

21.5 Hours CME CREDITS

WIN-POCUS 2026

ADVANCED NEONATAL POCUS CONFERENCE & WORKSHOP

Get hands-on training with world-renowned Neonatal POCUS experts, featuring cutting-edge AI-POCUS simulation and precision medicine, in this immersive 3-day workshop!

September 24 - 26, 2026

HSC - Women's Hospital Winnipeg, Canada

REGISTER NOW

DAY 1
RESPIRATORY CARE & LUNG ULTRASOUND

DAY 2
NEONATAL HEMODYNAMICS & ECHO

DAY 3
CRASHING NEONATAL PROTOCOL

CNPOCUS
SHAPING THE FUTURE OF NEONATAL CARE

NEOPEDS ACADEMY
ACADEMY FOR LIFELONG LEARNING

University of Manitoba

POCUS VISION
YOUR PATH TO PRECISION MEDICINE

SPEAKERS



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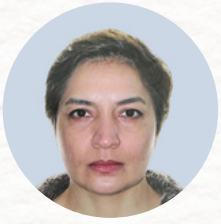
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DR. TALAL ALTAMIMI
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DAY 1

SEP 24, 2026 | 8 AM - 5 PM

COMPREHENSIVE CHEST ULTRASOUND WORKSHOP

RUNDOWN

08:00 - 09:00	**Orientation** Lectures
09:00 - 11:00	**WORKSHOP 1** Basic Chest Ultrasound
11:00 - 13:00	**WORKSHOP 2** Clinical Applications
13:00 - 15:00	**WORKSHOP 3** Advanced Chest Ultrasound
15:00 - 17:00	**Quiz Assessment** & Future Learning Strategies

DAY 1 - SEP 24, 2026

08:00 - 08:15	Introduction and Welcome
08:15 - 08:30	Workshop Orientation
08:30 - 09:00	**Lecture: Fundamentals of Neonatal LUS - Scanning Protocol, Image Acquisition & Scoring**
Workshop 1	**Basic Lung Ultrasound (Classic TTN & RDS, Severe RDS & BPD, Pulmonary Hemorrhage)**
09:00 - 09:20	**Case 1:** Term Infant with Tachypnoea
09:20 - 09:40	**Case 2:** Preterm infant with increased WOB
09:40 - 10:00	**Case 3:** Preterm Infant with increased WOB with hypoxemia
10:00 - 10:20	**Case 4:** Preterm Infant with CLD on CPAP with worsening respiratory distress
10:20 - 10:40	**Case 5:** Preterm, DOL 3, with blood stained secretions
10:40 - 11:00	**Coffee Break (Provided)**
11:00 - 11:30	**Lecture: Advanced clinical applications of Chest Ultrasound in the NICU**
Workshop 2	**Clinical Applications of Lung Ultrasound (Pneumonia, Pleural Effusion)**
11:30 - 11:50	**Case 1:** Preterm 3 weeks old on MV and increased O2 Requirement
11:50 - 12:10	**Case 2:** Preterm on CPAP with sudden worsening WOB
12:10 - 13:00	**Lunch Break (Provided)**
Workshop 3	**Advanced Chest Ultrasound (Pneumothorax, CDH, Eventration, VC Paralysis)**
13:00 - 13:20	**Case 1:** Term infant on CPAP with sudden deterioration
13:20 - 13:40	**Case 2:** Term infant with cystic thoracic shadow on CXR
13:40 - 14:00	**Case 3:** Term infant with suspected right diaphragm abnormality
14:00 - 14:20	**Case 4:** Term infant with elevated hemidiaphragm
14:20 - 14:40	**Case 5:** Preterm with stridor
14:40 - 15:00	**Coffee Break (Provided)**
15:00 - 16:00	Chest Ultrasound Assessment Quiz
16:00 - 16:30	Future Learning Strategies in LUS
16:30 - 17:00	Q&A, Feedback



DAY 2

SEP 25, 2026 | 8 AM - 5 PM

BASIC & ADVANCED HEMODYNAMICS WORKSHOP

RUNDOWN

8:00 - 09:50	**Orientation** Lectures
9:50 - 10:50	**WORKSHOP 1** Assessment & Management of PDA
11:10 - 12:10	**WORKSHOP 2** Assessment & Management of PHTN
13:00 - 14:20	**WORKSHOP 3** Assessment & Management of Shock
14:40 - 15:20	**WORKSHOP 4** Neonatal Cardiac Assessment
15:20 - 17:00	**Quiz Assessment** & Future Learning Strategies

