

08:00 - 18:00 Registration Desk Open, QEII Centre  
 COFFEE, SOAp box sessions in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)

**Session 1** **OPENING PLENARY, Methodist Central Hall, Westminster**  
 Chair: *Ganesh Suntharalingam*



10:00 **Welcome** *Gary Masterson (ICS President) & Steve Mathieu (ICS Programme Director)*  
 10:10 **On the horizon: Critical Care and the Microbiome** *Hallie Prescott*  
 10:40 **Sepsis: the Ashes** *Simon Finfer & Mervyn Singer*  
 10:55 **Making Britain great again** *Brian Cuthbertson*  
 11:15 **Moral Injury** *Esther Murray*  
 11:35 **From Russia with Love** *James Haslam & Steve Emmett*

AM 1  
 10:00 – 12:00

@WhistlingDixie4

12.00 – 13.30 LUNCH (provided) and lunchtime symposia in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)

	Room England Ground Floor	Room Scotland Level 6	Room Wales Level 5	Room Northern Ireland Level 4	The Education Zone Level 2
	<b>Session 2</b>	<b>Session 3</b>	<b>Session 4</b>	<b>Session 5</b>	<b>3 Zones: Sim-Crit Ultrasound Unplugged</b>
	<b>ROADSIDE TO CRITICAL CARE. CHAPTER 1 – MAJOR TRAUMA</b>	<b>FEEDING A RECOVERY - THE SCIENCE BEHIND ICU NUTRITION</b>	<b>QUICK FIRE UPDATES</b>	<b>ARE WE FAILING THE FAILING HEART?</b>	
	Chair: <i>Nandan Gautam</i>	Chairs: <i>Ella Terblanche &amp; Danni Bear</i>	Chair: <i>Shond Laha</i>	Chair: <i>Alastair Proudfoot</i>	
PM 1 13:30 - 14:45	13:30 <b>Disaster management. Preparing the team</b> <i>Mike Christian</i>	13:30 <b>The Science behind the energy intake recommendations</b> <i>Emma Ridley</i>	13:30 <b>How I manage delirium</b> <i>Dale Needham</i>	13:30 <b>Cardiogenic shock, the poor relation of septic shock – are we missing a trick?</b> <i>Susanna Price</i>	ATACC Group <i>Ashley Miller</i> <i>Justin Kirk-Bayley</i> <i>Marcus Peck</i> <i>Mark Forrest</i>
	13:40 <b>Critical Care in the Air</b> <i>Anne Weaver</i>	13:50 <b>One size fits none for protein intake</b> <i>Olav Rooijackers</i>	13:45 <b>How I diagnose and manage HUS &amp; TTP part 1</b> <i>Marie Scully</i>	13:40 <b>Echo on the ICU – increasing the signal to</b>	New for SOA18, The Education Zone led by the


<p>13:50 <b>Receiving Major Trauma in the Emergency Department</b> <i>Simon Carley</i></p> <p>14:00 <b>Best Practice Management: Penetrating injury/ complex trauma</b> <i>Karim Brohi</i> <i>Anne Weaver</i> <i>Simon Carley</i> <i>Mike Christian</i></p> <p> @strachanjamie</p>	<p>14:10 <b>Patients don't give a monkey's about intake: utilisation is king</b> <i>Zudin Puthucheary</i></p> <p>14:30 <b>Panel debate</b> <i>Emma Ridley</i> <i>Olav Rooijackers</i> <i>Zudin Puthucheary</i></p> <p> @RobDietitian</p>	<p>14:00 <b>How I diagnose and manage HUS &amp; TTP part 2</b> <i>Jim Down</i></p> <p>14:15 <b>How I extubate a tricky patient</b> <i>Susannah Leaver</i></p> <p>14:30 <b>How I humanise the ICU - pet therapy</b> <i>Alex Psirides</i></p> <p> @tanjidayo</p>	<p>noise ratio in the diagnosis &amp; management of cardiogenic shock <i>Marcus Peck</i></p> <p>13:50 <b>Tertiary centers for acute heart failure and cardiogenic shock</b> <i>Susanna Price</i> <i>Stephen Pettit</i> <i>Simon Finney</i> <i>Marcus Peck</i> <i>Sara Blakeley</i></p> <p> @iceman_ex</p>	<p>ATACC Group will combine an educational and immersive space delivering critical care and ultrasound demonstrations, as well as an exclusive Q&amp;A session with top names in the industry. Join the ATACC Group instructors in masterclass workshops where they will bring experience to life.</p>

