STATE OF THE ART MEETING 2018
QEII CENTRE – LONDON – 10-12 DECEMBER
WORLDWIDE VIEW BEDSIDE DELIVERY
SOA2018

The Intensive Care Society’s State of the Art Meeting is back! This year we’re right in the heart of London. That’s right, we’ll be at the award-winning QEII Centre enjoying not only the latest in facilities, AV, and our new Education Zone, but also the stunning views of Parliament and Westminster Abbey.

This year’s programme covers SOA’s unique mix of science, clinical practice, innovation, and debate for everyone involved in treating critically ill patients. We have four concurrent streams (5 if you count our brand new Education Zone with immersive simulation, echo and POCUS stations) with 32 concurrent and plenary sessions.

There are 85 expert speakers spanning an impressive range of topics and just as importantly, plenty of scope for engaging with your fellow delegates. Additionally, there will be plenty of scope for engaging with your fellow delegates - after all, we work in a multi-disciplinary team so let’s learn, share, and network as though we’re working in our clinical environment. If you want an innovative vibrant conference with an incredible line up of speakers, and engage in useful discussion applicable to your practice/department, you need to come to SOA2018 #ICSSOA2018. Please join us for the multi-professional critical care event of the year.
Monday 10th December 2018

**Opening plenary**
On the Horizon: Critical Care and the Microbiome Hallie Prescott
The Ashes Simon Finfer & Mervyn Singer
Making Britain great again Brian Cuthbertson
Moral Injury Esther Murray
From Russia with Love TBA

**Quick Fire Updates**
How I manage delirium Dale Needham
How I diagnose and manage HUS and TTP Marie Scully
How I extubate a tricky patient Susannah Leaver
How I humanise the ICU – Pet therapy Alex Psirides

**Roadside to Critical Care: Chapter 1**
Disaster management – preparing the team Mike Christian
Critical Care in the Air Anne Weaver
Receiving major trauma in ED Simon Carley
Panel: Complex trauma and penetrating injuries Karim Brohi, Mike Christian, Anne Weaver & Simon Carley

**Are we failing the failing heart?**
Cardiogenic shock, the poor relation of septic shock - are we missing a trick? Susanna Price
Echo on the ICU – increasing the signal to noise ratio in the diagnosis and management of cardiogenic shock Marcus Peck
Panel: Tertiary centres for acute heart failure and cardiogenic shock Susanna Price, Steve Pettit, Simon Finney, Marcus Peck, Jane Eddleston

**Wasting away – how do we feed a recovery?**
The science behind the energy intake recommendations Emma Ridley
The science behind protein intake recommendations Olav Rooijackers
Why do we have so many neutral trials in nutrition? Zudin Puthucheary

**The State of Evidence Based Medicine (ICS & UKCCRG)**
Putting “internationalisation” into action Simon Finfer
Putting the UK on the map Natalie Pattison
Interpreting the evidence: Room 101 Kathy Rowan
For every question there is an RCT? Kathy Rowan
Panel: Sowing the seeds - Bench to Bedside Simon Finfer, Kathy Rowan, Simon Carley, Emma Ridley, Danny McAuley

**Maternity Critical Care**
National MCC Guidelines Audrey Quinn
Making the Guidelines work (Y&H) experience Sarah Winfield
Pregnancy Physiology Pattern Prediction Study (4 P's) Peter Watkinson

**Together We Stand – Global Health**
Compassions, crossings and refugees Xand van Tulleken
Improving acute care in low and middle-income settings Rashan Haniffa, Madiha Hashmi
interviewed by Chris van Tulleken Antimicrobial resistance Estee Torok
Monday 10th December 2018 (continued)

The Future of ICM Clinical Practice
Assessing the host Kenny Baillie
How do we address the challenges of an increasingly elderly population Lauren Ferrante
Molecular Diagnostics: Key to avoiding antibiotic-related harm Andy Conway Morris
How are we going to cope with increased public expectation of what ICU can deliver Hallie Prescott

Pecha Kucha (PK) – a day that changed my practice
PK challenge: 20 slides x 20 seconds - open to doctors, nurses, ACCPs and other allied health professionals. Submit your entry before the deadline on 17th September 2018

Complimentary evening drinks reception, including:
SOAp Box details TBA

AND NEW FOR SOA2018....

