

5th ANNUAL WISCONSIN NEONATOLOGY DAY

April 4th, 2025



Join our neonatal caregiver meeting with
colleagues presenting their latest research from
UW-Madison and MCW/Children's WI.
Available in-person or virtually.

The Primary Objectives

- Provide the opportunity for the sharing of scholarly work focused on the care of infants.
- Further the relationship and collaborative culture between Wisconsin Neonatal Intensive Care Units.

Location

HSLC

750 Highland Ave

Room 1220-1222

Madison WI 53705

*Please Complete the Qualtrics Survey Below to
Indicate Your Attendance Preference:*

https://uwmadison.co1.qualtrics.com/jfe/form/SV_bOcE0zAczaw38Ro

Virtual Join Zoom Meeting

<https://uwmadison.zoom.us/j/94343819320?from=addon>

Meeting ID: 943 4381 9320

Passcode: 04042025

Agenda

8:30am-8:40am	Ryan McAdams Professor University of Wisconsin	Introductory Remarks
8:40am-9:40am	Ravi Patel Professor Emory University	Causation or Confusion: Anemia, Transfusion and Necrotizing Enterocolitis
9:40am-10:00am	Joshua Gollub NICU Fellow University of Wisconsin	Mitigating Acceleration Forces During Neonatal Transport Using a Novel Spring and Dampener
10:00am-10:20am	Isabella Eiler NICU Fellow Medical College of Wisconsin	“Where’s the cord gas?” Missed Opportunities for Neonatal Assessments When Standardized Guidelines for Collection Are Not Established
10:20am-10:40am	BREAK	
10:40am-11:00am	Leela Shah PhD Candidate University of Wisconsin	MRI Relaxometry Reveals Associations Between the Area Deprivation Index and Pediatric White Matter Myelination
11:00am-11:20am	Chloe Salzman NICU Fellow Medical College of Wisconsin	Timing and Intensity of Lactation Support Influences NICU Discharge on Maternal Milk

11:20am-11:40am	Derek Gross Medical Student University of Wisconsin	Renal Oxygenation Increases With Postmenstrual Age in Preterm Neonates
11:40am-12:00pm	Margaret Kvale Medical Student Medical College of Wisconsin	Transition to tracheostomy: Predicting complications and choosing the right airway
12:00pm-1:00pm	LUNCH BREAK	
1:00pm-1:20pm	Ann Chacko NICU Fellow University of Wisconsin	Lung Ultrasound score to Assess extubation success in neonates on invasive mechanical ventilation
1:20pm-1:40pm	William Scott NICU Fellow Medical College of Wisconsin	Identifying Novel Risk Factors for Tracheostomy in Grade III Bronchopulmonary Dysplasia: A Pilot Study
1:40pm-2:00pm	Paige Condit NICU Fellow University of Wisconsin	A Survey Regarding the Care of the Hemodynamically Significant Patent Ductus Arteriosus
2:00pm-2:20pm	Ryan Majinski Medical Student Medical College of Wisconsin	Targeting the Targeted Management of Neonatal Shock

2:20pm-2:40pm	Patrick Peebles Assistant Professor University of Wisconsin	Effect Modification of Late Surfactant Treatment by Patent Ductus Arteriosus Status in Ventilated Preterm Infants Receiving Inhaled Nitric Oxide
2:40pm-3:00pm	BREAK	
3:00pm-3:20pm	Annie Lentino Pediatric Resident Medical College of Wisconsin	Finding the balance: Use practices and complications of umbilical lines in extremely premature infants
3:20pm-3:40pm	Jacob Elliott Pediatric Resident University of Wisconsin	Outcomes following Non-Invasive Respiratory Support Failure in Moderate Preterm Infants
3:40pm-4:00pm	Elizabeth Smet NICU Fellow Medical College of Wisconsin	Fluid Management for ELGAN/ELBW Infants
4:00pm-4:10pm	Dinushan Kaluarachchi Associate Professor University of Wisconsin	Closing Remarks

Poster Presentations

(Posters will be displayed throughout the day. Presenters are encouraged to be by the posters during the breaks)

Amanda Jentsch Medical Student Medical College of Wisconsin	Press Play to Train Patients in Communication Before a Fetal Anomalies Appointment
Rutvi Shah NICU Fellow University of Wisconsin	GRADuates of the NICU: Evaluation of a Nutrition and Growth Support Clinic for Preterm Infants
Samuel Annah Undergraduate Student University of Wisconsin	Outcomes of Extremely Preterm Infants with Severe Bronchopulmonary Dysplasia
Trinity Rausch Undergraduate Student University of Wisconsin	Association Between Pre-Procedure Hemoglobin and Oxygenation Failure after Transcatheter Patent Ductus Arteriosus Closure
Patrick Peebles Assistant Professor University of Wisconsin	Respiratory Severity Score Patterns by Birth Gestational Age among a Cohort of Extremely Preterm Infants
Claudette Adegboro Assistant Professor University of Wisconsin	Clinical Outcomes and Care Practices Following Establishment of a Tiny Baby Program
Matthew Harer Associate Professor University of Wisconsin	Validation of kidney oxygenation monitoring with NIRS in preterm neonates: kidney location, depth, and laterality differences
Dinushan Kaluarachchi Associate Professor University of Wisconsin	Neurodevelopmental Outcomes of Extremely Preterm Infants Undergoing Transcatheter Patent Ductus Arteriosus Closure