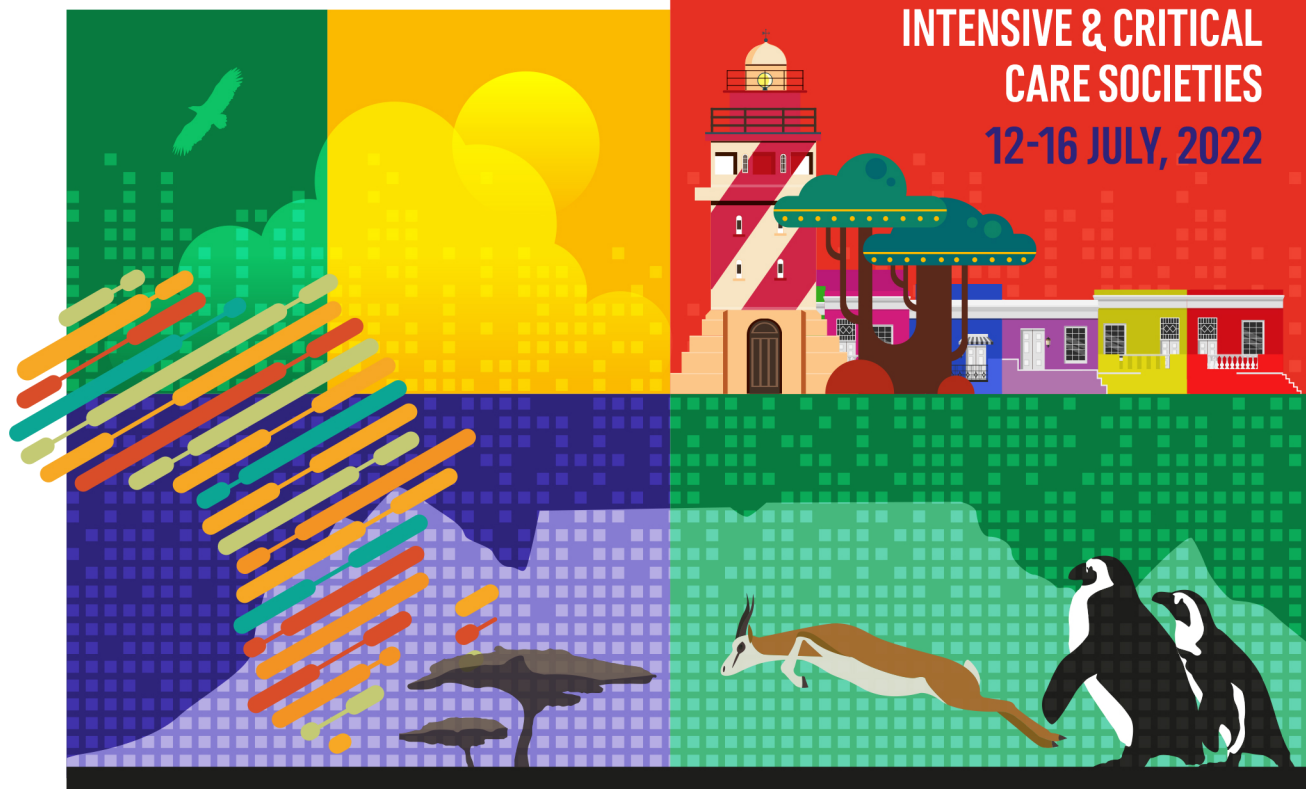


**11TH CONGRESS OF
THE WORLD FEDERATION
OF PEDIATRIC
INTENSIVE & CRITICAL
CARE SOCIETIES
12-16 JULY, 2022**



CAPE TOWN GOES VIRTUAL

FINAL PROGRAMME E-BOOK

wfpiccs.org/wfpiccs-2022

Presented by:

Congress Organizer:



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WELCOME MESSAGE

Dear Colleagues and Friends in Paediatric Critical Care,

From Cape Town, South Africa, to the World, it is our great pleasure to welcome you at the 11th World Congress of the World Federation of Pediatric Intensive & Critical Care Societies (WFPICCS).



Visit Cape Town and history is never far from your grasp. It lingers in the air, a scent on the breeze, an explanation of circumstance that shaped the Rainbow People.

Tahir Shah

The local scientific and organising committees are delighted to have the opportunity to collaborate with WFPICCS in planning an unforgettable virtual congress based in Cape Town – the Gateway to Africa!

With a unique African flavour, the Congress is tailored to the entire interprofessional WFPICCS community of physicians, nurses, scientists, and allied health professionals, providing a platform to advance professional knowledge, enhance skills, share experience and network with colleagues and friends from around the world. Together we aim towards improving paediatric critical care across the globe, so that every child has the best chance of survival and quality of life following critical illness or injury. In particular, we hope that this congress will provide the necessary impetus to advocate for improved paediatric critical and intensive care services across Africa, for which there is a pressing need.

The over-arching theme of the Congress is “Ubuntu” – an Inguni term roughly translated as “I am because we are” – it speaks to the belief that we are defined by our compassion and kindness toward others. In this spirit, we had to make the difficult decision to once again hold the event virtually to enable delegates from across the world to attend and benefit from the excellent programme, without personal risk and at considerably reduced financial and environmental cost.

WFPICCS 2022 delivers a high-quality scientific programme, sharing the latest developments in paediatric intensive and critical care across the spectrum from basic science to the bedside and beyond to global health challenges and opportunities. As always, the programme includes daily plenary sessions, pre-congress workshops and “round-table” discussions with opportunities to meet (using state of the art virtual technology) and discuss specific and diverse topics with experts in the field, from a range of professional and sociogeographic backgrounds across the world. There is scope for emerging researchers to share their work and generate discussion and critical review.

In addition to the stimulating academic programme, we have a live online concert to give delegates an opportunity to enjoy, chat & video conference opportunities to get to know one another better, and virtual tours created particularly for WFPICCS 2022 delegates to experience a virtual taste of Cape Town known as the “Mother City” nestled between the ocean and the iconic Table Mountain at the Southern tip of Africa. This is an exciting opportunity not to be missed!

wamkelekile/ welkom/ le amogesegele/ a le aomgela/ amohela/ mauya/ nemukelekile/ siyalemukela:

WELCOME TO SOUTH AFRICA!

Return to old watering holes for more than water; friends and dreams are there to meet you.

– African Proverb

Co-Chairs of Local Organising and Local Scientific Committees

Brenda Morrow

Andrew Argent

International Scientific Committee Chairs: Lauren Sorce, Intikhab Zafurallah and Sarah Wright

Local Scientific and Organising Committees' Chairs: Andrew Argent and Brenda Morrow



WFPICCS BOARD & COMMITTEES

WFPICCS BOARD OF DIRECTORS

Satoshi Nakagawa, President
Brenda Morrow, President-elect
Anne-Marie Brown, VP – Nursing
Jeffrey Burns, Secretary
Natalie Duns, Treasurer
Stephen Jacobe, Immediate Past President

Africa & Middle East

Brenda Morrow
John Adabie Appiah
Suiyven Elvis Dzelamunyuy

Asia

Satoshi Nakagawa
Poh Pei Fen
Suchitra Ranjit
Jan Hau Lee

Europe

Simon Nadel
Intikhab Zafurallah
Lyvonne Tume

Latin America

Cintia Johnston
Carlos Acuña
Ricardo Iramain

North America

Anne-Marie Brown
Nick Ettinger
Jeffrey Burns
Sandra Staveski

Oceania

Mark Woodard
Natalie Duns

LOCAL ORGANISING COMMITTEE

Brenda Morrow, South Africa, Co-Chair Nursing/Allied
Andrew Argent, South Africa, Co-Chair Medical
Mignon McCulloch, South Africa
Heide Kunzmann, South Africa
Ilse Appel, South Africa
Shivani Singh, South Africa
Charlyne Kilba, Ghana
Asma Salloo, South Africa
Marti Wege, South Africa
Satoshi Nakagawa, Japan
Stephen Jacobe, Australia
Ann-Marie Brown, United States
Natalie Duns, Australia
Jeffrey Burns, United States