The Education Zone: Simulation, Echo & POCUS
The Education Zone will provide opportunities to observe and participate in live immersive simulation as well as learning from international experts in ultrasound. This will run throughout all 3 days of the conference with demonstrations and drop in sessions Mark Forrest & ATACC, Marcus Peck, Ashley Miller, Justin Kirk-Bayley, Laura Vincent, Jennie Stephens, Paul Mayo and more TBA

Tuesday 11th December 2018

Year in Review
Top 5 Nutrition studies Emma Ridley
Top 5 Respiratory studies Charlotte Summers
Top 5 Neuro studies Celia Bradford

Sepsis Roundtable
Understanding the epidemiology and outcomes Kathy Rowan
What will improve outcomes in resource limited settings? Madiha Hashmi
Is Vitamin C the answer? David Sweet
Steroids in Sepsis Tony Gordon
How can we make sepsis trials “work”? Simon Finfer
Panel debate & audience questions

Duck the Dock
Assessing Capacity Jim Bolton
Montgomery and informed consent Paul Sankey
What is ‘Best Interest’ and who decides this and how? Jane Jenner
What happens when there is disagreement about patient management? Case discussions Danny Bryden, Jim Bolton, Paul Sankey, Jane Jenner, TBA

The Road to Recovery
The long and winding road: updates in ICU rehab Dale Needham
It’s good to talk Sarah Wallace
Preventing early unplanned hospital readmission after critical Illness (PROFILE) Naz Lone
Tuesday 11th December 2018 (continued)

**Radiology Masterclass**

Come to our radiology masterclass where Vikas and Jeremy from Radiopaedia.org teach you all about imaging in critical care. This is for everyone. There will be basic pearls for the novice and advanced tips for the more experienced. This will be unlike any radiology teaching you’ve had before with scrollable stacks from CT, audience participation with polls and a quiz with prizes at the end! Vikas Shah & Jeremy Jones

**In the Dock**

Criminalisation of Healthcare. Does it improve patient safety? Jenny Vaughan

Gross negligence and manslaughter cases: Panel discussion

Martin Forde, TBA, Jenny Vaughan, Laura Kuenssberg

**Roadside to Critical Care: Chapter 2**

Focus on Burns

**On the crest of a (sound) wave**

Tales of the unexpected Paul Mayo

Probing is power. Knowledge is not necessary Justin Kirk-Bayley

Dabbling is dangerous. Accreditation is Ace! Jennie Stephens

**Critical Care Controversies**

It’s time to have more Paediatric Critical Care provision in your DGH

Pro: Peter Wilson Con: Anna Bachelor

It’s safer to intubate critically ill patients without muscle relaxation

Pro: Rob Mac Sweeney Con: Alex Psirides

All liver patients should have 48 hour treatment trial in ICU as intensivists are a bunch of nihilists

Pro: Mark McPhail Con: Naz Lone

**The Lungs**

Phenotyping ARDS Carolyn Calfee

Host responses are so important! (genomics and influenza) Kenneth Baillie

Lighting up the Lungs Kevin Dhaliwal

Molecular diagnostics for pneumonia – INHALE David Brealey

**Technology and Innovation**

Virtual Reality in Critical Care Alex Rosenberg

Rise of the Machines Matthieu Komorowski

Immersive Sim Mark Forrest

Distracted Doctoring Peter Brindley

**Clinical and Research Free Papers**

Submit your entry before the deadline on 17th September 2018

**Peri-operative Medicine**

Risk stratification and outcome measurement following major surgery

Ramani Moonesinghe

Shared decision making for high risk surgery Mike Swart

Update in perioperative pain management Mark Rockett
Tuesday 11th December 2018 (continued)

Quick Fire Updates
Renal Replacement Therapy: When to STARRT Sean Bagshaw
How I feed my critically ill patient and why Danni Bear
ICNARC: The Beginnings and the Future Kathy Rowan

