

Date: 26 – 29 August 2021

Venue: Birchwood Hotel & Conference Centre,  
Johannesburg

## Provisional Programme



Seeing the bigger picture

The CCSSA in collaboration with SASPEN



### Thursday 26 August Full Day

07h30 – 17h00	REGISTRATION	
	Venue	Coordinators
09h00 – 17h00	<b>CRUSE ultrasound workshop – cardiorespiratory ultrasound experience</b> This is a BSE FICE endorsed ultrasound workshop with a focus on ultrasound physics and knobology, basic transthoracic echocardiography and respiratory ultrasound for point of care application in acute and critical care settings. It is a full day practical and interactive workshop which focuses on time spent in small groups scanning models, facilitated by experienced teachers in the field. It includes the future opportunity to complete the FICE accreditation process.	

### Half Day (Morning Workshops)

07h30 – 17h00	REGISTRATION	
	Venue	Coordinators
09h00 – 12h30	<b>Mechanical Ventilation Workshop 1</b> The Mechanical Ventilation workshop will be a hands-on, interactive multi-station workshop presented by experienced intensivists with valuable input from various product specialists to provide practical insights how to optimize outcomes associated with mechanical ventilation. Topics will include managing patients with poor compliance and obstructive lung disease, the utility of recruitment manoeuvres, an approach to patient-ventilator dyssynchrony and liberation from mechanical ventilation including the use of non-invasive ventilation.	
	Venue	Coordinators
09h00 – 12h30	<b>ESPEN LLL - Approach to parenteral nutrition</b> The LLL course on the approach to parenteral nutrition (PN) is part of the LLL programme in Clinical Nutrition and Metabolism that is an innovative and effective educational programme for healthcare professionals, including medical doctors, dietitians, nurses, pharmacists etc. The LLL programme offers online training and live courses using a variety of modern training methodologies and resources. The LLL programme in Clinical Nutrition and Metabolism is based on an Educational Curriculum offering 120 training modules created and peer reviewed by recognized experts in the field. The LLL course on the approach to parenteral nutrition consists of 4 modules that focusses on indications and contraindications for PN, techniques of PN, compounding and Ready-to-use Preparation of PN (Pharmaceutical Aspects, compatibility and stability consideration; drug Admixing) and lastly, monitoring PN and complications of PN. This is followed by a case study discussion and the session is ends with a MCQ test on the content covered during the session.	
	Venue	Coordinators
09h00 – 12h30	<b>SASPEN workshop - Practical aspects of Enteral Nutrition</b> A practical hands-on workshop looking at enteral nutrition access routes and enteral nutrition trouble shooting. Participants in this workshop can look forward to learning more about feeding routes and the practical aspects of tube insertion and stents. Trouble shooting will be addressed by looking at various aspects from blocked tubes, intra-abdominal hypertension to vomiting and diarrhoea and ultimately how to optimize enteral nutrition delivery.	
	Venue	Coordinators
09h30 – 10h30	<b>Nursing workshop 1 - How to facilitate change in my ICU</b> The CCSSA Nursing Forum is launching a project where nurses will come and share their stories of change in their units at the annual CCSSA congress. This workshop will aim to assist ICU nurses who want to facilitate change in their unit to do so in a sustainable manner.	
	Venue	Coordinators
11h00 – 12h30	<b>Nursing workshop 2 - Back to basics - interpreting ABGs and ECGs</b> Arterial blood gases and ECGs are essential for managing and monitoring critically ill patients and are key responsibilities of nurses working in ICU. This workshop presents the basics of interpreting both ABGs and ECGs	
	Venue	Coordinators

