

SCIENTIFIC PROVISIONAL PROGRAMME

THURSDAY, 22 AUGUST 2024

07h30 – 08h30		REGISTRATION					
WORKSHOPS							
09h00 – 10h30	Mini-IFAD Manu Malbrain The program includes short lectures, skills stations via live camera projection and advanced case discussions. Key areas that will be covered include: Resuscitative fluids, Fluid stewardship, Guidance of fluid therapy with Non-invasive hemodynamic monitoring, Bio-electrical impedance analysis, Point-of-care US (VExUS) and the use of AI in the future. There will be 3 skills stations and 4 advanced case discussions including the opportunity to self assess with feedback. Seventy-five tickets are available for this globally sought after workshop.	CRUSE - Cardiorespiratory ultrasound experience Robert Wise It includes and introduction to basic physics and knobology. This is complemented with 4 practical skills stations pertaining to machine orientation, sonoanatomy with basic echocardiography views; basic lung US; Lung US and a station that combines the aforementioned skills. Opportunities for self-test with feedback are included and there 25 tickets available for this workshop.	Renal Replacement Therapy (Morning option) This workshop will address the current extracorporeal treatment options available for acute renal replacement therapy including CRRT, SLEDD and IHD. Current anticoagulation strategies will also be included as well as the use of extra-corporeal therapy for acute intoxications. The format of the workshop will include a few brief lectures and small group discussions.	Toxicology A contemporary look at toxicology with a touch of local flavour. Discover innovative management strategies and go through real scenarios with simulation. Ideal for anyone seeing adult or paediatric patients.	Nursing This half day Hemodynamic workshop for Critical Care Nurses will cover: Cardiovascular physiology, the understanding and interpretation of waveforms, the effects of decreased cardiac output on body systems, the early recognition of the deteriorating critically ill/injured patient and the Interpretation of hemodynamic parameters. The duration of the workshop will be 2.4 hours and is limited to 60 pax	SASPEN: ESPEN LLL - TPN Sponsored by Fresenius Kabi Topic 9 details how to approach PN in order to improve competency and skill in clinical nutrition to more effectively treat disease and promote health. It covers indications for PN; risks and benefits of different i.v. access routes; different PN systems and their advantages and limits; compounding risks using GMP, and the pharmacist's responsibilities for admixing services; risks of mixing i.v. drugs and PN; importance of monitoring and implementation of monitoring protocols to optimise PN and prevent or quickly detect complications; and tools to interpret new scientific information.	SASPEN: Nutrition assessment and body composition Sponsored by Baxter This workshop will focus on comprehensive nutrition status assessment techniques. Implementation of screening tools and malnutrition diagnosis according to GLIM criteria will be practiced. This will be followed by various case study discussion with practical implementation of body composition results to assist with nutrition decision-making.
	REFRESHMENTS IN VENUE FOYER						
11h00 – 12h30	Mini - IFAD (Continued)	CRUSE - Cardiorespiratory ultrasound experience (Continued)	Renal Replacement Therapy (Morning option) (Continued)	Toxicology (Continued)	Nursing (Continued)	SASPEN: ESPEN LLL - TPN (Continued)	SASPEN: Nutrition assessment and body composition (Continued)

