

WFPICCS 2024 - 12th Congress of the World Federation of Pediatric Intensive & Critical Care Societies
CONGRESS SCIENTIFIC PROGRAM
 June 1-5, 2024, Cancun Center, Cancun, Mexico

Cancun (GMT-5)	Duration	HALL 1	HALL 2	HALL 3	HALL 4	HALL 5
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PRE-CONGRESS WORKSHOP DAY SATURDAY, JUNE 1, 2024							
Time Slot	Cancun (GMT-5)	Duration	HALL 1	HALL 2	HALL 3	VIRTUAL HALL 1 (Workshops will be conducted virtually) Times in GMT -5 time zone.	VIRTUAL HALL 2 (Workshops will be conducted virtually) Times in GMT -5 time zone.
08:00 - 10:00		2 hours	TRANSPORT OF THE CRITICALLY ILL CHILD WORKSHOP	CARDIAC INTENSIVE CARE- ALL YOU NEED TO KNOW BUT WERE AFRAID TO ASK	ACUTE NON-INVASIVE VENTILATION WORKSHOP – USING THE ICEMAN ALGORITHM	TRAINING THE TEAM: INTERACTIVE STRATEGIES TO IMPROVE KNOWLEDGE, SKILLS AND ABILITIES	THE SCCM REVIEWER ACADEMY
10:00 - 10:15		15 min	COFFEE BREAK				
10:15 - 12:15		2 hours	Workshop Continue	Workshop Continue	Workshop Continue	Workshop Continue	Workshop Continue
12:15 - 12:45		30 min	LUNCH BREAK				
12:45 - 14:45		2 hours	EXTRACORPOREAL LIFE SUPPORT: FROM A-Z, WHAT YOU SHOULD KNOW WHETHER NOVICE OR EXPERIENCED!	Workshop Continue	Workshop Continue	EARLY MOBILIZATION	MENTAL HEALTH CONSIDERATIONS FOR PEDIATRIC CRITICAL CARE PROVIDERS: A TRAUMA INFORMED APPROACH
14:45 - 15:00		15 min	BREAK				
15:00 - 17:00		2 hours	Workshop Continue	Workshop Continue	Workshop Continue	Workshop Continue	Workshop Continue

PRE-CONGRESS WORKSHOP DAY SUNDAY, JUNE 2, 2024									
Time Slot	Cancun (GMT-5)	Duration	HALL 1	HALL 2	HALL 3	HALL 4	HALL 5	HALL 6	VIRTUAL HALL 1 (Workshops will be conducted virtually) Times in GMT -5 time zone.
08:00 - 10:00		2 hours	ADVANCED AIRWAY WORKSHOP: MANAGEMENT OF THE DIFFICULT AIRWAY IN THE PEDIATRIC ICU	PICU LIBERATION, A NETWORKING WORKSHOP: FEASIBILITY, IMPLEMENTATION, AND EFFICACY IN CHILDREN	NEUROMONITORING WORKSHOP IN PICU 1	GETTING STARTED IN RESEARCH? TOOLS TO TAKE YOU FROM CONCEPT TO COMPLETION IN CLINICAL RESEARCH	POINT-OF-CARE-ULTRASOUND IN THE PEDIATRIC INTENSIVE CARE UNIT (English)	LA Symposium	EMERGENCY AND CRITICAL SERVICES IN LOW- AND MIDDLE-INCOME COUNTRIES-MOVING BEYOND DISEASE PREVENTION
10:00 - 10:15		15 min	COFFEE BREAK						
10:15 - 12:15		2 hours	Workshop Continue	Workshop Continue	Workshop Continue		Workshop Continue	Symposium Continue	Workshop Continue
12:15 - 12:45		30 min	LUNCH BREAK						
12:45 - 14:45		2 hours	MECHANICAL VENTILATION WORKSHOP: OPTIMIZING THE VENTILATORY SUPPORT TO AVOID INJURY	Workshop Continue	NEUROMONITORING WORKSHOP IN PICU 2 (repeat)	PEDIATRIC CARDIAC ARREST POST ROSC CARE	POINT-OF-CARE-ULTRASOUND IN THE PEDIATRIC INTENSIVE CARE UNIT (Spanish)	VENOVENOUS HEMODIAFILTRATION WORKSHOP CONTINUES FOR PEDIATRIC INTENSIVISTS	
14:45 - 15:00		15 min	BREAK						
15:00 - 17:00		2 hours	Workshop Continue	Workshop Continue	Workshop Continue	Workshop Continue	Workshop Continue	Workshop Continue	
17:00 - 17:30		30 min	BREAK						
17:30 - 18:00		30 min	Welcome Session						
18:00 - 18:30		30 min	Plenary 1						
			Reducing health inequalities: Strategies for improving access to quality PICU care Brenda Marrow, South Africa						
18:30 - 19:30		60 min	Welcome Reception						

MONDAY, JUNE 3, 2024						
Cancun (GMT-5)	Duration	HALL 1	HALL 2	HALL 3	HALL 4	HALL 5
08:00 - 08:30	30 min	World Cafe 1 Ask the expert: Overload index: When is diuretic treatment enough? Moderator: Manuel Soriano	World Cafe 2 Ask the Living Legend: Research in pediatric intensive care, successes and gaps Moderator: Joseph Manning	World Cafe 3 Ask the expert: The pearls and pitfalls of neuroprognosis Moderator: Gustavo Costales	World Cafe 4 Ask the expert: Managing neuroprotection after cardiac arrest and TBI Moderator: Vanessa Neaves Ramirez	World Cafe 5 Ask the expert: Resuscitation guidelines - where are we going in policy, practice and research? Moderator: Lorena Acevedo
08:00 - 08:30		Experts: Satoshi Nakagawa, Akash Deep	Experts: Martha A.Q. Curley, Jeffrey Burns	Experts: Michaela Waak, Debbie Long	Experts: Barney Scholefield, Ryan Barbara	Experts: Vinay Nadkarni, Jesus López-Herce
08:30 - 08:40	10 min	Plenaries				
08:40 - 09:50	80 min	Speakers Introduction				
08:40 - 08:50	10 min	Plenary 2				
08:50 - 09:10	20 min	The power of collaboration: Enhancing multidisciplinary teamwork in pediatric intensive care Ayo Ayalink, USA				
09:10 - 09:30	20 min	Plenary 3				
		The role of patients & families in the quality and safety mission: We are ON Debbie Lona, Australia				
09:30 - 09:50	20 min	Plenary 4				
		Conceptualizing post intensive care syndrome in children- The PICS-p framework Joseph Manning, UK				

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09:50 - 10:20	30 min	BREAK				
10:20 - 11:50	90 min	Parallel Session 1 The challenge of building a team	Parallel Session 2 Advancing equity and inclusion in PICU	Parallel Session 3 Impact of critical care on the brain	Parallel Session 4 Low resources PICU	Parallel Session 5 The critical patient outside PICU
10:20 - 10:40	20 min	<i>Do we need competent staff or experts in PICU? The challenge for teams</i> Neil Spenceley, UK	<i>Gender equity and diversity in PICU</i> Janet Mattsson, Norway	<i>Brain and ECMO: optimising long term outcomes</i> Ryan Barbaro, USA	<i>How to implement the ABCDEF bundle in different settings</i> Karen Choong, Canada	<i>Cardiopulmonary resuscitation in children: Where are we and where do we go?</i> Vinay Nadkarni, USA
10:40 - 11:00	20 min	<i>Physical and occupational therapy utilization in a pediatric intensive care unit</i> Adriano Conrado Rodrigues, USA	<i>Role of global collaborations for research & QI</i> Sebastian Gonzalez, Uruguay	<i>Is it possible to avoid delirium?</i> Roberta Esteves de Castro, Brazil	<i>Breaking barriers in pediatric respiratory care: A global perspective</i> Brenda Morrow, South Africa	<i>Multiple angles around critical deterioration/PEWS</i> Gerri Sefton, UK
11:00 - 11:20	20 min	<i>Promoting resilience through family-centered care: Leveraging resources for holistic support</i> Rujipat Samransamruakkit, Thailand	<i>Parental decision-making in the PICU</i> Sharon Irving, USA	<i>Decisions and adequacy of the therapeutic effort in the ICU</i> Jeffrey Burns, USA	<i>Training in pediatric trauma in resource-limited countries</i> Luis Augusto Moya Barquin, Guatemala	<i>Heart - Kidney Interaction: strategic negotiation in critical periods</i> Juan Carlos Ilesias Castillo, Mexico
11:20 - 11:50	30 min	Discussion	Discussion	Discussion	Discussion	Discussion
11:50 - 12:30	40 min	Oral Presentations 1	Oral Presentations 2	Oral Presentations 3	Oral Presentations 4	Oral Presentations 5
11:50 - 12:00	10 min	<i>The first pediatric emergency and critical care fellowship in sub-saharan africa – outputs and lessons learned after four years,</i> Mukokinya Kallema, Kenya	<i>Relationship between use of inodilators and changes in microvascular flow and endothelium in children with sepsis,</i> Jalme Fernandez, Colombia	<i>Clinical characteristics and evolution of pediatric stroke,</i> Jesus Lopez-Herce, Spain	<i>Estimate of pediatric acute critical illness across resource-limited settings: the global paediatric acute critical illness point prevalence study,</i> Teresa Korts, US	<i>Development of heart and respiratory rate percentile curves for hospitalised children in the united kingdom (the detect study),</i> Abbey Bracken, UK
12:00 - 12:10	10 min	<i>Insights into pediatric mechanical ventilation simulation training: a data-driven analysis of learning patterns and behaviors of residents,</i> Lisa Schütze, US	<i>Multicenter variability in fluid management after neonatal cardiac surgery and associations of early diuresis with outcomes,</i> Nicole Stegmeier, US	<i>Blood-based neurologic biomarkers in pediatric cerebral malaria,</i> Madiha Q. Raees, US	<i>"I wish we reported earlier": a qualitative study exploring barriers to seeking healthcare and implementing the sepsis bundle in pediatric patients in a resource-limited country,</i> Vanessa Denny, US	<i>No effect of high-dose vs. standard-dose systemic corticosteroids on length of stay (LOS) in critically ill children with status asthmaticus (SA),</i> Sunit Misra, US
12:10 - 12:20	10 min	<i>A decision-making grid for multiple clinical trials,</i> Laura Beth Kalvas, US	<i>Echocardiographic phenotypes in sepsis and multiple organ dysfunction,</i> Stella Barbagelato, Chile	<i>Neurodevelopment and quality of life in infants one year after open heart surgery for congenital heart defect: a rct of nitric oxide via cardiopulmonary bypass,</i> Debbie Long, Australia	<i>Hemoperfusion and hemodiafiltration in critically ill pediatric patients with multiple organ dysfunction in a limited resource setting</i> Sergio Valle, El Salvador	
12:20 - 12:30	10 min				<i>Role of lung ultrasound in bronchiolitis patients treated with high-flow nasal cannula,</i> Farah Thabet, Tunisia	
12:30 - 13:40	70 min	Lunch Break & Industry Sessions (45 min) & Poster Viewing				
13:40 - 15:10	90 min	Parallel Session 6 Problems affecting PICU daily work	Parallel Session 7 Daily goals setting in the PICU	Parallel Session 8 The critical patient in ED	Parallel Session 9 Survive and thrive through the PICU	Parallel Session 10 Daily bedside decisions
13:40 - 14:00	20 min	<i>Simulation to solve problems effecting PICU daily work</i> Carlos Roman, Mexico	<i>Metabolic and nutrient alterations in the critically ill patient</i> Jacinta Winderlich, Australia	<i>Multiple electrolyte solution vs normal saline for fluid resuscitation</i> Jayashree Muralidharan, India	<i>A core outcome set for pediatric critical care</i> Ericka Fink, USA	<i>Neuromonitoring in acute injury</i> Michaela Waak, Australia
14:00 - 14:20	20 min	<i>PICU metrics vs PICU reality: How we can achieve standards in our unit?</i> Luis Pedraza, Uruguay	<i>Supporting the diverse needs of families in the PICU/CICU: what is comprehensive care in 2024</i> Daniel Garros, Canada	<i>Emergency and critical care without walls: global goals</i> Hans Jörg Lang, Senegal	<i>Post-ICU syndrome: Rescuing the undiagnosed</i> Joseph Manning, UK	<i>Acute kidney injury (AKI): from perfusion optimization to replacement therapy</i> Akash Deep, UK
14:20 - 14:40	20 min	<i>The medically complex patient</i> Silvia Torres, Argentina	<i>PICU's outcomes from different resources. How to fill the gap?</i> Satoshi Nakagawa, Japan	<i>Severe acute asthma exacerbations in emergency department. New horizons</i> Ricardo Iramain, Paraguay	<i>Strategies for surviving and thriving as parents in the PICU</i> Florencia Krall, Uruguay	<i>Leveraging resources for optimal patient care for children with cardiac disease in LMIC: The IQIC experience</i> Kathy Jenkins, USA
14:40 - 15:10	30 min	Discussion	Discussion	Discussion	Discussion	Discussion
15:10 - 15:30	20 min	Coffee Break				
15:30 - 16:00	30 min	Cases 1	Cases 2	Cases 3	Cases 4	Cases 5
15:30 - 15:45	15 min	<i>Prolonged picu admission, challenges in diagnosis and treatment in a child with hyper igm syndrome in a tertiary hospital in tanzania: a case report,</i> Aika Abia Shao, Tanzania	<i>Awake veno-venous extracorporeal life support in a pediatric patient: use of picustars liberation bundle to achieve early mobility,</i> Alexandra Ferguson, Australia		<i>An unlikely storm: a multi-disciplinary approach to cytokine storm and acute heart failure in an adolescent with coxsackie virus,</i> Elena Insley, US	<i>Early cardiac catheterization during extracorporeal membrane oxygenation after congenital cardiac surgery,</i> Silvia Torres, Argentina
