

# CAI ANNUAL CONGRESS 2025

O'Reilly Hall &  
UCD Club,  
Belfield Road  
Dublin 4



EVENT PROGRAMME



#CAIcongress25



CAI  
SALUS DUM VIGILAMUS



### O'Reilly Main Hall

**08:30 - 10:00**

#### ICU Artificial Intelligence

Chairperson:

Dr Bairbre McNicholas

Dr Rory Dwyer

*'National ICU Audit; what have we learned and what's next?'*

Prof Greet de Vlieger

*'Can we use artificial intelligence to better treat acute kidney injury'*

Prof Patricia McGuire

*'Advancing AI for Health: Building an Interdisciplinary Community of Practice at UCD'*

**10.00 - 10.30: Coffee Break**

**Trade exhibition / Sim Wars Group 1 / E-posters Display in Trade area**

**10:30 - 10.35**

#### Opening Address by Prof Donal Buggy

*CAI President*

**10.35 - 11.15**

#### Brian Kavanagh Lecture - ICSI Lecture

Chairperson:

Dr Alan Gaffney

Prof Hannah Wunsch

*'From Polio to the Present: Lessons in Ventilation from the Past'*

**11:15 - 12:45**

#### Wellbeing

Chairperson:

Dr Patricija Ecimovic

Dr Mary Doherty

*'Neurodiversity'*

Mr Shane O'Sullivan

*'Resilience'*

Dr Therese O'Connor

*'Colleagues in distress'*

### George Moore Auditorium

**8.30 - 10.00**

#### Delaney Medal Competition

Chairperson:

Prof George Shorten & Dr Suzanne Cronly

*Kindly sponsored by Critical Care Partners*

**9.00 - 10.00**

#### NAP 8 Leads in Ireland and Q&A

*Birch Room*

Dr Brian O'Donnell

**10.30 - 11.15**

#### Poster Elevator Pitch

Organiser: Dr. Sinead Egan

**11:15 - 12:45**

#### Anaphylaxis

Chairperson:

Prof Criona Walshe

Dr Anne McClelland

*'The role of the Anaphylaxis Lead'*

Dr Deirdre Philbin

*'Anaphylaxis in special circumstances'*

Prof. Mary Keogan

*'An immunologist's view of perioperative allergy - what we have learnt in the last 20 years'*

Dr Aideen Byrne

*'Investigating perioperative allergy in a paediatric setting'*

## O'Reilly Main Hall

## George Moore Auditorium

**12.45 - 14.00: Lunch Break**

**CAI AGM (Birch Room) / Sim Wars Group 2,3,4,5 / E-posters Display in Trade area**

**14.00 - 15.30**

### **Innovation**

Chairperson:

Dr Aislinn Sherwin

Prof Idit Matot

*'3D printing in clinical anaesthesia'*

Prof Bernd Saugel

*'The future of blood pressure monitoring'*

Dr Alan Horan

*'A vision for prehospital and retrieval medicine services in Ireland'*

**14.00 - 15.30**

### **ICU: Updates on trauma and sepsis**

Chairperson:

Dr Bairbre McNicholas

Dr Aisling McMahon

*'Vesicles in coagulation'*

Dr Pierce Geoghegan

*'Neurotrauma – an update'*

Dr Liewe Bos

*'Personalised medicine in sepsis and ARDS'*

**15.30 - 16.00 Coffee Break**

**Trade exhibition / Sim Wars Group 6 / E-posters Display in Trade area**

**16.00 - 17.30**

### **Obstetric Anaesthesia**

Chairperson:

Dr Murray Connolly

Prof Terry Tan

*'Implementation of Quality & Safety principles in obstetric anaesthesia'*

Dr Gill Crowe

*'Updated PROSPECT guidelines for LSCS'*

Dr Anne Doherty

*'Communication in the 21st Century'*

**16.00 - 17.30**

### **CAT Session**

Chairperson:

Dr Paul Ryan

Sinéad Burke

*'Supporting Disability in the Operating Theatre'*

Daniel Davey

*'The High-Performing Anaesthesiologist'*

**17.00 - 18.00**

### **ISRA AGM**

Cedar Room

**17.30 - 18.00**

### **ICSI AGM**

Birch Room

### O'Reilly Main Hall

### George Moore Auditorium

**8.30 - 10.00**

#### **New Insights into Physiology**

Chairperson:

Dr Deirdre McCoy

Prof Bernd Saugel

*'What is the optimal intraoperative blood pressure'*

Prof Pat Neligan

*'Metabolic acidosis 2025 - more important than ever'*

Prof Daniel Martin

*'Hypoxia - how low should we go'*

**8.30 - 10.00**

#### **Faculty of Pain Medicine**

Chairperson:

Dr Conor Hearty

Prof Kevin Vowles

*'Rehabilitative Approaches to the Treatment of Chronic Pain'*

Dr Alan Blake

*'Cannabis Chronic Pain Medicine Perspective'*

Prof Bobby Smyth

*"The strange world of 'medical' cannabis - an addiction psychiatrist's perspective".*

**10.00 - 10.30: Coffee Break**

**Trade exhibition / E-posters Display in Trade area**

**10:30 - 10:35**

#### **Welcome Address by Dr Deirdre McCoy CAI Vice President**

**10.30 - 11.15**

#### **Keynote Lecture: Rynd Lecture**

Chairperson:

Dr Conor Hearty

Prof Lars Arendt-Nielsen

*'Mechanistic pain phenotyping for predicting outcome after management and surgery'*

**10.30 - 11.15**

#### **General Paediatric Surgery: a model of care for Ireland 2025**

Chairperson:

Dr Karen Tan

Dr Naomi Quigley

*'The anaesthesia perspective'*

Prof Tara Connelly

*'The surgical perspective'*

**11.15 - 12.45**

#### **Outcomes**

Chairperson:

Dr Therese O'Connor

Prof Daniel Martin

*'Effect of perioperative exercise interventions on patient outcomes'*

Prof Susan Moug

*'Patient centred approach to colorectal surgery'*

Dr Conor Skerritt

*'Silver Trauma'*

**11.15 - 12.45**

#### **IPOMS**

Chairperson:

Dr Kim Caulfield

Ms Roseann Murray

*'Operation Preparation: A Podcast Journey'*

Dr Aoife Doolan

*'Echocardiography in Preassessment'*

Prof Terry Tan

*'Systems thinking in Perioperative Medicine'*

# PROGRAMME

Friday 16th May

 #CAIcongress25

O'Reilly Main Hall

George Moore Auditorium

**12.45 - 14.00: Lunch Break - Gaining Entry to the Specialist register workshop- Birch Room**  
Trade exhibition / E-posters Display in Trade area

**14.30 - 15.30**  
**Plenary Session**

Chairperson:  
Prof Donal Buggy

Prof Idit Matot  
*'Perioperative pathway of the elderly patient'*

**15.30**  
**Prize Giving & Closing Ceremony**

**14.00 - 15.30**  
**Trauma**

Chairperson:  
Dr Alan Horan

Dr Matt O'Meara  
*'Damage Control Resuscitation - a practical approach'*

Prof Anil Hormis  
*'Pop the Clot' versus 'Drain the Brain'*

Dr Shayda Karimi  
*'Subspecialty training in pre-hospital medicine for Anaesthesiologist - the UK experiences'*

# WORKSHOPS

## Thursday 15th May

**09.00 - 12.00**

**ISRA Workshop - Cedar room**

Dr Su Ng

**11.00 - 13.00**

**Essentials of QI - Robin Room**

Dr Brian McCloskey

**13.30 - 16.30**

**POCUS - Cedar Room**

Dr Ciana McCarthy

## Friday 16th May

**09.00 - 10.30**

**Reflective Practice - Birch Room**

Dr Therese O'Connor

**09.00 - 12.00**

**Airways Workshop - H1.51 room**

Prof Ellen O'Sullivan

**09.30 - 12.30**

**ISRA Workshop - Cedar room**

Dr Su Ng

**10.30 - 12.00**

**Resilience Training - Robin Room**

Mr. Shane O'Sullivan

**11.00 - 12.30**

**PCS Workshop - Birch Room**

Dr Fauzia Bano

**11.30 - 13.00**

**TTT on Vascular Access H1.12**

Dr Karthikeyan Srinivasan

**12.45 - 13.30**

**Gaining Entry to the Specialist register**

**Workshop - Birch Room**

Dr Aislinn Sherwin

**13.00 - 16.00**

**TIVA - Cedar Room**

Dr Claire Nestor