# Thursday 26 August

## Half Day (Afternoon Workshops)

	Venue	Coordinators
13h30 – 17h00	<p><b>Current concepts in critical care</b>            Current Concepts in Critical Care is a course designed for the advanced trainee in Intensive Care, Emergency Medicine or Anaesthesia. With limited numbers and small group advanced learning, this course provides an in-depth, practical look at the management of common, real critical care issues. The material will provide an excellent primer for those doing fellowship examinations, or can simply be an advanced refresher for the practising clinician. The format is one of detailed, small, interactive clinical case study discussion groups facilitated by both an Intensivist and sub-specialist from the relevant speciality.            Workshops covered include:</p> <ul style="list-style-type: none"> <li>•Infections and Microbiology in Critical Care</li> <li>•Renal and Metabolic</li> </ul>	
	Venue	Coordinators
13h30 – 17h00	<p><b>ESPEN LLL - ICU Nutrition: Treatment and Problem Solving</b>            The LLL course on ICU nutrition: treatment and problem solving is part of the LLL programme in Clinical Nutrition and Metabolism that is an innovative and effective educational programme for healthcare professionals, including medical doctors, dietitians, nurses, pharmacists etc. The LLL programme offers online training and live courses using a variety of modern training methodologies and resources. The LLL programme in Clinical Nutrition and Metabolism is based on an Educational Curriculum offering 120 training modules created and peer reviewed by recognized experts in the field.            The LLL course on ICU nutrition: treatment and problem solving consists of 4 modules that focusses on energy status and metabolism of the ICU patient, refeeding syndrome in the ICU, protein catabolism in the ICU patient and assessment of lean body mass as well as effective administration of protein, information regarding fat and carbohydrate administration, and lastly on selecting the most appropriate feeding route for your patient. This is followed by a case study discussion and the session is ends with a MCQ test on the content covered during the session.</p>	
	Venue	Coordinators
13h30 – 17h00	<p><b>Mechanical Ventilation Workshop</b>            The Mechanical Ventilation workshop will be a hands-on, interactive multi-station workshop presented by experienced intensivists with valuable input from various product specialists to provide practical insights how to optimize outcomes associated with mechanical ventilation. Topics will include managing patients with poor compliance and obstructive lung disease, the utility of recruitment manoeuvres, an approach to patient-ventilator dyssynchrony and liberation from mechanical ventilation including the use of non-invasive ventilation.</p>	
	Venue	Coordinators
13h30 – 17h00	<p><b>SASPEN workshop - Understanding surgical GI anatomy</b>            This interactive workshop is aimed at the non-surgeon healthcare professional who deals with surgical patients on a day to day basis. It will be presented by a surgeon and will focus on the general GI anatomy as well as specific surgical procedures and reconstructions. The aim is to provide participants with a better understanding of surgical complexities and the new GI anatomy of the patients they deal with.</p>	

10h30 – 11h00	<b>Refreshments</b>
12h30 – 13h30	<b>LUNCH</b>
15h00 – 15h30	<b>Refreshments</b>
18h00	<b>Opening Welcome Cocktail</b>

# Friday 27 August

<b>07h30 – 17h00</b>	<b>REGISTRATION</b>								
Venue								Chair	
<b>08h00 – 10h00</b>	<b>PLENARY 1</b>								
08h00 – 08h30	Welcome Interview: Conversation with uncertainty - <b>Juan Scribante</b> Welcome from organisers - <b>Kuban Naidoo</b> Welcome from the President - <b>Dean Gopalan</b>								
08h30 – 09h00	The Worldwide Burden of Sepsis - <b>Neill Adhikari</b>								
09h00 – 09h30	What exactly is usual care? - <b>Bronagh Blackwood</b>								
09h30 – 10h00	What is the best way to deliver protein in the ICU? - <b>Daniella Bear</b>								
<b>10h00 – 10h30</b>	<b>Refreshments</b>								
<b>Parallel 1 10h30 – 12h30</b>	<b>Shock Management</b>	<b>Parallel 2</b>	<b>Neurological Emergencies</b>	<b>Parallel 3</b>	<b>Ventilation (ARDS)</b>	<b>Parallel 4</b>	<b>First Responders</b>	<b>Parallel 5</b>	<b>SASPEN</b>
Venue		Venue		Venue		Venue		Venue	
Chairs		Chairs		Chairs		Chair		Chair	
10h30 – 10h50	Characterisation of Hemodynamic profiles - <b>Antonie Vieillard-Baron</b>		Is moderate TBI managed differently? - <b>Ivan Joubert</b>		ARDS. From Berlin to Wuhan and back - <b>Giacomo Bellani</b>		Transfer of the ventilated patient: precautions for the contagious patient - <b>Dave Stanton</b>		Protecting the gut in critical illness
10h50 – 11h10	Angiotensin 2 for Septic Shock-II - <b>I Kalla</b>		Tranexemic acid for TBI? - <b>Rob Wise</b>		Paralysis for ARDS? No - <b>Francesca Rubulotta</b> Paralysis for ARDS? Yes - <b>F Majoli</b>				Stress ulcer prophylaxis in the ICU. When do we start and when can we stop?
11h10 – 11h30	Vasopressor's – Autopilot? - <b>Dean Gopalan</b>		Do we need to monitor ICP? - <b>Rajiv Hedge</b>		Proning in ARDS - <b>Giacomo Bellani</b>		Roc vs Sux for Out of hospital RSI – Journal Club - <b>Dave Fredericks</b>		IAP – when should we measure and when should we treat?
11h30 – 11h50	What about a B blocker? - <b>N Mdladla</b>		COVID19: Overcoming the burden faced by HCW - <b>Busi Mrara</b>		Indirect Calorimetry – the answer? - <b>Ivan Joubert</b>				Managing abdominal mayhem – The open abdomen, the damage control laparotomy and other surgical solutions
11h50 – 12h10	Shock. Not for Physio? - <b>Ronel Roos</b>		Neuropsychiatric sequelae of TBI - <b>P Naicker</b>		VV ECMO – the African experience - <b>S Bhamjee</b>		Be the boss you want to work for (Ethics) - <b>Dave Stanton</b>		Managing abdominal mayhem – What are the nutritional issues? Feeding strategies in raised IAP and open abdomen patients
12h10 – 12h30	VA ECMO for Septic Shock - <b>Dave Thomson</b>		Delirium – A neurological emergency - <b>Belinda Karstens</b>		Nuances of respiratory muscle rehabilitation - <b>Heleen van Aswegen</b>				As time goes by – the chronically open abdomen, fistulae and other tummy upsets - <b>Anna-Lena du Toit</b>

<b>12h30 – 13h45</b>	<b>LUNCH</b>								
12h30 – 13h45	Venue: Nurses Forum					Venue: Lunch Sponsored Symposia			
12h40 – 13h40	Venue: Lunch Sponsored Symposia					Venue: Lunch Sponsored Symposia			
	Chair:					Chair:			
<b>Parallel 6 13h45 – 15h00</b>	<b>Risky Business</b>	<b>Parallel 7</b>	<b>Antibiotics and infection</b>	<b>Parallel 8</b>	<b>Tutorials 1</b>	<b>Parallel 9</b>	<b>2 Paediatric</b>	<b>Parallel 10</b>	<b>The SASPEN Game Show. Who wants to be a nutritional fundi?</b>
Venue		Venue		Venue		Venue		Venue	
Chair		Chair		Chair		Chair		Chair	
14h00 – 14h15			Molecular testing for the Intensivist - <b>Liam Brannigan</b>		<b>Physio Workshop</b> Physio in ICU – The Australian perspective		Building an African PICU - <b>Rudo Mathivha</b>		All your questions answered on IV lipids, allergies and other controversies with your host,... - <b>David Fredericks</b>
14h15 – 14h30			How useful are macrolides? - <b>Lincoln Solomon</b>				Monitoring respiratory muscle function - <b>Ayesha Khan</b>		
14h30 – 14h45			New antibiotics? Fact or fiction (Role of new BL/BLI's) - <b>Guy Richards</b>				Targeting the Mitochondria in Paediatric Sepsis: Should we be resuscitating our Patients' Ch'i? - <b>Scott Weiss</b>		
14h45 – 15h00			Nebulised Antibiotics – time for targeted therapy? - <b>Gladness Nethathe</b>				Refractory Status Epilepticus - <b>Shivani Singh</b>		
15h00 – 15h15			Emerging therapies: Nebulised heparin - <b>Shiraaz Bhamjee</b>				Baby Steps – Quality assurance in PICU - <b>Brenda Morrow</b>		
<b>15h15 – 15h45</b>	<b>REFRESHMENTS</b>								

<b>Parallel 11</b> 15h45 – 16h45	<b>Risky Business</b>	<b>Parallel 12</b>	<b>Tutorial</b>	<b>Parallel 13</b>	<b>Pancreatitis</b>	<b>Parallel 14</b>	<b>SASPEN – Oral Abstracts</b>
Venue		Venue		Venue		Venue	
Chair		Chair		Chair		Chair	
15h45 – 16h05			ICU management of the brain-dead organ donor – Tutorial - <b>Dave Thomson</b>		Severe acute pancreatitis – A surgeon’s perspective - <b>John Dewar</b>		
16h05 – 16h25					Antibiotic strategies – Unending debate - <b>N Ahmed</b>		
16h25 – 16h45						Feeding? – Clarity for once - <b>Vanessa Kotze</b>	
<b>19h00</b>	<b>Speakers’ Dinner (Invite only)</b>						

## Saturday 28 August

<b>07h30 – 17h00</b>	<b>REGISTRATION</b>		
07h00 – 07h45	Venue: Sponsored Breakfast Symposium 1	07h00 – 07h45	Venue: Sponsored Breakfast Symposium 2
Title - Speaker		Title - Speaker	
Venue			
Chair			
	PLENARY 2		
08h00 – 08h30	Knowledge transfer across the world - <b>Francesca Rubulotta</b>		
08h30 – 09h00	To be advised		
09h00 – 09h30	Paediatric Surviving Sepsis 2020 – Finally! - <b>Scott Weiss</b>		
09h30 – 10h00	Making stronger ICU survivors - <b>Selina Parry</b>		

<b>10h00 – 10h30</b>	<b>REFRESHMENTS</b>							10h00 – 11h00		
<b>Parallel 15</b>	<b>Sepsis</b>	<b>Parallel 16</b>	<b>Renal Critical Care – AKI case scenario</b>	<b>Parallel 17</b>	<b>Trauma and Burns</b>	<b>Parallel 18</b>	<b>Snapshots</b>	<b>Parallel 19</b>	<b>SASPEN Adult Protein and other balancing acts</b>	<b>SASPEN Paediatrics</b>
Venue		Venue		Venue		Venue		Venue		
Chair		Chair		Chair	<b>Riaan Pretorius</b>	Chair		Chair		
10h30 – 10h45	Sepsis guidelines: Recommendations or the long arm of the law? - <b>Neill Adhikari</b>		Who will develop AKI? - <b>Nadiya Ahmed</b>		Damage control – getting it right - <b>R Pretorius</b>		Time for albumin? - <b>Malcolm Miller</b>	11h00 – 11h20	Effect of protein in the early phase of critical illness - <b>Daniella Bear</b>	How do we support growth in children with chronic diseases and critical illness
10h45 – 11h00	Sepsis in the ward - <b>Sats Bhagwanjee</b>		How important is blood pressure? - <b>Busi Mrara</b>		REBOA in major trauma - <b>V Jennings</b>		Bicarbs back? - <b>Ivan Joubert</b>	11h20 – 11h40	How do we balance energy and protein intake in the acute phase?	What is the target for protein provision in critically ill children?
11h00 – 11h15	Lactate for defining septic shock - <b>Kim de Vasconcellos</b>		Biomarkers to prevent AKI - <b>Nathi Mdladla</b>		Massive transfusion and TEG – 1 hour too late? - <b>Kim de Vasconcellos</b>		Use your head : TCD - <b>J Brown</b>	11h20 – 11h40	How can we achieve protein targets in the ICU? - <b>Lizl Veldsman</b>	To feast or to fast? How should the septic child be treated?
11h15 – 11h30	Septic shock. To feed or not to feed - <b>R Siebert</b>		RRT Mode? 3, 12 or 24h - <b>To be advised</b>		Recent developments in burns rehabilitation (OT) - <b>T Fairbairn</b>		Open your eyes : OND - <b>N Parag</b>	12h00 – 12h20	High protein, at what cost to the microbiome?	Allergies, what role does early life and nutrition exposure play?
11h30 – 11h45	Paediatric HATs - <b>Scott Weiss</b>		What kind of nutritional strategy? - <b>Lynette Cilliers</b>		Enteral glutamine – Making a comeback - <b>Engela Francis</b>		11h30 – 12h45 (Ethics) When ethical principles compete - <b>S Murphy and Linda Doedens</b>	12h20 – 12h40	Pre-packaged nutrition – what are the practical limitations? - <b>Vanessa Kotze</b>	Diagnosis and initial nutritional management of inborn errors of metabolism
11h45 – 12h00	Sepsis in LMIC - <b>Mervyn Mer</b>		The hypermetabolic patient with ARC - <b>G Nthate</b>		Data science – Lessons from trauma - <b>Petra Brysiewicz</b>			12h40 – 13h00	Catch-up nutrition – can a big brunch do the trick? - <b>Karen Steynberg</b>	The ketogenic diet for management of epilepsy
12h00 – 12h15	Sepsis in Australia. An endangered species - <b>Siba Senthuran</b>		CRRT – Individualised antibiotic dosing - <b>Gavin Joynt</b>		The burden of trauma in the PICU - <b>Lincoln Solomon</b>					
12h15 – 12h30	Pneumocystis pneumonia is a single organ disease! - <b>I Kalla</b>		Beyond the Renal filter - <b>F Paruk</b>		Discussion					
<b>12h30 – 13H45</b>	<b>LUNCH</b>									

12h45 – 13h45	Venue: MR11 Lunch Sponsored Symposia			Venue: MR 12 Lunch Sponsored Symposia			Venue: SASPEN AGM				
Parallel 20	RESUS!	Parallel 21	Free Papers	Parallel 22	Paediatric	Parallel 23	Nursing	Parallel 24	SASPEN Adult Micronutrients, small things winning big battles	Parallel 25	SASPEN Paediatrics (13h30 – 15h30) ESPEN LLL 3 – Nutrition support in paediatric patients (II)
Venue		Venue		Venue		Venue		Venue			
Chair		Chair		Chair		Chair	<b>Belinda Karstens</b>	Chair			
13h45 – 14h00	Out of hospital cardiac arrest – improving resuscitation - <b>Rajiv Hedge</b>				The reality of paediatric emergency mass critical care in the developing world - <b>Andrew Argent</b>		Translating research into practice - <b>Bronagh Blackwood</b>	14h00 – 14h20	Vitamin D – Do we need sunshine in ICU? - <b>Anna-Lena du Toit</b>		The LLL course on nutrition support in paediatric patients is part of the LLL programme in Clinical Nutrition and Metabolism that is an innovative and effective educational programme for healthcare professionals, including medical doctors, dietitians, nurses, pharmacists etc. The LLL programme offers online training and live courses using a variety of modern training methodologies and resources. The LLL programme in Clinical Nutrition and Metabolism is based on an Educational Curriculum offering 120 training modules created and peer reviewed by recognized experts in the field. The LLL course on nutrition support in paediatric patients (II) consist of 4 modules that focusses on Nutrition in Infancy and Childhood and Prevention of Diseases, enteral nutrition in paediatrics, parenteral nutrition in paediatrics, and principles of feeding in paediatric ICU. This is followed by a case study discussion and the session is ends with a MCQ test on the content covered during the session.
14h00 – 14h15	COVID19 arrest - <b>Kim de Vasconcellos</b>				What’s new in paediatric airway management - <b>Palesa Mogane</b>		NICE bedside skills - <b>Isabel Coetzee</b>	14h20 – 14h40	Freshly squeezed, how should Vitamin C be served in the ICU? - <b>Ivan Joubert</b>		
14h15 – 14h30	Intubation during CPR? - <b>David Fredericks</b>				Dexmedetomidine and cardiac surgery - <b>Idris Chikophe</b>		“Successful exceptions” positive defiance in ICU - <b>Janet Bell</b>	14h40 – 15h00	Thiamine, what’s all the w(h)ining about?		
14h30 – 14h45	Is paediatric cardiac arrest different? - <b>Shivani Singh</b>				Post abdominal surgery – Is TPN still mandatory? - <b>Tarryn Forsyth</b>		Seeing the bigger picture with quality assurance - <b>To be Advised</b>	15h00 – 15h20	Iron supplementation – hitting the nail on the head.		
14h45 – 15h00	CPR and the ICU nurse - <b>Ellen le Roux</b>				The impact of denial of access to the PICU - <b>Brenda Morrow</b>		Critical care ready for new challenges - <b>Petra Brysiewicz</b>	15h20 – 15h30	Discussion		
15h00 – 15h15	Post ROSC care & prognostication - <b>Liam Brannigan</b>				Acute liver failure – post transplant outcomes - <b>Edi Bruckmann</b>		Discussion				
<b>15h15 – 15h45</b>	<b>REFRESHMENTS</b>										
Venue								Venue		Venue	
Chair								Chair		Chair	
<b>Parallel 26</b>	<b>Debates/Panel Discussions</b>							<b>Parallel 27</b>	<b>SASPEN Adult – Creating survivors</b>	<b>Parallel 28</b>	<b>SASPEN Paediatric LLL</b>
15h45 – 16h15	Bid data – Bytes to bedside - <b>Nelson Sanchez Pinto</b>							16h00 – 16h20	Beating ICU acquired weakness one mobilisation at a time - <b>Selina Parry</b>		