15:45 - 16:00	15 min	<i>Pyroglutamic acid: an unusual cause of pediatric anion gap acidosis,</i> Jillian Olsen, US	<i>Extracorporeal cardiopulmonary resuscitation for pediatric massive pulmonary embolism with crohn's disease,</i> Tadahito Kato, Japan	<i>Pulmonary arteriovenous malformation in a child with multiple brain abscesses: a case report,</i> Sbekelelo Hlophe, South Africa	<i>Successful subdural empyema evacuation in a pediatric patient on veno-venous extracorporeal membrane oxygenation,</i> Manasa Kanukurthy, US	<i>Virtually guided echocardiography to refine cardiac care in limited resource settings: a case discussion,</i> Alexia Santos, US
16:00 - 16:05	5 min	Break				
16:05 - 16:25	20 min	Plenary 5 <i>New horizons in pediatric ARDS: Translating research into practice</i> Robinder Khemani, USA				

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TUESDAY, JUNE 4, 2024						
MONDAY, JUNE 3, 2024	Duration	HALL 1	HALL 2	HALL 3	HALL 4	HALL 5
08:00 - 08:30	30 min	World Cafe 6 <i>Ask the expert: Do we define chronic critical illness in children, or I know it when I see it?</i> Moderator: Silvia Torres, Alexandra Ferguson	World Cafe 7 <i>Ask the expert: HFC: pros and cons in acute bronchiolitis</i> Moderator: Brenda Morrow, Sheila Yadira Gómez Murillo	World Cafe 8 <i>Ask the expert: Managing ventilation in PARDS</i> Moderator: Yolanda Lopez Fernandez	World Cafe 9 <i>Ask the expert: How to provide optimal nutrition to critically unwell children in the PICU?</i> Moderator: Juan Carlos Iglesias Castillo	World Cafe 10 <i>Ask the expert: Managing delirium in the PICU</i> Moderator: Joseph Manning, Vanessa S Lanzlotti, Julia Acuña Appleyard
08:00 - 08:30	30 min	Experts: Lauren Sorce, Jimena del Castillo	Experts: Daniel Garros, Alberto Medina	Experts: Martin Kneyber, Robinder Khemani	Santiago Campos, Jacinta Winderlich	Experts: Debbie Long, Chani Traube
08:30 - 08:40	10 min	BREAK				
08:40 - 09:50	80 min	Plenaries				
08:40 - 08:50	10 min	Speakers Introduction				
08:50 - 09:10	20 min	Plenary 6				
		<i>Fluids in pediatric sepsis - what is the fuss? Restricted, liberal or cautious?</i> J Fernandez Sarmiento, Colombia				
09:10 - 09:30	20 min	Plenary 7				
		<i>Innovations in pediatric renal patient management: Harnessing research and technological resources</i> Mignon McCulloch, South Africa				
09:30 - 09:50	20 min	Plenary 8				
		<i>Pediatric cardiac intensive care: Reflections and lessons through the decades</i> Lara Shekerdemian, USA				
09:50 - 10:20	30 min	BREAK				
10:20 - 11:50	90 min	Parallel Session 11	Parallel Session 12	Parallel Session 13	Parallel Session 14	Parallel Session 15
		Heart - lung - brain - kidney cross talk	Global problems	Mechanical ventilation: p-SILI or VILI?	Post resuscitated patient in different contexts	ECMO Opportunities, controversies, and challenges
10:20 - 10:40	20 min	<i>Heart-Lung interactions in the ICU. When should we extubate?</i> Lara Shekerdemian, USA	<i>Multidisciplinary ICU care to optimize outcomes for children undergoing cardiac surgery</i> Patricia Bastero, USA	<i>A physiological approach to understand the role of respiratory effort in the progression of lung injury</i> Pablo Cruces, Chile	<i>New definitions for brain death</i> Jesus López-Herce, Spain	<i>Post-resuscitation care after ECMO to support CPR - what is important?</i> Ravi Thiagarajan, USA
10:40 - 11:00	20 min	<i>Interaction between heart, lung, brain and kidney</i> Pierre Tissieres, France	<i>Global clinical challenges in pediatric ventilation liberation</i> Robinder Khemani, USA	<i>NIV and HFNC as a first line of management of respiratory management of respiratory failure in pediatrics</i> Alberto Medina, Spain & Alexandre Ratto, USA	<i>Supporting neuro-developmental outcomes post resuscitation</i> Debbie Long, Australia	<i>Anticoagulation challenges in ECMO</i> Rene Gomez, Mexico & Heidi Dalton, USA
11:00 - 11:20	20 min	<i>Indications for KRT in acute renal failure in the ICU</i> Stuart Goldstein, USA	<i>Protecting children in disasters</i> Manu Sundaram, Qatar	<i>Should we let our patient spontaneously breathe?</i> Rodrigo Sebastian Adasme Jeria, Chile	<i>Quality of life in post pediatric cardiopulmonary resuscitation</i> Jimena del Castillo, Spain	<i>Early rehabilitation and mobilisation on ECMO: Friend or enemy?</i> Emma Shkurko, UK
11:20 - 11:50	30 min	Discussion	Discussion	Discussion	Discussion	Discussion
11:50 - 12:30	40 min	Oral Presentations 6	Oral Presentations 7	Oral Presentations 8	Oral Presentations 9	Oral Presentations 10
11:50 - 12:00	10 min	<i>Validation and applicability of the phoenix sepsis score in low-resource settings,</i> Raul Rafael Copana Olmos, Bolivia	<i>NICU to PICU transfers in the united states: a survey of critical care physicians,</i> Phillip D. Cohen, US	<i>Pediatric non-invasive respiratory support failure: risk factors & outcomes in Latin America,</i> Monica Decia, Colombia	<i>Long-term outcomes and quality of life in cdh survivors treated with extracorporeal life support: a cross-sectional survey,</i> Adrian Matthe, Australia	<i>Pediatric extracorporeal membrane oxygenation anticoagulation collaborative (PEACE) consensus conference,</i> Peta Alexander, US
12:00 - 12:10	10 min	<i>Diagnostic value of red blood cell distribution width (rdw) in detecting mortality among critically ill pediatric patient with sepsis: a meta-analysis,</i> Josselle Caliente, Philippines	<i>Socioeconomic deprivation and pediatric intensive care unit (PICU) admission and outcomes in Alberta,</i> Laurie A. Lee, Canada	<i>Rapid weaning protocol for high-flow nasal cannula in pediatric intensive care: impact on support times,</i> Pablo Vasquez Hoyos, Colombia	<i>Utilizing SPO2/FiO2 to predict need for escalation of respiratory support and length of stay in the pediatric intensive care unit,</i> Jessica Serventi-Gleeson, US	<i>A single centre experience on extracorporeal cardiopulmonary resuscitation (ECP) in Queensland,</i> Michelle Siu Yee Low, Australia
12:10 - 12:20	10 min	<i>Association between the lactate-albumin ratio and changes in microcirculation in pediatric septic patients,</i> Maria Camila Perez, Colombia	<i>Characterization of Canadian picu infrastructure design and renovations: a national cross-sectional study,</i> Taneille Johnson, Canada	<i>Protective mechanisms of cpap on lungs and diaphragm in experimental patient self-inflicted lung injury,</i> Pablo Cruces, Chile	<i>Improving outcomes for critically ill pediatric cancer patients in argentina using proactive as a quality tool,</i> Silvia Torres, Argentina	<i>Critical hematology oncology referral pathway for extracorporeal membrane oxygenation (CHORPE): Improving access and outcomes,</i> Hitesh Sandhu, US
12:20 - 12:30	10 min		<i>Comparison of 7 days vs 14 days course of intravenous antibiotics for treatment of uncomplicated neonatal bacterial sepsis: a randomized controlled non-inferiority trial,</i> Atul Jindal, India	<i>Nasal high-flow oxygen during pediatric emergency endotracheal intubation - a randomized trial,</i> Shane George, Australia		<i>Lung-protective vs ultra-lung-protective ventilation in children with ECMO support,</i> Lorena Acevedo, Colombia
12:30 - 13:40	70 min		12:45 - 13:35 Mindfulness Session Rahul Joshi, Australia	Lunch Break & Industry Sessions (45 min) & Poster Viewing	12:50 - 13:35 Industry Sponsored Session	
13:40 - 15:10	90 min	Parallel Session 16	Parallel Session 17	Parallel Session 18	Parallel Session 19	Parallel Session 20
		Sepsis definition	Less is more	The unstable PICU patient	The acute PICU patient	Applying physiology to practice
13:40 - 14:00	20 min	<i>Paediatric sepsis criteria – on historical perspective</i> Lauren Sorce, USA	<i>Mechanical power and its use in the paediatric critical care setting</i> Martin Kneyber, Netherlands	<i>Hemodynamic monitoring of the critically ill pediatric patient: a global perspective</i> Suchitra Ranjit, India	<i>POCUS blood volume and fluid overload</i> Saul Flores, USA	<i>Oxygen in the PICU- how much is too much?</i> Mark Peters, UK