14:45 – 15:30 COFFEE, SOAp box sessions in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)

	Room England Ground Floor	Room Scotland Level 6	Room Wales Level 5	Room Northern Ireland Level 4	The Education Zone Level 2
	<b>Session 6</b>	<b>Session 7</b>	<b>Session 8</b>	<b>Session 9</b>	<b>3 Zones: Sim-Crit Ultrasound Unplugged</b>
	<b>THE FUTURE OF ICM CLINICAL PRACTICE</b>	<b>MATERNAL CRITICAL CARE</b>	<b>TOGETHER WE STAND - GLOBAL HEALTH</b>	<b>THE STATE OF EVIDENCE BASED MEDICINE (ICS &amp; UKCCRG)</b>	
	Chairs: <i>Charlotte Summers &amp; Nazir Lone</i>	Chairs: <i>Gary Masterson &amp; Laura Vincent</i>	Chair: <i>Craig Brown</i>	Chairs: <i>Bronwen Connolly &amp; Paul Dark</i>	
<p>PM 2 15:30 – 16:45</p>	15:30 <b>Assessing the host</b> <i>Kenneth Baillie</i>	15:30 <b>Care of the Critically Ill Woman in Childbirth</b> <i>Audrey Quinn</i>	15:30 <b>Compassions, crossings and refugees</b> <i>Xand van Tulleken</i>	15:30 <b>Putting 'internationalisation' into action</b> <i>Simon Finfer</i>	ATACC Group <i>Ashley Miller</i> <i>Justin Kirk-Bayley</i> <i>Marcus Peck</i> <i>Mark Forrest</i>
	15:45 <b>Addressing the challenges of an ageing population</b> <i>Lauren Ferrante</i>	15:45 <b>Enhanced Maternal Care – The Yorkshire &amp; Humber experience</b> <i>Sarah Winfield</i>	15:50 <b>Improving critical care in low to middle income countries</b> <i>Rashan Haniffa</i> <i>Madiha Hashmi</i> <i>Chris van Tulleken</i> (interviewer)	15:42 <b>The (UK) national anthem</b> <i>Natalie Pattison</i>	New for SOA18, The Education Zone led by the ATACC Group will combine an educational and immersive space delivering critical care
	16:00 <b>Molecular Diagnostics: Key to avoiding antibiotic-</b>				

	<b>related harm</b> <i>Andy Conway Morris</i>	16:00 <b>Obstetric Early Warning scores – the 4 P's study</b> <i>Peter Watkinson</i>	16:10 <b>Tackling a Crisis for Health: Antimicrobial Resistance</b> <i>Estee Torok</i>	15:54 <b>Are we asking the right questions?</b> <i>Kathy Rowan</i>	and ultrasound demonstrations, as well as an exclusive Q&A session with top names in the industry. Join the ATACC Group instructors in masterclass workshops where they will bring experience to life.
	16:15 <b>Coping with increasing public expectations</b> <i>Hallie Prescott</i>	16:15 <b>Mothers in Critical Care: learning from patients' experiences &amp; challenges to improving care</b> <i>Lisa Hinton</i>	16:30 <b>Panel debate</b> <i>Xand van Tulleken</i> <i>Rashan Haniffa</i> <i>Madiha Hashmi</i> <i>Chris van Tulleken</i> <i>Estee Torok</i>	16:06 <b>Taking the leap of faith</b> <i>Brian Cuthbertson</i>	
	16:30 <b>Panel debate</b> <i>Kenny Baillie</i> <i>Lauren Ferrante</i> <i>Andy Conway Morris</i> <i>Hallie Prescott</i>	16:30 <b>Panel debate</b> <i>Audrey Quinn</i> <i>Sarah Winfield</i> <i>Peter Watkinson</i> <i>Lisa Hinton</i>	 @iceman_ex	16:18 <b>Panel debate</b> <b>Sowing the seeds: Bench to Bedside</b> <i>Simon Finfer</i> <i>Natalie Pattison</i> <i>Kathy Rowan</i> <i>Brian Cuthbertson</i> <i>Danny McAuley</i> <i>Emma Ridley</i>	
	 @aroradrn	 @tanjidayo		 @EMManchester	