The David Bennett Session
Top Tips for an Academic Career in Critical Care Dale Needham

Decision Making
Beyond the High Blue Air Lu Spinney
Decision making for ICU admissions Chris Bassford
A natural death Alex Psirides

Adaptive Physiology
Altitude: Tough at the Top Mike Grocott
Extreme Exercise Tom Evens & Mark Homer
Adaptive and maladaptive responses in critical illness Mervyn Singer

Complimentary evening drinks reception, including: SOAp Box details TBA

SOA 2018 after-hours party (£25 additional registration) with live band and DJ

Wednesday 12th December 2018

Year in Review
Top 5 Clinical Microbiology and Infection Andy Conway Morris
Top 5 Trauma Studies TBA
Top 5 Cardiac studies Alastair Proudfoot

Roadside to Critical Care: Chapter 2
Focus on Neuro Critical Care

Quick Fire Updates
NIV inside the ICU Rachael Moses
Defence of physiological function during high risk airway management Paul Mayo
Top Tips in stabilising the sick paediatric and neonatal patient Mike Griksaitis
The Roots of Resilience Mike Christian
The Human factor is always a factor - awareness & decision making, leadership & followership Peter Brindley

The Future Generation of Researchers: The ICS Gold Medal
Submit your entry before the deadline on 17th September 2018

Frailty In the Critically Ill
Frailty, Disability and Death Lauren Ferrante
The outcomes and cost implications of frailty in critical illness Sean Bagshaw
Who is too frail for ICU – a referring physicians perspective TBA

The Cauldron – Critical Care Game Changers
The Intensive Care Society Trainee Committee are proud to present the latest edition of The Cauldron. It is open to all aspiring intensive care doctors in training. Submit your entry before the deadline on 17th September 2018
Wednesday 12th December 2018 (continued)

The Brain
Pre-hospital and emergency surgical management of brain injuries Mark Wilson
Advance therapies and future management of brain injuries David Menon
Perceived devastating brain injuries – challenges for intensive care Dan Harvey

Next Generation Paradigms in Critical Care Biology
Good guys vs. bad guys Charlotte Summers
Adaptive immunity and sepsis! Manu Shankar-Hari
Sepsis survival and Liver failure – it’s all about the metabolic footprint Mark McPhail
Critical illness is all about cells dying badly Brij Patel
Biological enrichment in clinical trials: it’s a no brainer! Carolyn Calfee

The Future Challenges for Critical Care
The impact of strained ICU Capacity Sean Bagshaw
How do we get it right first time? Anna Bachelor
Panel: Critical Care in 2025 Anna Bachelor, Sean Bagshaw, Carole Boulanger, TBA, Jamie Strachan

Closing Plenary
Award announcements and prize giving E-Poster; Clinical and Free paper presentation; Pecha Kucha; Cauldron; The Gold Medal

Guidelines, Standards & National Policies
The New 2018 SCCM PADIS Guidelines: Quick Hits of Recommendations for Sedation, Delirium and Mobility Dale Needham

Opt in, Opt out, stirred not shaken Dale Gardner

The Big Trials
POPPI: Provision Of Psychological support to People in Intensive care Kathy Rowan
PARAMEDIC-2 Gavin Perkins
AIRWAYS-2 Jerry Nolan
INTEREST Geoff Bellingan

The ICS Research Foundation Award 2018
Why you should come to SOA2018

• All-new style and format since 2015. If you think you know us from before, think again…

• A modern, clinically-focussed agenda: putting the excitement back into critical care

• More interaction and debate time for audience & speakers: don’t just listen, join in

• Plenty of “how to do it” material that you won’t get from the journals

• Learning from others: knowledge shared is knowledge gained

• CPD and ICM curriculum-mapped programme, for consultants, trainees, Nurses, ACCPs and AHPs

• Free Open-Access Medical/Nursing Education – studio-quality podcasts of all talks

• Innovative new ideas including podium talks, panel debates, the Education Zone, and more

• Full catering, two drinks evenings and the after-hours SOA party with live band and DJ till late

Registration and Prices

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