

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 *Kindly sponsored by Fannin*

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 E-posters Kindly sponsored by Pei
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'

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 E-posters Kindly sponsored by Pei
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 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 E-posters Kindly sponsored by Pei
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'

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

14.00 - 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'

15.30

Prize Giving & Closing Ceremony

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 - 12.40

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



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