LOCAL SCIENTIFIC COMMITTEE

Brenda Morrow, South Africa, Co-Chair Nursing/Allied
Andrew Argent, South Africa, Co-Chair Medical
Mignon McCulloch, South Africa
Shamuel Salie, South Africa
Clare Davis, South Africa
Kuban Naidoo, South Africa
Minette Coetzee, South Africa
Prakash Jeena, South Africa
Susan Murphy, South Africa
Lincoln Solomon, South Africa
Kaizer Fitswanga, Kenya
John Appiah, Ghana
Alison Lupton-Smith, South Africa
Shannon Cawood, South Africa
Hans-Joerg Lang, Germany
Beyra Rossouw, Australia
Claire Procter, South Africa

INTERNATIONAL SCIENTIFIC COMMITTEE

Intikhab Zafurallah, United Kingdom, Co-Chair Medical
Lauren Sorce, United States, Co-Chair Nursing
Sarah Wright, Australia, Co-Chair AHP
Satoshi Nakagawa, Japan
Stephen Jacobe, Australia
Ann-Marie Brown, United States
Brenda Morrow, South Africa
Jeffrey Burns, United States
Chinmay Joshi, United Kingdom
Rishi Ganesan, Canada
Ali Ferguson, Australia
Vanessa Soares Lanziotti, Brazil
Maureen Madden, United States
Louise Kelly, United Kingdom
Fenny Shidhika, Namibia
Martha Curley, United States
Mavilde LG Pedreira, Brazil
Jacqueline (Jackie) Ong, Singapore
Miguel Rodriguez-Rubio, Spain
Arun Bansal, India
Alex Hussey, New Zealand



VIRTUAL CONGRESS EXPERIENCE

Virtual Platform

The virtual platform is created solely for the use of registered participants of the congress. It can be reached through the congress website or the below links, with the username and passwords provided to the registered participants. Majority of the sessions are live sessions with some recorded presentations in order to increase the interactivity. All sessions can be viewed at the time they are being held, and the majority of the sessions (except the ones with breakout rooms) can be viewed any time after the original time slot of the session. In order to increase engagement, we have additional features such as two-way communication possibility in a number of sessions, networking features such as public and private chats, video call opportunities between participants, etc...

Link to virtual platform:

<https://virtualcongress.kenes.com/wfpiccs22/virtual-login/>

To access the platform, you'll be required to use the credentials that are sent you prior to the congress.

The platform, together with all scientific content will be available for a 3-month period after the congress, until October 17, 2022.

Some of the features and functions of the virtual platform are as follows:

- Live & recorded sessions / presentations
- Live Q&A to increase engagement with speakers / presenters
- Possibility to continue discussion after each session through the public chat channels
- Discussion sessions with two-way communication to boost interactivity
- Real-time, simultaneous interpretation to 20+ languages – option to listen to live translated audio or read live translated captions, powered by AI technology
- E-posters with the possibility of video presentations
- Post-congress viewing of all scientific content
- Public and private chat groups with the possibility of audio/video calls
- Direct messaging between participants
- Gamifications to engage participants
- Virtual tours created solely for the WFPICCS 2022 participants
- Twitter wall displaying our hashtag [#WFPICCS22](#)
- World map/interactive list of participants to recognize diversity amongst the audience

Further details & tips about the virtual platform is explained on the congress website. Please click [HERE](#) to learn how to use the virtual platform.

**WFPICCS 2022 IS WELCOMING THE PARTICIPANTS WITH A LIVE ONLINE CONCERT OF
A SOUTH AFRICAN MUSIC BAND "THE PEBBLE SHAKERS"**

Date | Time | Hall:

July 13, 2022 | 18:00 | Hall 1 (During the Welcome Session)



GENERAL INFORMATION

Congress Website

<https://wfpiccs.org/wfpiccs-2022>

Language

The official language of the congress is English. AI based translation services available – [learn more](#).

Time Zone

The time zone of the congress is **South African time zone**, which is 2 hours ahead of Greenwich Mean Time (GMT+2). Any time details shown on the congress programme are given according to this time zone.

Certificate of Attendance

A post-congress survey will be sent to all participants after the congress via e-mail. After filling out and submitting this survey, participants will be able to download their certificates of attendance as PDF documents.

Abstract Publication

The accepted and presented abstracts of the congress will be published online in the PCCM Journal Congress Supplement. The publication will be ready by Autumn 2022.

"Explore Cape Town & PICU Clinics" Booth

One of the booths in the Exhibition Hall has been dedicated to the videos from Cape Town, South Africa and Africa. In this booth you will be able to find:

- 3 virtual tours in Cape Town that have been created specifically for WFPICCS participants (Cape Town City Tour | Table Mountain | Kirstenbosch Gardens)
- 4 videos from Cape Town and South Africa tourism offices
- A few videos from PICU Clinics in Africa
 - Red Cross War Memorial Children's Hospital, Cape Town, South Africa
 - Chris Hani Baragwanath Academic Hospital, Johannesburg, South Africa

Latin American Symposium

Latin American Symposium, organised by SLACIP, is going to take place on July 12th between 15:00 - 23:00 in South African time (GMT+2). Please click [HERE](#) for further details and to register the Latin American Symposium.