17:00 - 18:30 **Drinks Reception**

	<b>Session 10</b>	<b>Mini-theatre in Exhibition Hall</b>
	<b>A DAY THAT CHANGED MY PRACTICE, Session powered by PechaKucha</b>	
PM 3 17:00 – 18:00	Chairs: <i>Laura Vincent &amp; Aoife Abbey</i>	
	<b>The Hidden Conversation</b> <i>Angeline Lee</i>	
	<b>Reflections in the reflection</b> <i>Clare MacEwen</i>	
	<b>The 3 lessons I learned</b> <i>Emma Houston</i>	
	<b>Creating #rehablegends – patient stories as a catalyst for change</b> <i>Kate Tantam</i>	
	<b>Sonic? Boom!</b> <i>Simon Hayward</i>	
<b>Could it be magic?</b> <i>Simon Gates</i>		
	 <p>POWERED BY <b>PechaKucha</b> 20 X 20 IMAGES SECONDS PechaKucha.org DESIGNED &amp; SHARED BY KLEIN DYTHAM ARCHITECTURE</p>	

# TUESDAY 11<sup>th</sup> DECEMBER 2018

08:00 - 18:00

Registration Desk Open, QEII Centre

COFFEE, SOAP box sessions in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)

AM 1  
08:30 – 09:10

**Session 11 - 2018 YEAR IN REVIEW**

**Room England** Ground Floor

Chair: *Tony Whitehouse*





08:30 **Top 5 Nutrition Studies** *Emma Ridley*

08:42 **Top 5 Respiratory Studies** *Charlotte Summers*

08:54 **Top 5 Neuro Studies** *Celia Bradford*

AM 2  
09:15 - 10:30

Room England Ground Floor	Room Scotland Level 6	Room Wales Level 5	Room Northern Ireland Level 4	The Education Zone Level 2
<b>Session 12</b>	<b>Session 13</b>	<b>Session 14</b>	<b>Session 15</b>	<b>3 Zones: Sim-Crit Ultrasound Unplugged</b>
<b>DUCK THE DOCK</b>	<b>RADIOLOGY MASTERCLASS</b>	<b>THE ROAD TO RECOVERY</b>	<b>SEPSIS ROUNDTABLE</b>	
Chairs: <i>Richard Innes &amp; Hugh Montgomery</i>	Chairs: <i>Vikas Shah &amp; Jeremy Jones</i>	Chairs: <i>Bronwen Connolly &amp; Lauren Ferrante</i>	Chair: <i>Simon Finfer</i>	
09:15 <b>Assessing Capacity</b> <i>Jim Bolton</i>	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	09:15 <b>The long and winding road: Next steps for rehabilitation</b> <i>Dale Needham</i>	<b>Understanding the epidemiology and outcomes</b> <i>Kathy Rowan</i>	ATACC Group <i>Ashley Miller</i> <i>Justin Kirk-Bayley</i> <i>Marcus Peck</i> <i>Mark Forrest</i>
09:23 <b>Montgomery and informed consent</b> <i>Paul Sankey</i>		09:35 <b>It's good to talk - Above Cuff Vocalisation for tracheostomised patients</b> <i>Sarah Wallace</i>	<b>Timing and choice of vasoactive drugs in sepsis</b> <i>Anthony Gordon</i>	New for SOA18, The Education Zone led by the ATACC Group will combine an educational and immersive space delivering critical care and ultrasound demonstrations, as well as an exclusive Q&A session with top names in the industry. Join the ATACC
09:31 <b>How will Deprivation of Liberty Statute apply to Critical Care in 2019?</b> <i>Daniele Bryden</i>		09:55 <b>Preventing early unplanned hospital readmission after critical illness (PROFILE)</b> <i>Nazir Lone</i>	<b>Steroids in sepsis</b> <i>Manu Shankar-Hari</i>	
09:39 <b>What is 'Best Interest' and who decides this and how?</b>			<b>Is Vitamin C the answer?</b> <i>David Sweet</i>	
			<b>What will improve</b>	

