP, FACC, FAHA
Director of Cardiovascular Innovation, Children's
Institute Department of Heart, Vascular & Thoracic
Division of Cardiology & Cardiovascular Medicine
Vice Chair for Innovation, Cleveland Clinic Children's
Associate Professor of Pediatrics, Case Western
Reserve University LCM, Adjunct Assistant Professor,
Department of Biomedical Engineering, Case Western
Reserve University School of Engineering
Cleveland, OH, USA
tandona2@ccf.org



Mollie Warren, MD
Director, NICU Transition to Home Program
Instructor in Pediatrics, Harvard Medical School
Boston, MA, USA
mwarren7@bwh.harvard.edu



Michael V. Zaretsky, MD
Professor, Department of Obstetrics and Gynecology
Division of Maternal Fetal Medicine
University of Colorado School of Medicine
Research Director, Colorado Fetal Care Center
Children's Hospital of Colorado, CO, USA
Michael.Zaretsky@childrenscolorado.org

ACCREDITATION

In support of improving patient care, Cleveland Clinic Center for Continuing Education 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.

CREDIT DESIGNATION

American Medical Association (AMA)

Cleveland Clinic Foundation Center for Continuing Education designates this internet live activity for a maximum of 17.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity. Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

American Nurses Credentialing Center (ANCC)

Cleveland Clinic Center for Continuing Education designates this internet live activity for a maximum of 17.25 ANCC contact hours.

American Academy of PAs (AAPA)

Cleveland Clinic Center for Continuing Education has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 17.25 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

Certificate of Participation

A certificate of participation will be provided to other health care professionals for requesting credits in accordance with their professional boards and/or associations.

MOC American Board of Pediatrics (ABP)

Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn up to 17.25 MOC points in the American Board of Pediatrics' (ABP) Maintenance of Certification (MOC) program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABP MOC credit.

FACULTY DISCLOSURE:

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Integrity and Independence requiring mitigation of all faculty conflicts of interest. Faculty declaring a relevant financial relationship will be identified in the activity syllabus.

AMERICANS WITH DISABILITIES ACT

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify us at least two weeks prior to the activity.

REGISTRATION

Cleveland Clinic Employee Registration
clevelandclinicchildrens.org/CCShine

Non-Cleveland Clinic Provider Registration
clevelandclinicchildrens.org/Shine26

For questions about registration, email cmeregistration@ccf.org or call 216.448.8710. Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion.