

## ADVENT2026: Melbourne Neonatal Advanced Ventilation Workshop

**Venue:** HELP Precinct, The Royal Children's Hospital, 50 Flemington Road, Parkville VIC 3052

**More information:** <https://www.mcri.edu.au/news/events/advent-2026>

**Contact us:** [advent2026@mcri.edu.au](mailto:advent2026@mcri.edu.au)

### Day 1: Friday 24<sup>th</sup> July 2026

0730 Registrations open – tea/coffee on arrival (Level 1, HELP, RCH)

#### Session 1 (Ella Latham Auditorium)

0830 Welcome to Advent2026 David Tingay/Anastasia Pellicano

0845 Presentation David Tingay Practical Respiratory Physiology and Conventional Modes

0930 Presentation Arun Sett High Frequency Oscillation Ventilation

#### 1015 Morning tea (Level 1, HELP)

#### Session 2 (Ella Latham Auditorium)

1045 Presentation Anastasia Pellicano Fundamentals of High Frequency Jet Ventilation

1105 Presentation Neil Patel Lung-Heart Interactions in the infant

1135 Panel Questions and discussions

1200 Presentation Anastasia Pellicano Workshop briefing

#### 1215 Lunch (Level 1, HELP)

#### Workshops (HELP/SIM/Skill lab) 1300 - 1700

1300 Workshop 1 Entire faculty

1345 Workshop 2 Entire faculty

#### 1430 Afternoon tea

1500 Workshop 3 Entire faculty

1545 Workshop 4 Entire faculty

1630 **OPTIONAL** Lung demo video

#### 1700 Close of day

## Day 2: Saturday 25<sup>th</sup> July 2026

0800	Presentation	David Tingay	Supporting the Lung at Birth
0830	Presentation	Arun Sett	Lung imaging
0900	Presentation	Lucy Loft	Surfactant – Where are we now?
0930	Presentation	Lindsay Zhou	Support of the tiniest babies

### 1000 Morning tea

#### Session 4 (Ella Latham Auditorium)

1030	Presentation	Neil Patel	Management of CDH
1100	Presentation	Kristin O'Connor	Respiratory support of chronic lung disease
1130	Presentation		Special cases / Audience engagement

### 1200 Lunch

#### Session 5: Case discussions (Vernon Collins Lecture Theatre, HELP)

1300	Clinical case scenarios	Entire faculty	Complex clinical respiratory case 1
1345	Clinical case scenario	Entire faculty	Complex clinical respiratory case 2

### 1430 Afternoon Tea

1500	Clinical case scenario	Entire Faculty	Complex clinical respiratory case 3
1545	Clinical case scenarios	Entire faculty	Complex clinical respiratory case 4

### 1630 Wrap up and close