14:00 - 14:20	20 min	<i>The new sepsis definition</i> Daniela de Souza, Brazil	<i>Precision medicine in fluid resuscitation, is the way?</i> Jaime Fernández, Colombia	<i>Hemorrhage control, hemodynamic and hemostatic resuscitation in polytraumatized patients</i> Philip C Spinello, USA	<i>Advancing clinical decision-making: Machine learning applications in the PICU</i> Neel Shah, USA	<i>Albumin in burn shock resuscitation - yes or no?</i> W Brunow de Carvalho, Brazil
14:20 - 14:40	20 min	<i>Sepsis definition into practice: Think globally, act locally</i> Andrew Argent, South Africa	<i>Having hugs instead of drugs for sedation. Non pharmacological management</i> Anne-Sylvie Ramelet, Switzerland	<i>Priorities for research and practice in the transport of critically ill</i> Arun Bansal, India	<i>Early mobilization in LMIC countries: recommendations adjusted to reality</i> Cintia Johnston, Brazil	<i>Current debates on PICU anticoagulation</i> Marianne Nellis, USA
14:40 - 15:10	30 min	Discussion	Discussion	Discussion	Discussion	Discussion

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15:10 - 15:30	20 min			Coffee Break		
15:30 - 16:00	30 min	Cases 6	Cases 7	Cases 8	Cases 9	Cases 10
15:30 - 15:45	15 min	Empyema necessitatis caused by prevotella melaninogenica and dialister pneumosintes resolved with the vac system: case report. <i>Sandra Tania Ventura Gómez, Mexico</i>	Novel complete endovascular approach for first stage management of high surgical risk patients with hypoplastic left heart syndrome: first latin american experience. <i>Keyla Meneses Silvera, Colombia</i>	Refractory hyperlactatemia despite extracorporeal membrane oxygenation (ecmo) in a pediatric patient with intestinal failure – think about thiamine deficiency! <i>Paige Burgess, Canada</i>	Clippers syndrome: an emerging diagnostic challenge. <i>Camila Ariza, Colombia</i>	Extra-pontine myelinolysis in a child with inadvertent rapid correction of chronic hyponatremia: effective treatment and full recovery with high dose methylprednisolone and immunoglobulin. <i>Bedangshu Salkia, UK</i>
15:45 - 16:00	15 min	Severe necrotizing pneumonia and pai-1 polymorphism: unravelling the relationship and implications. <i>Cassiano Goulart, Brazil</i>	Marathon unveils a pathogenic lqt1-causing variant managed by cardiac sympathetic denervation in teenager. <i>Ruchi Sahota, US</i>	Effective use of pegaso® a-cough perc in the intubated child. <i>Alexandra Ferguson, Australia</i>	Abdominal aortic doppler, a key assessment missing in the current paediatric cardiac point of care ultrasound protocol: a case report. <i>Taranj Wadia, UK</i>	Complex cardiac arrhythmia management in the icu for an adolescent with friedreich's ataxia: a case report. <i>Oluwatamini Fashina, US</i>
16:00 - 16:05	5 min			Break		
16:05 - 16:25	20 min	Plenary 9				
		Reflections on clinical research in pediatric critical care – priorities going forward <i>Martha A.Q. Curley, USA</i>				

WEDNESDAY, JUNE 5, 2024						
TUESDAY, JUNE 4, 2024	Duration	HALL 1	HALL 2	HALL 3	HALL 4	HALL 5
		World Cafe 11	World Cafe 12	World Cafe 13	World Cafe 14	World Cafe 15
08:00 - 08:30	30 min	Ask the expert: Early mobilization in intubated patient? Let's take the patient out of bed Moderator: Sebastian Godoy	Ask the expert: Difficult to sedate - what to do? Moderator: Analía Fernandez	Ask the expert: How do I manage Non Invasive Ventilation and P-SiL? Moderator: Cintia Johnston	Ask the expert: Can I use ChatGPT in PICU? Moderator: Sebastian Gonzalez	Ask the expert: Transfusion medicine in the PICU Moderator: Patricia Bastero
08:00 - 08:30	30 min	Experts: Sapna Kudchnadkar, Karen Chaong	Experts: Anne-Sylvie Romelet, Santiago Mencia	Experts: Pablo Cruces, Yolanda M Lopez Fernandez	Experts: Philippe Jouve, Jackie Ong	Experts: Philip C Spinella, Marianne E Nellis
08:30 - 08:40	10 min			BREAK		
08:40 - 09:50	80 min	Plenaries				