DAY 2 - SEP 25, 2026

8:00 - 8:20	Introduction and Orientation
8:20 - 9:50	**Lecture: Fundamentals of Hemodynamics in Shock, PDA, PHTN**
Workshop - 1	**Approach to Assessment & Management of PDA**
9:50 - 10:10	**Case 1:** Preterm infant with intermittent murmur and variable oxygen requirement
10:10 - 10:30	**Case 2:** Preterm infant with feeding intolerance and fluctuating blood pressure
10:30 - 10:50	**Case 3:** Extremely preterm infant with pulmonary hemorrhage
10:50 - 11:10	**Coffee Break (Provided)**
Workshop - 2	**Approach to Assessment & Management of PHTN**
11:10 - 11:30	**Case 1:** Term infant with labile oxygenation despite optimal ventilation
11:30 - 11:50	**Case 2:** Term infant with escalating oxygen needs & pre/post-ductal difference in oxygenation
11:50 - 12:10	**Case 3:** Preterm infant with chronic oxygen dependency and recurrent desaturation episodes
12:10 - 13:00	**Lunch Break (Provided)**
Workshop - 3	**Approach to Assessment & Management of Shock**
13:00 - 13:20	**Case 1:** Infant with acute circulatory collapse following blood loss
13:20 - 13:40	**Case 2:** Infant with poor perfusion and rising lactate despite adequate fluids
13:40 - 14:00	**Case 3:** Infant with warm peripheries but persistent hypotension
14:00 - 14:20	**Case 4:** Infant with sudden deterioration and evidence of low cardiac output
14:20 - 14:40	**Coffee Break (Provided)**
Workshop - 4	**Approach to Neonatal Cardiac Assessment**
14:40 - 15:00	**Case 1:** Term newborn with low post-ductal oxygen saturation
15:00 - 15:20	**Case 2:** Preterm infant with unstable hemodynamics during ventilation
15:20 - 16:20	Cardiac POCUS Assessment Quiz
16:20 - 16:50	Future Learning Strategies in Cardiac POCUS
16:50 - 17:00	Q&A, Feedback



DAY 3

SEP 26, 2026 | 8 AM - 5:00 PM

CRASHING INFANT PROTOCOL WORKSHOP

RUNDOWN

8:00 - 09:50	**Orientation** Lectures
9:50 - 10:50	**WORKSHOP 1** Algorithm for multi-organ systematic assessment – Brain
11:10 - 12:10	**WORKSHOP 2** Algorithm for multi-organ systematic assessment – Lung
13:00 - 14:20	**WORKSHOP 3** Algorithm for multi-organ systematic assessment – Heart
14:40 - 15:20	**WORKSHOP 4** Algorithm for multi-organ systematic assessment – Abdomen
15:20 - 17:00	**Quiz Assessment** & Future Learning Strategies

DAY 3 - SEP 26, 2026

08:00 - 08:20	Introduction and Orientation
08:20 - 09:30	**Lecture: Orientation to Crashing Infant POCUS Algorithm**
Workshop - 1	**Algorithm for multi-organ systematic assessment - Brain**
09:30 - 09:50	**Case 1:** Preterm infant with sudden drop of hemoglobin
09:50 - 10:10	**Case 2:** Term infant with abnormal tone and poor response
10:10 - 10:30	**Case 3:** Preterm infant with suddenly becomes inactive
10:30 - 10:50	**Coffee Break (Provided)**
Workshop 2	**Algorithm for multi-organ systematic assessment - Lung**
10:50 - 11:10	**Case 1:** Preterm infant with worsening hypoxemia
11:10 - 11:30	**Case 2:** Preterm infant with persistent desaturation
11:30 - 11:50	**Case 3:** Preterm infant with coarse impaired breath sounds and rising oxygen requirement
11:50 - 12:10	**Case 4:** Preterm infant with worsening oxygenation and a new shadow on CXR
12:10 - 13:00	**Lunch Break (Provided)**
Workshop 3	**Algorithm for multi-organ systematic assessment - Heart**
13:00 - 13:20	**Case 1:** Preterm infant with unexplained hypotension and narrow pulse pressure
13:20 - 13:40	**Case 2:** Term infant with hypotension and increasing oxygen requirement
13:40 - 14:00	**Case 3:** Preterm infant with hypotension and lactic acidosis
14:00 - 14:20	**Case 4:** Preterm infant with postnatal refractory hypoxemia
14:20 - 14:30	**Coffee Break (Provided)**
Workshop - 4	Algorithm for multi-organ systematic assessment - Abdomen
14:30 - 14:50	**Case 1:** Preterm infant with abdominal distension and feeding intolerance
14:50 - 15:10	**Case 2:** Preterm infant with abdominal discoloration and hemodynamic instability
15:10 - 15:30	**Case 3:** Infant with persistent gastric residuals and abdominal distension
15:30 - 16:30	CNP POCUS Assessment Quiz
16:30 - 16:40	Future Learning Strategies in CNP POCUS
16:40 - 17:00	Q&A, Feedback

SCIENTIFIC COMMITTEE



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PROGRAM IN NEONATAL POCUS

LUNG ULTRASOUND

HEART ULTRASOUND

For clinicians looking to **implement Neonatal POCUS Lung and Heart** into their practice!
Remote **mentorship & supervision** for 6 months | **Earn your CNPOCUS DIPLOMA certificate**

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SCAN TO LEARN MORE

POCUS VISION

YOUR PATH TO PRECISION MEDICINE

Transforming the way you learn Neonatal POCUS!

Introducing an **AI-powered POCUS simulator app** for every clinician. ***Learn anywhere at anytime!***

— POCUS MODULES COVERED —

Brain | **Heart** | **Lung** | **Intestine** | **Crashing Infant**



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