	<p><i>Katie Webber</i></p> <p><b>09:50 What happens when there is disagreement about patient management?</b></p> <p><b>Case discussions</b></p> <p><i>Daniele Bryden</i>  <i>Jim Bolton</i>  <i>Paul Sankey</i>  <i>Katie Webber</i></p> <p> <i>@strachanjamie</i></p>	<p>the end!</p> <p> <i>@aroradrn</i></p>	<p><b>10:15 Panel debate</b></p> <p><i>Dale Needham</i>  <i>Sarah Wallace</i>  <i>Nazir Lone</i></p> <p> <i>@rachaelmoses</i></p>	<p><b>outcomes in resource limited settings?</b></p> <p><i>Madiha Hashmi</i></p> <p><b>How can we make sepsis trials “work”?</b></p> <p><i>Hallie Prescott</i></p> <p><b>Panel debate</b> each speaker will introduce their topic and straight to discussion!</p> <p> <i>@iceman_ex</i></p>	<p>Group instructors in masterclass workshops where they will bring experience to life.</p>
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**10:30 – 11:15 COFFEE, SOAp box sessions in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)**

<b>AM 3</b> <b>11:15 – 12:30</b>	<b>Room England</b> Ground Floor	<b>Room Scotland</b> Level 6	<b>Room Wales</b> Level 5	<b>Room Northern Ireland</b> Level 4	<b>The Education Zone</b> Level 2
	<b>Session 16</b>	<b>Session 17</b>	<b>Session 18</b>	<b>Session 19</b>	<b>3 Zones:</b>
	<b>CRITICAL CARE CONTROVERSIES</b>	<b>IN THE DOCK</b>	<b>ON THE CREST OF A (SOUND) WAVE</b>	<b>ROADSIDE TO CRITICAL CARE. CHAPTER 2 - BURNS</b>	<b>Sim-Crit</b> <b>Ultrasound</b> <b>Unplugged</b>
	Chair: <i>Peter Brindley &amp; Jeremy Groves</i>	Chairs: <i>Richard Innes &amp; Hugh Montgomery</i>	Chair: <i>Ashley Miller</i>	Chairs: <i>Nandan Gautam &amp; Ella Terblanche</i>	
<b>11:15 It’s time to have more Paediatric Critical Care provision in your DGH</b>	<b>11:15 Criminalisation of Healthcare. Does it improve patient safety?</b> <i>Jenny Vaughan</i>	<b>11:15 Tales of the unexpected</b> <i>Paul Mayo</i>	<i>Naiem Moiemem</i> <i>Shivanand Chavav</i> <i>Andrew Bentley</i>	ATACC Group <i>Ashley Miller</i> <i>Justin Kirk-Bayley</i> <i>Marcus Peck</i> <i>Mark Forrest</i>	

Pro: *Peter Wilson*  
Con: *Anna Batchelor*

11:40 **It's safer to intubate critically ill patients without muscle relaxation**

Pro: *Rob Mac Sweeney*  
Con: *Alex Psirides*

12:05 **All liver patients should have 48 hour treatment trial in ICU as intensivists are a bunch of nihilists**

Pro: *Mark McPhail*  
Con: *Nazir Lone*

 @tanjidayo

11:40 **Gross negligence manslaughter cases: Panel discussion**  
*Martin Forde*  
*Jenny Vaughan*

 @cibrown10

11:40 **Probing is power. Knowledge is not necessary**  
*Justin Kirk-Bayley*

11:55 **Dabbling is dangerous. Accreditation is Ace!**  
*Jennie Stephens*

12:10 **Panel debate**  
*Paul Mayo*  
*Justin Kirk-Bayley*  
*Jennie Stephens*

 @iceman\_ex

The panel will describe and discuss the ideal management of patients with complex burns from triage at scene to management in the ICU. One step at a time. Topics covered will include Burns assessment, Initial resuscitation, recognition and management of inhalation injury, metabolic derangement, how to ventilate in severe burns.

 @rachaelmoses

New for SOA18, The Education Zone led by the ATACC Group will combine an educational and immersive space delivering critical care and ultrasound demonstrations, as well as an exclusive Q&A session with top names in the industry. Join the ATACC Group instructors in masterclass workshops where they will bring experience to life.

12.30 – 14:00

LUNCH (provided) and lunchtime symposia in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)

	Room England Ground Floor	Room Scotland Level 6	Room Wales Level 5	Room Northern Ireland Level 4	The Education Zone Level 2
	<b>Session 20</b>	<b>Session 21</b>	<b>Session 22</b>	<b>Session 23</b>	<b>3 Zones:</b>
	<b>TECHNOLOGY AND INNOVATION</b>	<b>PERI-OPERATIVE MEDICINE</b>	<b>THE LUNG</b>	<b>CLINICAL AND RESEARCH FREE PAPERS</b>	<b>Sim-Crit</b>
	Chairs: <i>Celia Bradford &amp; Jamie Strachan</i>	Chairs: <i>Dan Harvey &amp; Shond Laha</i>	Chairs: <i>Danny McAuley &amp; Charlotte Summers</i>	Chairs: <i>Anthony Gordon, Bronwen Connolly &amp; Andrew Bentley</i>	<b>Ultrasound</b>
	14:00 <b>Virtual Reality in Critical Care</b> <i>Alex Rosenberg</i>	14:00 <b>Risk stratification and outcome measurement following major surgery</b> <i>Ramani Moonesinghe</i>	14:00 <b>Phenotyping ARDS</b> <i>Carolyn Calfee</i>	14:00 <b>Computed tomography measurement of skeletal muscle mass in adults receiving veno-venous extracorporeal membrane</b>	<b>Unplugged</b>
	14:15 <b>Rise of the Machines</b> <i>Matthieu Komorowski</i>	14:20 <b>Shared decision</b>	14:15 <b>Host responses are so important! (genomics and influenza)</b> <i>Kenneth Baillie</i>		ATACC Group <i>Ashley Miller</i> <i>Justin Kirk-Bayley</i> <i>Marcus Peck</i> <i>Mark Forrest</i>
PM 1 14:00 – 15:15					New for SOA18, The Education Zone led by the ATACC Group will

14:30 **Immersive Sim**  
*Mark Forrest*

14:45 **Distracted  
Doctoring: where is your  
head at?**

*Peter Brindley*

15:00 **Panel debate**

*Alex Rosenberg*

*Matthieu Komorowski*

*Mark Forrest*

*Peter Brindley*



@WhistlingDixie4

**making for high risk  
surgery**

*Mike Swart*

14:40 **Update in  
perioperative pain  
management**

*Mark Rockett*

15:00 **Panel debate**

*Ramani Moonesinghe*

*Mike Swart*

*Mark Rockett*



@aroradrn

14:30 **Lighting up the  
Lung**

*Kevin Dhaliwal*

14:45 **Molecular  
diagnostics for  
pneumonia – INHALE**

*David Brealey*

15:00 **Panel debate**

*Carolyn Calfee*

*Kenneth Baillie*

*Kevin Dhaliwal*

*David Brealey*



@ICUDocAP

**oxygenation** *Danni Bear*

14:15 **A review of deaths  
within forty-eight hours of  
ICU admission using the  
Royal College of  
Physicians Structured  
Judgement Review  
method** *Matthew Luney*

14:30 **Post-traumatic  
stress disorder and  
debriefing after in-  
hospital cardiac arrests**  
*Stephen Spencer*

14:45 **Hyperoxia is not  
associated with increased  
ICU mortality in patients  
with ARDS** *Andrew Boyle*

15:00 **Acetate versus  
Lactate buffered balanced  
Infusates on  
Hemodynamic Stability in  
Patients undergoing  
Cardiac Surgery – a  
randomized controlled  
double-blind Trial**  
*Carmen Pfortmueller*



@jes4bris

combine an educational and immersive space delivering critical care and ultrasound demonstrations, as well as an exclusive Q&A session with top names in the industry. Join the ATACC Group instructors in masterclass workshops where they will bring experience to life.