PROGRAM AT A GLANCE

JULY 12, 2022 - TUESDAY & JULY 13, 2022 - WEDNESDAY

PRE-CONGRESS WORKSHOP DAY JULY 12 - TUESDAY											
US Pacific Time (GMT-7)	US Eastern Time (GMT-4)	United Kingdom (GMT+1)	Cape Town & Central Europe (GMT+2)	Eastern Europe & Istanbul (GMT+3)	New Delhi, India (GMT+5:30)	Tokyo, Japan (GMT+9)	Sydney, Australia (GMT+10)	HALL 1	HALL 2	HALL 3	HALL 4
23:30 (-1d) - 01:30	02:30 - 04:30	07:30 - 09:30	08:30 - 10:30	09:30 - 11:30	12:00 - 14:00	15:30 - 17:30	16:30 - 18:30	WORKSHOP ID: 1		WORKSHOP ID: 3	WORKSHOP ID: 4
01:30 - 01:45	04:30 - 04:45	09:30 - 09:45	10:30 - 10:45	11:30 - 11:45	14:00 - 14:15	17:30 - 17:45	18:30 - 18:45	BREAK			
01:45 - 03:45	04:45 - 06:45	09:45 - 11:45	10:45 - 12:45	11:45 - 13:45	14:15 - 16:15	17:45 - 19:45	18:45 - 20:45	WORKSHOP ID: 3 (Cont.)		WORKSHOP ID: 3 (Cont.)	WORKSHOP ID: 4 (Cont.)
03:45 - 04:15	06:45 - 07:15	11:45 - 12:15	12:45 - 13:15	13:45 - 14:15	16:15 - 16:45	19:45 - 20:15	20:45 - 21:15	LUNCH BREAK			
04:15 - 06:15	07:15 - 09:15	12:15 - 14:15	13:15 - 15:15	14:15 - 16:15	16:45 - 18:45	20:15 - 22:15	21:15 - 23:15	WORKSHOP ID: 8	WORKSHOP ID: 9	WORKSHOP ID: 3 (Cont.)	WORKSHOP ID: 4 (Cont.)
06:15 - 06:30	09:15 - 09:30	14:15 - 14:30	15:15 - 15:30	16:15 - 16:30	18:45 - 19:00	22:15 - 22:30	23:15 - 23:30	BREAK			
06:30 - 08:30	09:30 - 11:30	14:30 - 16:30	15:30 - 17:30	16:30 - 18:30	19:00 - 21:00	22:30 - 00:30 (+1d)	23:30 - 01:30 (+1d)	WORKSHOP ID: 8 (Cont.)	WORKSHOP ID: 9 (Cont.)	WORKSHOP ID: 3 (Cont.)	WORKSHOP ID: 4 (Cont.)
PRE-CONGRESS WORKSHOP DAY JULY 13 - WEDNESDAY											
US Pacific Time (GMT-7)	US Eastern Time (GMT-4)	United Kingdom (GMT+1)	Cape Town & Central Europe (GMT+2)	Eastern Europe & Istanbul (GMT+3)	New Delhi, India (GMT+5:30)	Tokyo, Japan (GMT+9)	Sydney, Australia (GMT+10)	HALL 1	HALL 2	HALL 3	HALL 4
23:30 (-1d) - 01:30	02:30 - 04:30	07:30 - 09:30	08:30 - 10:30	09:30 - 11:30	12:00 - 14:00	15:30 - 17:30	16:30 - 18:30		WORKSHOP ID: 13		WORKSHOP ID: 15
01:30 - 01:45	04:30 - 04:45	09:30 - 09:45	10:30 - 10:45	11:30 - 11:45	14:00 - 14:15	17:30 - 17:45	18:30 - 18:45	BREAK			
01:45 - 03:45	04:45 - 06:45	09:45 - 11:45	10:45 - 12:45	11:45 - 13:45	14:15 - 16:15	17:45 - 19:45	18:45 - 20:45		WORKSHOP ID: 13 (Cont.)		WORKSHOP ID: 15 (Cont.)
03:45 - 04:15	06:45 - 07:15	11:45 - 12:15	12:45 - 13:15	13:45 - 14:15	16:15 - 16:45	19:45 - 20:15	20:45 - 21:15	LUNCH BREAK			
04:15 - 06:15	07:15 - 09:15	12:15 - 14:15	13:15 - 15:15	14:15 - 16:15	16:45 - 18:45	20:15 - 22:15	21:15 - 23:15	WORKSHOP ID: 18	WORKSHOP ID: 19	WORKSHOP ID: 20	WORKSHOP ID: 23
06:15 - 06:30	09:15 - 09:30	14:15 - 14:30	15:15 - 15:30	16:15 - 16:30	18:45 - 19:00	22:15 - 22:30	23:15 - 23:30	BREAK			
06:30 - 08:30	09:30 - 11:30	14:30 - 16:30	15:30 - 17:30	16:30 - 18:30	19:00 - 21:00	22:30 - 00:30 (+1d)	23:30 - 01:30 (+1d)	WORKSHOP ID: 18 (Cont.)	WORKSHOP ID: 19 (Cont.)	WORKSHOP ID: 20 (Cont.)	WORKSHOP ID: 23 (Cont.)
08:30 - 09:00	11:30 - 12:00	16:30 - 17:00	17:30 - 18:00	18:30 - 19:00	21:00 - 21:30	00:30 (+1d) - 01:00 (+1d)	01:30 (+1d) - 02:00 (+1d)	BREAK			
09:00 - 11:00	12:00 - 14:00	17:00 - 19:00	18:00 - 20:00	19:00 - 21:00	21:30 - 23:30	01:00 (+1d) - 03:00 (+1d)	02:00 (+1d) - 04:00 (+1d)	WELCOME & RELEVANT 1 "I AM BECAUSE WE ARE... AN "UBUNTU STORY FROM A SOUTH AFRICAN PERSPECTIVE"			

