

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

'Irish National ICU Database and where it will lead us for a data driven ICU'

Prof Greet de Vlieger

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

Prof Patricia McGuire

'Building world-class research in AI and biomedical sciences in Ireland - a road map'

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

Prof 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 Keoghan

'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 Geogheagan
'Neurotrauma – an update'

Dr Liewe Bos
'Personalised medicine for sepsis - how do we use data'

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

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:

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 Deidre 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'

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'

10.30 - 11.15

General Paediatric Surgery: a model of care for Ireland 2025

Chairperson:
Dr. Karen Tan

Dr. Naomi Quigley
'The anaesthesia perspective'

Dr. Tara Connelly
'The surgical perspective'

11.15 - 12.45

IPOMS

Chairperson:
Dr Kim Caulfield

Ms Roseann Murphy
'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 - Credentials 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 McCluskey

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 H0.12

Dr Karthikeyan Srinivasan

12.45 - 13.30

Credentials Workshop - Birch Room

Dr Aislinn Sherwin

13.00 - 16.00

TIVA - Cedar Room

Dr Claire Nestor