15:15 – 16:00

COFFEE, SOAp box sessions in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)

**Room England**  
Ground Floor

**Session 24**

**Room Scotland**  
Level 6

**Session 25**

**Room Wales**  
Level 5





**Session 26**

**Room Northern Ireland**  
Level 4

**Session 27**

**The Education Zone**  
Level 2

**3 Zones:**

	ADAPTIVE PHYSIOLOGY	DECISION MAKING	QUICK FIRE UPDATES	DAVID BENNETT SESSION	Sim-Crit Ultrasound Unplugged
PM 2 16:00 - 17:15	Chairs: <i>Ramani Moonesinghe &amp; Alastair Proudfoot</i>	Chairs: <i>Jim Down &amp; Natalie Pattison</i>	Chairs: <i>Jeremy Groves &amp; Ella Terblanche</i>	Chair: <i>Charlotte Summers</i>	
	16:00 <b>Altitude: Tough at the Top</b> <i>Mike Grocott</i>	16:00 <b>Decision making for ICU admissions</b> <i>Chris Bassford</i>	16:00 <b>Renal Replacement Therapy: When to STARTT</b> <i>Sean Bagshaw</i>	<b>Tips for an Academic Career in Critical Care</b> <i>Dale Needham</i>	ATACC Group <i>Ashley Miller</i> <i>Justin Kirk-Bayley</i> <i>Marcus Peck</i> <i>Mark Forrest</i>
	16:20 <b>Extreme Exercise</b> <i>Tom Evens</i> <i>Melanie Wilson</i> <i>Mark Homer</i>	16:20 <b>Beyond the High Blue Air</b> <i>Lu Spinney</i>	16:15 <b>How I feed my critically ill patient and why</b> <i>Danni Bear</i>	<i>2018 David Bennett Speaker</i>	
	16:40 <b>Adaptive and maladaptive responses in critical illness</b> <i>Mervyn Singer</i>	16:40 <b>A natural death</b> <i>Alex Psirides</i>	16:30 <b>ICNARC: The Beginnings and the Future</b> <i>Kathy Rowan</i>	In conversation with Charlotte Summers  <a href="#">@VincentLauraj</a>	New for SOA18, The Education Zone led by the ATACC Group will combine an educational and immersive space delivering critical care and ultrasound demonstrations, as well as an exclusive Q&A session with top names in the industry. Join the ATACC Group instructors in masterclass workshops where they will bring experience to life.
	17:00 <b>Panel debate</b> <i>Mike Grocott</i> <i>Tom Evens</i> <i>Melanie Wilson</i> <i>Mark Homer</i> <i>Mervyn Singer</i>	17:00 <b>Panel debate</b> <i>Chris Bassford</i> <i>Lu Spinney</i> <i>Alex Psirides</i>  <a href="#">@tanjidayo</a>	16:45 <b>ECMO: Apnoea testing in a special circumstance</b> <i>Nick Barrett</i>		
 <a href="#">@WhistlingDixie4</a>		17:00 <b>Not Too Hot, Not Too Cold...Just Right</b> <i>Celia Bradford</i>  <a href="#">@RobDietitian</a>			

17:15 – 18:30 Drinks Reception

17:45 – 18:30 ANNUAL MEMBERS MEETING (Exhibition Hall, ICS Village)

20:30 – LATE SOA PARTY – Vauxhall Arches







08:00 - 18:00 Registration Desk Open, QEII Centre  
 COFFEE, SOap box sessions in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)

AM 1  
 08:30 – 09:10

**Session 28 - 2018 YEAR IN REVIEW** Room England Ground Floor  
 Chair: *Jag Pooni*

08:30 **Top 5 Clinical Microbiology and Infection Studies** *Andy Conway Morris*  
 08:42 **Top 5 Trauma Studies** *Simon Carley*  
 08:54 **Top 5 Cardiac Studies** *Alastair Proudfoot*

	Room England Ground Floor	Room Scotland Level 6	Room Wales Level 5	Room Northern Ireland Level 4	The Education Zone Level 2
	<b>Session 29</b>	<b>Session 30</b>	<b>Session 31</b>	<b>Session 32</b>	<b>3 Zones: Sim-Crit Ultrasound Unplugged</b>
	<b>QUICK FIRE UPDATES</b>	<b>FRAILTY IN THE CRITICALLY ILL</b>	<b>ROADSIDE TO CRITICAL CARE – CHAPTER 3 TRAUMATIC BRAIN INJURY</b>	<b>THE FUTURE GENERATION OF RESEARCHERS – THE GOLD MEDAL</b>	
	Chairs: <i>Mervyn Singer &amp; Carolyn Calfee</i>	Chairs: <i>Stephen Webb &amp; Anna Batchelor</i>	Chair: <i>Nandan Gautam</i>	Chairs: <i>Andrew Bentley, Jeremy Bewley &amp; Natalie Pattison</i>	
	09:15 <b>NIV inside the ICU</b> <i>Rachael Moses</i>	09:15 <b>Healthy today, frail tomorrow. The science behind the syndrome</b> <i>Jonathan Ball</i>	<i>Mark Wilson</i> <i>Celia Bradford</i> <i>Toni Belli</i>	09:15 <b>The evaluation of a biomarker-based exclusion of ventilator-associated pneumonia to improve antibiotic stewardship. A multi-centre validation study and randomised controlled trial</b> <i>Tom Hellyer</i>	ATACC Group <i>Ashley Miller</i> <i>Justin Kirk-Bayley</i> <i>Marcus Peck</i> <i>Mark Forrest</i>
	09:30 <b>Defence of physiological function during high risk airway management</b> <i>Paul Mayo</i>	09:35 <b>Frailty, Disability and Death</b> <i>Lauren Ferrante</i>	The panel will present and debate the ideal management of severe traumatic brain injury. Topic covered will focus on initial roadside triage, fluid management to protect the brain,	09:30 <b>The effect of circulating humoral</b>	New for SOA18, The Education Zone led by the ATACC Group will combine an educational and immersive space delivering critical care and ultrasound demonstrations, as well as
AM 2 09:15 - 10:30	09:45 <b>Top Tips in stabilisation of the collapsed neonate and infant</b>	09:55 <b>The outcomes and cost implications of frailty in critical illness</b> Sean Bagshaw			

	<p><i>Michael Griksaitis</i></p> <p><b>10:00 The Roots of Resilience</b> <i>Mike Christian</i></p> <p><b>10:15 The human factor is always a factor</b> <i>Peter Brindley</i></p> <p> <i>@tanjidayo</i></p>	<p><b>10:15 Panel debate</b> <i>Jonathan Ball</i> <i>Lauren Ferrante</i> <i>Sean Bagshaw</i></p> <p> <i>@ESegaran</i></p>	<p>imaging, neuro-monitoring, medical care, prognostication and outcomes.</p> <p> <i>@iceman_ex</i></p>	<p><b>factors on mitochondria in sepsis-induced acute kidney injury</b> <i>Sean Pollen</i></p> <p><b>09:45 Direct measurement of intracellular mitochondrial respiration in skeletal muscle taken from critically ill patients demonstrates functional alterations with potential adaptive implications</b> <i>Hellen McKenna</i></p> <p><b>10:00 Microvesicles are key mediators of inflammation in acute lung injury</b> <i>Sanooj Soni</i></p> <p><b>10:15 Improving sepsis resuscitation with reinforcement learning</b> <i>Matthieu Komorowski</i></p> <p> <i>@bronwennolly</i></p>	<p>an exclusive Q&amp;A session with top names in the industry. Join the ATACC Group instructors in masterclass workshops where they will bring experience to life.</p>
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**10:30 – 11:15 COFFEE, SOAp box sessions in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)**

	Room England Ground Floor	Room Scotland Level 6	Room Wales Level 5	Room Northern Ireland Level 4	The Education Zone Level 2
	<b>Session 33</b>	<b>Session 34</b>	<b>Session 35</b>	<b>Session 36</b>	<b>3 Zones:</b>
	<b>THE BRAIN</b>	<b>THE FUTURE CHALLENGES FOR CRITICAL CARE</b>	<b>NEXT GENERATION PARADIGMS IN CRITICAL CARE BIOLOGY</b>	<b>THE CAULDRON: CRITICAL CARE GAME CHANGERS</b>	<b>Sim-Crit Ultrasound Unplugged</b>