16h15 – 17h15	Implications of the NHI for the delivery of Critical Care in South Africa – Ethics, Economics, and lessons from COVID19 - <b>Morgan Chetty/Anban Pillay, Rudo Mathivha, Dean Gopalan, Brian Levy, Sats Bhagwanjee</b>	16h20 – 16h40	Nutritional intake post ICU - <b>Logesh Govender</b>		
		16h40 – 17h00	What kind of nutrition should we provide in the rehabilitation phase? - <b>Daniella Bear</b>		
		17h00 – 17h20	Dysphagia – assessment and management		
15h15 – 15h45	REFRESHMENTS				
17h15 – 18h00	AGM CCSSA				
19h15	GALA DINNER (19h15 for 19h30)				

## Sunday 29 August

<b>07h30 – 10h00</b>	<b>REGISTRATION</b>			
Venue				
Chair				
	<b>PLENARY 3</b>			
07h30 – 08h30	Ethics - <b>J Brown &amp; L Doedens</b>			
<b>Parallel 29</b>	<b>Hot topics</b>	<b>Parallel 30</b>	<b>Respiratory/Pulmonology/more Ventilation</b>	
Venue		Venue		
Chair		Chair		
08h00 – 08h20	COVID 19 – Typing... - <b>Guy Richards</b>	08h00 – 08h20	E cigarettes and Vaping ALI - <b>Charles Feldman</b>	
08h20 – 08h40	Ulcer prophylaxis. And the winner is..... - <b>Mervyn Mer</b>	08h20 – 08h40	Preventing intubation - <b>Scott Murphy</b>	
08h40 – 09h00	The complex interplay between psychology and physiotherapy - <b>Heleen van Aswegen</b>	08h40 – 09h00	Optimising patient ventilator interactions - <b>Francesco Majoli</b>	
09h00 – 09h20	More ICU beds or Smart monitoring? – <b>Siba Senthuran</b>	09h00 – 09h20	Relationship between mechanical indices and patient outcomes - <b>Giacomo Bellani</b>	
09h20 – 09h40	The innocent bedbath - <b>Belinda Karstens</b>	09h20 – 09h40	To sedate or not to sedate? - <b>Malcolm Miller</b>	
09h40 – 10h00	Smartphones in ICU - <b>Rob Wise</b>	09h40 – 10h00	Weaning wizardry - <b>Bronagh Blackwood</b>	
<b>10h00 – 10h30</b>	<b>REFRESHMENTS</b>			



Venue	
Chair	
	<b>PLENARY 4 – Closing plenary</b>
10h30 – 11h00	Looking back, the future of mechanical ventilation : Relevant or extinct? - <b>Giacomo Bellani</b>
11h00 – 11h30	Pharmacogenomics in ICU - <b>Andries Gouws</b>
11h30 – 12h00	Gut microbiome vs host: Interactions during health and disease - <b>James Kinross</b>
12h00 – 12h30	Our 5 year vision - <b>Fathima / Anthony</b>
12h30 – 12h40	<b>CLOSE OF CONGRESS</b>

# CCSSA CONGRESS 2021



**Seeing the bigger picture**