08:40 - 08:50	10 min	Speakers Introduction				
08:50 - 09:10	20 min	Plenary 10				
		Future horizons: Exploring the potential of artificial intelligence in pediatric ICU settings <i>Nelson Sanchez Pinto, USA</i>				
09:10 - 09:30	20 min	Plenary 11				
		Progress in pediatric critical care in the Latin America <i>Werther Brunow de Carvalho, Brazil</i>				
09:30 - 09:50	20 min	Plenary 12				
		Enhancing access to essential pediatric critical care in low-resource contexts through climate-resilient health facilities <i>Hans-Jörg Lang, Senegal</i>				
09:50 - 10:20	30 min			BREAK		
10:20 - 11:50	90 min	Parallel Session 21	Parallel Session 22	Parallel Session 23	Parallel Session 24	Parallel Session 25
		Intelligent PICU	Climate resilient health facilities and improvement of access to essential paediatric emergency and critical care in low-resource contexts	Individualizing the care	Patient comfort	Lessons from the past
			Chair: Hans Jörg Lang			
10:20 - 10:40	20 min	Pediatric critical care unleashed: Navigating advancements and collaboration through social media <i>Jackie Ong, Singapore</i>	Essential paediatric critical care – implementation and training in a large paediatric hospital in Freetown (Sierra Leone). Urban scenario – unreliable electricity grid <i>Nellie Bell, Sierra Leone</i>	Individualized and contextualized approach to pediatric critical care patient <i>Lauren Sorce, USA</i>	Analgesedation for pediatric procedures <i>Sapna Kudchnadkar, USA</i>	Family presence in the PICU - lessons learned from the COVID 19 restricted visitation policies <i>Laurie Lee, Canada</i>
10:40 - 11:00	20 min	Clinical trials in low and middle income countries <i>Sebastian Gonzalez, Uruguay</i>	Essential paediatric critical care – climate health, insights and solutions from the MDT <i>Michael Pienaar, South Africa</i>	Optimizing individualised developmental care <i>Alexandra Ferguson, Australia</i>	Palliative care in the ICU: What is the role of the pharmacist? <i>Ana Cristina Dos Santos Machado, Brazil</i>	Treatment-related mortality for haem-onc paediatric patients in low and middle income countries <i>Asya Aquilnik, USA</i>
11:00 - 11:20	20 min	Use of generative AI in pediatric critical care <i>Philippe Jouve, Canada</i>	Engineering solution attempts: renewable energy solution for health facilities, responding to requirement of essential paediatric critical care <i>Walter Commerell, Germany</i>	When is it valid to start neuroprognosis in TBI? <i>Barney Scholefield, Canada</i>	Developmental care as a mitigator to PICU-acquired brain injury <i>Gustavo Costales, Argentina</i>	Staff wellbeing <i>Gillian Colville, UK</i>
11:20 - 11:50	30 min	Discussion	Discussion	Discussion	Discussion	Discussion

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June 1-5, 2024, Cancun Center, Cancun, Mexico

Cancun (GMT-5)	Duration	HALL 1	HALL 2	HALL 3	HALL 4	HALL 5
11:50 - 12:30	40 min	Oral Presentations 11	Oral Presentations 12	Oral Presentations 13	Oral Presentations 14	Oral Presentations 15
11:50 - 12:00	10 min	Impala project: revolutionizing pediatric critical care in low-resource settings with predictive monitoring, Job Calis, Netherlands	Lesotho national oxygen dashboard for real-time monitoring and forecasting of hospital oxygen supply and demand, Nicole Shikofski, US	Automatic recruitment maneuvers detection in mechanically ventilated pediatric patient, Francis Olivier Beauchamp, Canada	Unplanned inpatient transfers to the pediatric intensive care unit: a qualitative descriptive study of parental experiences, Molly Ryan, Canada	Pediatric acute respiratory failure in severe Covid-19: drive pressure is associated with mortality, Emmerson CF de Farias, Brazil