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12h30 - 13h30	LUNCH						
WORKSHOPS							
13h30 - 15h00	Mini - IFAD (Continued)	CRUSE - Cardiorespiratory ultrasound experience (Continued)	Renal Replacement Therapy (Afternoon option)	Respiratory Support	Electrical Impedance Tomography	SASPEN: Practical aspects of Enteral and Parenteral nutrition	SASPEN Nursing workshop: Understanding and managing nutrition support of patients in the ICU
				This interactive workshop will address a selection of topics relevant to contemporary approaches to the management of patients requiring acute respiratory support. The topics under discussion will include the use of non-invasive therapies such as High Flow Nasal Cannula (HFNC) and Non-invasive ventilation (NIV), patient-ventilator dyssynchrony and weaning from invasive mechanical ventilation.	A practical hands-on and comprehensive approach to managing the complexity of ARDS with Electrical impedance technology taking center stage. The potential role of sedation strategies, right heart function and patient effort will all be addressed.	During this hands-on workshop, we will cover enteral and parenteral feeding access routes in terms of logistics, advantages and disadvantages, as well as management of line misplacement. This will be followed by a session on parenteral feed mixing, handling and administration, as well as line care. During a case discussion, feeding prescription calculation and compilation will be covered, together with practical examples of enteral and parenteral complications.	<i>Sponsored by Fresenius Kabi</i> <i>Sponsored by Abbott</i> This interactive workshop is aimed at nursing professionals who deals with nutritional support of ICU patients on a day-to-day basis. The aim is to provide participants with a better understanding of the thought-process behind nutritional prescriptions and how to manage it. Nutritional requirements and the concept of immunonutrition will be discussed. Feeding routes and practical aspects of tube insertion, as well as selection of appropriate feeding products will be explored with practical examples. Adequate time will also be spent on discussing management of feeding-related complications. Participants should be able to understand how the feeding prescription aligns with nutritional requirements and be confident in managing feeding-related complications.
15h00 - 15h30	REFRESHMENTS IN VENUE FOYER						
15h30 - 17h00	Mini - IFAD (Continued)	CRUSE - Cardiorespiratory ultrasound experience (Continued)	Renal Replacement Therapy (Afternoon option)	Respiratory Support (Continued)	Electrical Impedance Tomography (Continued)	SASPEN: Practical aspects of Enteral and Parenteral nutrition (Continued)	SASPEN Nursing workshop (Continued)
18h00	OPENING WELCOME COCKTAIL IN EXHIBITION HALL						

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07h30 – 08h30	REGISTRATION				
	VENUE 1	VENUE 2	VENUE 3	VENUE 4	VENUE 5
08h30 - 09h45	My approach	Nephrology	Nursing	PAEDS Parallel session	SASPEN - Current opinions in critical care nutrition
08h30 - 08h45	Optimising antimicrobial dosing	AKI prediction: Whats available and how valuable?	The Critical care nurse and the new scope of practice	TBC	Nutrition support - Money worth spent
08h45 - 09h00	Vasopressor use in the hypotensive patient	Timing of RRT: How important	Caring for the Carer in the Intensive Care Unit	TBC	Personalized versus protocolized nutrition
09h00 - 09h15	Gamification of Critical Care education Lauren Sorce	Renal Protection including role of fluids, arterial pressure target and best vasopressor	Discussion	TBC	How do we balance energy and protein intake in the acute phase?
09h15 - 09h30	POCUS in clinical management Aarti Sarwal	The role of the kidney in organ cross talk	TBC	TBC	Synergistic effect between omega-3 and protein on muscle
09h30 - 09h45	Discussion	Discussion	Discussion	Discussion	Discussion
09h45 - 10h30	REFRESHMENT BREAK / PRODUCT THEATRE				
10h30 - 11h30	Sepsis therapies	Cardiology	Clinical practices	PAEDS Expert panel discussion	SASPEN - Nutritional challenges in the ICU
10h30 - 10h45	The immune response needs attention	Heart lung Interactions: Clinical impact Xavier Monnet	Protocolised Sedation	Viral respiratory tract infections after the pandemic	Take my breath away! Challenges in feeding the ventilated patient
10h45 - 11h00	Microcirculatory recruitment: Are we there? Robert Wise	Right heart failure: Clinical management	ICU Delirium - why aren't we getting it right?	The XDR GNB Conundrum	Glycemic control in the ICU, hitting the sweet spot
11h00 - 11h15	Does fever equal antibiotics	Cardiogenic shock, indications for temporary circulatory support and ECMO	"Care bundles " how do we utilise the data collected?	Paediatric Sepsis 2.0	Managing the impact of renal replacement therapy on nutrition in the critical care unit
11h15 - 11h30	Discussion	Discussion	Discussion	Discussion	Discussion

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11h30-12h45	Neurointensive Care	Updates	Surgery	PAEDS Expert panel discussion	SASPEN - Nutritional challenges in the ICU
11h30-11h45	Clinical assessment in critical care patients Safar Zahar	Blood Transfusion: More or Less? Janice Zimmerman	Open abdomen in the ICU: Important considerations	Neurocritical care monitoring	GIT upsets and disorders in the ICU - When is the nutrition to blame and how to manage it
11h45-12h00		Reversal of novel anticoagulants in ICU Gladness Nethathe	Liver transplant: Evaluation & patient selection	Bundling care to improve outcomes	Nutrition therapy in patients on ECMO
12h00-12h15	Neuroimaging and Neuromonitoring for the intensivist Aarti Sarwal	Adding a M to Multidisciplinary Team [MDT]	Emergency Department: Using Surviving Sepsis guideline for shock trauma	Severe DKA - Consensus?	Is there a role for vitamin C in the ICU
12h15-12h30		TBC	Interdisciplinary collaboration to ensure basic emergency training for critical care nurses	The use of Virtual reality [VR] in the critical care environment	Iron supplementation in the ICU, hitting the nail on the head
12h30-12h45	Guideline based management Safar Zahar	Discussion	Discussion	Discussion	Discussion
12h45-14h00	LUNCH / PRODUCT THEATRE				
13h00-14h00	LUNCH SYMPOSIUM <i>Sponsored by: Abbott Laboratories</i>			LUNCH SYMPOSIUM <i>Sponsored by: Pfizer Laboratories</i>	
14h00-16h15	WELCOME AND PLENARIES				
14h00-14h15	Welcome: CCSSA and SASPEN				
14h15-14h45	Cardiac output measurement : An individualised approach				Xavier Monnet
14h45-15h15	Women in Critical Care: Achievements and Challenges				Janice Zimmerman
15h15-15h45	Pop up PICU				Intikhab Zafurallah
15h45-16h15	TBC				

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16h15-16h45	REFRESHMENT BREAK / PRODUCT THEATRE		
16h45-18h00	PLENARIES		VENUE 5 SASPEN – Free papers
16h45-17h10	TBC	Lauren Sorce	Free Paper 1
17h10-17h15	TBC		Free Paper 2
17h15-18h00	CONVERSATION WITH THOUGHT LEADERS: FLUIDS AND MONITORING		Free Paper 3
17h15-18h00	Xavier Monnet, Shiela Myatra, Manu Malbrain, Intikhab Zafurallah & Lauren Sorce	Robert Wise	Free Paper 4
18h00-18h45	AGM CCSSA		Discussion

SATURDAY, 24 AUGUST 2024

07h00 – 08h00	REGISTRATION										
07h00-07h45	BREAKFAST SYMPOSIUM						BREAKFAST SYMPOSIUM <i>Sponsored by: Dahlhausen</i>				
08h00-10h00	PLENARY										
08h00-08h30	Counteracting ICU strain with multidisciplinary collaboration									Mark Nicholls	
08h30-09h00	The physiologically difficult airway									Sheila Myatra	
09h00-09h30	Fluid management in intra-abdominal hypertension									Manu Malbrain	
09h30-10h00	Beyond Boundaries Building Brilliant										
10h00-10h45	REFRESHMENT BREAK / PRODUCT THEATRE										
VENUE 1		VENUE 2		VENUE 3		VENUE 4		VENUE 5		VENUE 6	
10h45-13h25	Respiratory	10h45-13h25	Infections	10h45-11h45	Nursing	10h45-13h25	PAEDS 1	10h45-13h25	SASPEN Nutritional challenges in clinical setting	10h45-13h25	SASPEN - Paediatrics Gastrointestinal diseases
10h45-11h00	Acute on Chronic Respiratory Failure: Role of Non-Invasive Respiratory Support Nicholas Hart	10h45-11h00	New Rapid pathogen Detection tests: What is available	10h45-11h00	Excellence in critical care: the role of the critical care nurse	10h45-11h00	Getting the most from NIV Intikhab Zafurallah	10h45-11h00	The weak getting weaker: Frailty and sarcopenia in ICU	10h45-11h00	Do all infants with diarrhea need specialised enteral nutrition?
11h00-11h15	Lung protection: Driving pressure or tidal volume Mark Nicholls	11h00-11h15	New Rapid pathogen Detection tests: Where do they fit in our current practice		11h00-11h15	Work life balance and the Critical care nurse	11h00-11h15	Status Asthmaticus - ICU Strategies	11h00-11h15	The phosphate dropped! Does Refeeding syndrome exist in the critically ill and how to manage it	11h00-11h15
11h15-11h30	Individualised oxygen targets	11h15-11h30	Infections in immune compromised patients (neutropenia, HSCT): Empiric approach	11h15-11h30		Development of quality indicators for Critical care	11h15-11h30	ECMO for Congenital Diaphragmatic Hernia	11h15-11h30	Barriers to meeting nutrition requirements in the ICU: Monitoring nutrition Implementation and delivery	11h15-11h30
11h30-11h45	Mechanical ventilation to assess fluid responsiveness Sheila Myatra	11h30-11h45	Options for difficult to treat organisms		11h30-11h45	Discussion	11h30-11h45	Managing the drowned child	11h30-11h45	What is new in the management of Severe Acute Pancreatitis	11h30-11h45
11h45-12h00	Airway Opening Pressure	11h45-12h00	Discussion	11h30-11h45		Discussion	11h45-12h00	Discussion	11h45-12h00	Polypharmacy and nutrition	11h45-12h00
12h00-12h15	Discussion				12h00-12h15		Liberation from mechanical ventilation Shamiel Sallie	12h00-12h15	Discussion	12h00-12h15	Discussion

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VENUE 1		VENUE 2		VENUE 3		VENUE 4		VENUE 5		VENUE 6	
12h25-13h25	AI and Machine Learning	12h25-13h25	Considerations in critical illness	11h50-12h25	Tutorial 1	12h15-13h25	PAEDS 1	12h15-13h25	SASPEN - Treating with the end in mind	12h15-13h25	SASPEN - Paediatrics Gastrointestinal diseases
12h25-12h40	Publishing with the aid of Chat GPT Aarti Sarwal	12h25-12h40	Mineralocorticoid dysfunction in critical illness Gladness Nethathe	11h50-12h25	Fungal sepsis	12h15-12h30	Nutritional considerations during weaning	12h15-12h30	Optimal nutrition for recovery post ICU discharge	12h15-12h30	Nutritional management of infants with cardiac conditions – pre and post cardiac surgery
12h40-12h55	Digital Twin informing patient management	12h40-12h55	Early diagnosis of mesenteric ischiemat			12h30-12h45	The Endothelial Glycocalyx - state of the science	12h30-12h45	Nutrition support after ICU discharge	12h30-12h45	Nutritional challenges in Peadiatric oncology
12h55-13h10	How to design a study using machine learning	12h55-13h10	Opioid epidemic in Critical Care	12h30-13h05	Tutorial 2	12h45-13h00	TBC Lauren Sorce	12h45-13h00	The role of nutrition in prevention and treatment of Pressure ulcers	12h45-13h00	Diagnosis and initial nutritional management of inborn errors of metabolism
13h10-13h25	Discussion	13h10-13h25	Discussion	12h30-13h05	End of life Care	13h00-13h15	Paediatric Critical Care Research - Priorities, Pearls & Pitfalls	13h00-13h15	Guillain Barre, in for the long haul. How to optimize nutrition support	13h00-13h15	Micronutrients for sick infant or child
						13h15-13h25	Discussion	13h15-13h25	Discussion	13h15-13h25	Discussion
13H25 - 14H45		LUNCH / PRODUCT THEATRE				13H30 - 14H30		LUNCH SYMPOSIUM Sponsored by: Acino Healthcare			
14h45-16h15	When should I consider this	14h45-16h15	Individualised management approach	14h45-15h45	Life after ICU discharge	14h45-16h15	Free Papers	14h45-16h15	SASPEN - Fuelling Success: Integrating Nutrition and Exercise	14h45-16h15	ESPEN LLL - Paediatrics 1
14h45-15h00	Electrical Impedence Tomography Caio Morais	14h45-15h00	Should I prescribe continuous antibiotic infusions	14h45-15h00	Post Discharge: Long term sequele of patients and families	14h45-14h55	1	14h45-15h00	What happens to muscle in critical illness?	Sponsored by Fresenius Kabi The modules of this topic summarize the evidence, and provide recommendations for clinical practice regarding the following 4 issues: 1. Cow's milk protein allergy as the commonest food allergy in infants and young children; 2. Intestinal failure, as the most severe form of the chronic GUT disorder is discussed in respect to parenteral and enteral nutrition approach; 3. Current strategies to feed the very low birth weight infant from birth to discharge form the hospital. Focus on early provision of nutritional support in order to achieve optimal growth and development. 4. Many risk factors associated with cardiovascular disease in adulthood are present in children including obesity, hyperlipidaemia, sedentary lifestyle and poor nutrition. Nutritional intervention is the primary approach in the management of dyslipidaemias in children and essential complementary intervention in children needing pharmacotherapy.	
15h00-15h15	In Body Assessment	15h00-15h15	Should I stop SGLT2 inhibitors in ICU?	15h00-15h15	Chronic pain: who, why and how to manage	14h55-15h05	2	15h00-15h15	Protein intake for optimal muscle mass		
15h15-15h30	Indirect calorimetry	15h15-15h30	Should I administer gastric acid prophylaxis	15h15-15h30	How do the elderly fare	15h05-15h15	3	15h15-15h30	The importance of swallowing assessments		
15h30-15h45	Hemoadsorption	15h30-15h45	How I mitigate muscle wasting	15h30-15h45	Discussion	15h15-15h25	4	15h30-15h45	The importance of swallowing assessments		
15h45-16h00	Ketamine	15h45-16h00	When do I prescribe steroids in critical illness	15h45-16h00	Tutorial 3	15h25-15h35	5	15h45-16h00	Why prescription of exercise matters		
				15h35-15h45		6	15h45-16h00	Nutritional Supplementation beyond protein			
						15h45-15h55	7				
16h00-16h15	Discussion	16h00-16h15	Discussion	15h45-16h00	Weaning failure Nicholas Hart	15h55-16h05	8	16h00-16h15	Discussion		
						16h05-16h15	9				

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16h15 - 16h45		REFRESHMENT BREAK / PRODUCT THEATRE							
VENUE 1		VENUE 2		VENUE 3		VENUE 4		VENUE 5	VENUE 6
16h45-17h45	Shaping Critical Care Pathways in SA Shaping Critical Care for SA (CCSSA engaging with key Stakeholders) BHF, Funders, Hospi al groups, HPCSA, CMSA, SAMA, SANC, NDo	16h45-18h00	Traumatic Brain Injury	16h45-18h00	Early physical rehabilitaion	16h45-18h00	Paeds 2	16h45 - 18h00 SASPEN – AGM	16h45 - 18h00 ESPEN LLL - Paediatrics 1 (continued)
		16h45-17h00	Brain Body connection: Extracranial complications	16h45-17h00	TBC	16h45-17h00	Benchmarking performance in a resource limited PICU		
				17h00-17h15	TBC	17h00-17h15	Improving outcomes of children with congenital cardiac defects		
		17h00-17h15	Neuromonitoring in low resource settings Sahar Zafar	17h15-17h30	TBC	17h15-17h30	My approach to COMFORT in PICU		
		17h15-17h30	Do sodium levels matter?	17h30-17h45	TBC	17h30-18h00	Analgo sedation Case-studies and discussion Intikhab Zafurallah		
		17h30-17h45	Discussion	17h45-18h00	Discussion				
CELEBRATION DINNER									

SUNDAY, 25 AUGUST 2024

07h30 – 08h30	REGISTRATION	
08h30-09h45	PLENARY	
08h30-09h45	Ethics: Family Meetings - Audience engagement participation session	
09h45-10h30	REFRESHMENT BREAK / PRODUCT THEATRE	
10h30-10h50	Three papers that caught my attention this year	
10h50-11h20	TBC (ETHICS)	
11h20-11h30	Discussion	
11h30-12h40	CONGRESS WRAP UP	
11h30-12h30	Ethics - Ethical Issues we grapple with: Audience Engagement participation session	Panel: Lauren Sorce & Mark Nicholls
12h30-12h40	CONGRESS CLOSE	