PROGRAM AT A GLANCE

JULY 14, 2022 - THURSDAY

JULY 14 - THURSDAY										
Time Slot										
US Pacific Time (GMT-7)	US Eastern Time (GMT-4)	United Kingdom (GMT+1)	Cape Town & Central Europe (GMT+2)	Eastern Europe & Istanbul (GMT+3)	New Delhi, India (GMT+5:30)	Tokyo, Japan (GMT+9)	Sydney, Australia (GMT+10)	HALL 1	HALL 2	HALL 3
22:30 - 23:45 (+1d)	01:30 - 02:45	06:30 - 07:45	07:30 - 08:45	08:30 - 09:45	11:00 - 12:15	14:30 - 15:45	15:30 - 16:45	ORAL ABSTRACT PRESENTATIONS INFECTIONS / SEPSIS	SUNRISE SESSION IMPLEMENTING GUIDELINES INTERNATIONALLY	CASES OVER COFFEE SEPSIS
23:45 - 00:00 (+1d)	02:45 - 03:00	07:45 - 08:00	08:45 - 09:00	09:45 - 10:00	12:15 - 12:30	15:45 - 16:00	16:45 - 17:00	BREAK	BREAK	BREAK
00:00 - 01:20	03:00 - 04:20	08:00 - 09:20	09:00 - 10:20	10:00 - 11:20	12:30 - 13:50	16:00 - 17:20	17:00 - 18:20	SCIENTIFIC SESSION THE LUNGS 1	SCIENTIFIC SESSION THE BRAIN - INFECTION AND THE BRAIN	SCIENTIFIC SESSION COVID-19 - LESSONS LEARNT FROM ACROSS THE GLOBE
01:20 - 01:45	04:20 - 04:45	09:20 - 09:45	10:20 - 10:45	11:20 - 11:45	13:50 - 14:15	17:20 - 17:45	18:20 - 18:45	BREAK	BREAK	BREAK
01:45 - 02:30	04:45 - 05:30	09:45 - 10:30	10:45 - 11:30	11:45 - 12:30	14:15 - 15:00	17:45 - 18:30	18:45 - 19:30	ORAL ABSTRACT PRESENTATIONS THE LUNG	ORAL ABSTRACT PRESENTATIONS NUTRITION	ORAL ABSTRACT PRESENTATIONS COVID AND PICU POLICIES
02:30 - 03:00	05:30 - 06:00	10:30 - 11:00	11:30 - 12:00	12:30 - 13:00	15:00 - 15:30	18:30 - 19:00	19:30 - 20:00	PLENARY 2 THE IMPACT OF COVID19 ON PICC SERVICE AND DELIVERY		
03:00 - 03:30	06:00 - 06:30	11:00 - 11:30	12:00 - 12:30	13:00 - 13:30	15:30 - 16:00	19:00 - 19:30	20:00 - 20:30	PLENARY 3 WHAT'S NEW AND WHAT'S NOT IN PARDS		
03:30 - 05:00	06:30 - 08:00	11:30 - 13:00	12:30 - 14:00	13:30 - 15:00	16:00 - 17:30	19:30 - 21:00	20:30 - 22:00	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
05:00 - 06:20	08:00 - 09:20	13:00 - 14:20	14:00 - 15:20	15:00 - 16:20	17:30 - 18:50	21:00 - 22:20	22:00 - 23:20	SCIENTIFIC SESSION THE HEART - CARDIOLOGY	SCIENTIFIC SESSION BIOETHICS / ADVOCACY	SCIENTIFIC SESSION RESUSCITATION
06:20 - 06:45	09:20 - 09:45	14:20 - 14:45	15:20 - 15:45	16:20 - 16:45	18:50 - 19:15	22:20 - 22:45	23:20 - 23:45	BREAK	BREAK	BREAK
06:45 - 08:00	09:45 - 11:00	14:45 - 16:00	15:45 - 17:00	16:45 - 18:00	19:15 - 20:30	22:45 - 00:00	01:00 (+1d)	DISCUSSION / PERSPECTIVE SESSION HOW DO WE DISSEMINATE TRAINING AND SUPPORT ACROSS THE WORLD TO IMPROVE PEDIATRIC CARDIAC CRITICAL CARE	DISCUSSION SESSION PEDIATRIC SEPSIS DEFINITIONS: WHAT DO THEY MEAN TO ME?	PANEL PRESENTATIONS / DISCUSSION SESSION DISSEMINATING AND IMPLEMENTING GLOBAL PEDIATRIC CRITICAL CARE RESEARCH PRIORITIES
08:00 - 10:00	11:00 - 13:00	16:00 - 18:00	17:00 - 19:00	18:00 - 20:00	20:30 - 22:30	00:00 - 02:00 (+1d)	01:00 (+1d)	NURSING SESSION EMERGING NURSING SCIENCE IN PEDIATRIC CRITICAL CARE	YOUNG PROFESSIONALS SESSION ENSURING LONGEVITY OF CAREER IN PICU	DISCUSSION SESSION WHAT IS A "GOOD DEATH"?