AM 2  
11:15 - 12:30

Chairs: *Celia Bradford & Daniele Bryden*

**11:15 Pre-hospital and emergency surgical management of brain injuries**

*Mark Wilson*

**11:35 Emerging therapies and management frameworks for traumatic brain injury**

*David Menon*

**11:55 Perceived devastating brain injuries - challenges for intensive care**

*Dan Harvey*

**12:15 Panel debate**

*Mark Wilson*

*David Menon*

*Dan Harvey*

 *@LJMottram*

Chairs: *Hugh Montgomery & Stephen Webb*

**11:15 The impact of strained ICU Capacity**

*Sean Bagshaw*

**11:35 How do we get it right first time?**

*Anna Batchelor*

**11:45 Critical Care in 2025**

*Anna Batchelor*

*Sean Bagshaw*

*Carole Boulanger*

*Jamie Strachan*

*Natalie Pattison*

*Craig Brown*

 *@RobDietitian*

Chairs: *Brijesh Patel & Kenneth Baillie*

**11:15 Good Guys vs. Bad Guys**

*Charlotte Summers*

**11:27 Adaptive immunity and sepsis!**

*Manu Shankar-Hari*

**11:39 Sepsis survival and liver failure - it's all about the metabolic footprint**

*Mark McPhail*


**11:51 Critical illness is all about cells dying badly**

*Brijesh Patel*

**12:03 Biological enrichment in clinical trials: it's a no brainer!**

*Carolyn Calfee*

**12:15 Panel debate**

 *@shond3*

Chairs: *Laura Vincent & Aoife Abbey*

**11:15 Critical Care game changer: Facing up to bias**  
*Andrew Chadwick*

**11:30 The game will change when we stop looking for 'game changers'**

*Hywel Garrard*

**11:45 A New Ethical and Legal Paradigm for Organ Donation**

*Liam Scott*

**12:00 Artificial Intelligence - will we soon be out of a job?**

*Matt Rowe*

**12:15 The next member of the multidisciplinary team should be ...**

*Rebecca Lewis*

ATACC Group  
*Ashley Miller*  
*Justin Kirk-Bayley*  
*Marcus Peck*  
*Mark Forrest*

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12.30 – 14:00

LUNCH (provided) and lunchtime symposia in Exhibition Hall (Level 3) & ePosters viewing and judging (Level 5)

Chairs: *Nazir Lone and Kenneth Baillie*

 *@WhistlingDixie4*

#### AWARD ANNOUNCEMENTS AND PRIZE GIVING

1400 EPoster; Clinical and Free oral presentation; Pecha Kucha; Cauldron; The Gold Medal *Ganesh Suntharalingam*

1415 ICS Research Prioritisation Exercise 2019 *Andrew Bentley & Jeremy Bewley*

#### GUIDELINES, STANDARDS & NATIONAL POLICIES

1420 The New 2018 SCCM PADIS Guidelines: Quick Hits of Recommendations for Sedation, Delirium and Mobility

*Dale Needham*

1440 Opt in, Opt out, stirred not shaken

*Dale Gardiner*

#### THE BIG TRIALS OF 2018

1500 AIRWAYS-2: Effect of a Strategy of a Supraglottic Airway Device vs Tracheal Intubation During Out-of-Hospital Cardiac Arrest on Functional Outcome

*Jerry Nolan*

1520 PARAMEDIC-2: A Randomized Trial of Epinephrine in Out-of-Hospital Cardiac Arrest

*Gavin Perkins*

1540 POPPI: Provision Of Psychological support to People in Intensive care

*Kathy Rowan*

1600 INTEREST: Efficacy and Safety of FP-1201-lyo (Interferon Beta-1a) in Patients Having Acute Respiratory Distress Syndrome (ARDS)

*Geoff Bellingan*

1620 CLOSE

PM 1  
14:00 – 16:30