12:00 - 12:10	10 min	Impala project: comparing and improving existing risk score for pediatric critical care monitoring, Job Calis, Netherlands	Predictors of deterioration in children admitted to the high dependency unit (Hdu) in 2 hospitals in Malawi with machine learning, William Nkhono, Netherlands	MTHFR gene polymorphism induce endothelial-macrophage hyperinflammation syndrome and thrombosis in children with Sars-Cov 2: case series and literature review, Cristina Mangia, Brazil	Sleep disruption and pediatric delirium in the restore resilience clinical trial, Laura Beth Kalvas, US	The post-pandemic rsv surge: trends in pediatric hospitalizations and respiratory support modalities, Melody Duvall, US
12:10 - 12:20	10 min	The impact of a proactive care transition using technology in a low resource setting: the experience of St Luke's hospital in Malawi, Africa, Margon Rakers, Netherlands		Factors associated with early death provides insights into patient selection for extracorporeal life support, Sam Hickey, US	Sound levels and anxiety scores in critically ill children: a case series, Karin Reuter-Rize, US	Comparative analysis of severe adenovirus and respiratory syncytial virus infections in pediatric patients with acute respiratory failure in Latin America, Sebastián González-Dambroukas, Colombia
12:20 - 12:30	10 min	Command center in a pediatric cardiac intensive care unit. A novel strategy to prevent cardiac arrest? Alejandra Lopez Magallon, US		Risk factors for dialysis dependence in critically ill children requiring continuous kidney replacement therapy for acute kidney injury, Yasuke Tokuda, Japan	An electroencephalography-based sleep index and supervised machine learning as a suitable tool for automated sleep classification in children, Eris van Twist, Netherlands	Role of intravenous dexamethasone in prevention of post-extubation airway obstruction in mechanically ventilated children in pediatric intensive care unit: a double-blind randomized controlled trial, Atul Jindal, India
12:30 - 13:40	70 min	Lunch Break & Industry Sessions (45 min) & Poster Viewing				
13:40 - 15:10	90 min	Parallel Session 26	Parallel Session 27	Parallel Session 28	Parallel Session 29	Parallel Session 30
		Restoring organ function	Going to the future	Going through the storm	Developing PICU's future workforce	PICU's collaboration
13:40 - 14:00	20 min	The role of CRRT/plasmapheresis in acute liver failure Paloma Dorao, Spain	Drug dosing in PICU: One size does not fit all Michele Cree, Australia	Activation - integration - collaboration: Families as partners in the team Fenella Gill, Australia	Developing the blueprint in pediatric intensive training in americas Analia Fernandez, Argentina	Facing the death of a patient in PICU Asleigh Butler, Australia
14:00 - 14:20	20 min	Early RRT in patients with renal failure pro vs. Con Xavier Flores, USA & Manuel Enrique Soriano Aguilar, Mexico	Challenges with post-operative care and discharge planning of children with single ventricle CHD in the ICU and beyond Sandra Staveski, USA	Family - professional conflict in the PICU: when things go really wrong Santiago Mencia, Spain	Clinical simulation as a tool for multi-disciplinary education Orsola Gawronski, Italy	Working with families to ensure best interest of the child-conflict Susan Khanna, Australia
14:20 - 14:40	20 min	Pediatric pre- and post-transplant rehabilitation - considerations and implementation Emma Shkurka, UK	The role of technology to improve transport of critically ill children Padmanabhan Ramnarayan, UK	Safety begins with teamwork Lorena Acevedo, Colombia	Next PICU generations: Is the quality of personal life more important than the quality of training and education? Derek S. Wheeler, USA	Deconditioning in the PICU: the role of the bedside nurse Mallory Perry-Eaddy, USA
14:40 - 15:10	30 min	Discussion	Discussion	Discussion	Discussion	Discussion
15:10 - 15:30	20 min	Coffee Break				
15:30 - 15:50	20 min	Closing ceremony				
15:50 - 16:10	20 min	Plenary 13				
		Omics in PICU: How can we "Split" after we "Lump" Heidi Flori, USA				
16:10 - 16:25	15 min	Handover ceremony				