PROGRAM AT A GLANCE

JULY 15, 2022 - FRIDAY

JULY 15 - FRIDAY									
Time Slot									
US Pacific (GMT-7)	US Eastern Time (GMT-4)	United Kingdom (GMT+1)	Cape Town & Central Europe (GMT+2)	Eastern Europe & Istanbul (GMT+3)	New Delhi, India (GMT+5:30)	Tokyo, Japan (GMT+9)	Sydney, Australia (GMT+10)	HALL 1	HALL 2
22:30 - 23:45 (-1d)	01:30 - 02:45	08:30 - 07:45	07:30 - 08:45	08:30 - 09:45	11:00 - 12:15	14:30 - 15:45	15:30 - 16:45	SUNRISE SESSION: PEDIATRIC PAIN GUIDELINES	CASES OVER COFFEE: ECLS
23:45 (-1d) - 00:00	02:45 - 03:00	07:45 - 08:00	08:45 - 09:00	09:45 - 10:00	12:15 - 12:30	15:45 - 16:00	16:45 - 17:00	BREAK	BREAK
00:00 - 01:20	03:00 - 04:20	08:00 - 09:20	09:00 - 10:20	10:00 - 11:20	12:30 - 13:50	16:00 - 17:20	17:00 - 18:20	SCIENTIFIC SESSION: EDUCATIONAL MODELS	SCIENTIFIC SESSION: QUALITY AND SAFETY
01:20 - 01:45	04:20 - 04:45	08:20 - 08:45	10:20 - 10:45	11:20 - 11:45	13:50 - 14:15	17:20 - 17:45	18:20 - 18:45	BREAK	BREAK
01:45 - 02:30	04:45 - 05:30	08:45 - 10:30	10:45 - 11:30	11:45 - 12:30	14:15 - 15:00	17:45 - 18:30	18:45 - 19:30	ORAL ABSTRACT PRESENTATIONS: WORKFORCE AND EDUCATION	ORAL ABSTRACT PRESENTATIONS: THE LUNG PARTS
02:30 - 03:00	05:30 - 06:00	10:30 - 11:00	11:30 - 12:00	12:30 - 13:00	15:00 - 15:30	18:30 - 19:00	19:30 - 20:00	PLENARY 4: INDIVIDUALISED CARE IN THE PICU	
03:00 - 03:30	06:00 - 06:30	11:00 - 11:30	12:00 - 12:30	13:00 - 13:30	15:30 - 16:00	19:00 - 19:30	20:00 - 20:30	PLENARY 5: HOW DO WE MAKE DIVERSE (PICO) TEAMS WORK	
03:30 - 05:00	06:30 - 08:00	11:30 - 13:00	12:30 - 14:00	13:30 - 15:00	16:00 - 17:30	19:30 - 21:00	20:30 - 22:00	13:00-14:00: A&P SESSION: LESSONS LEARNED IN THE LAST 2 YEARS	13:00-13:45: INDUSTRY SYMPOSIUM 1
05:00 - 06:20	08:00 - 09:20	13:00 - 14:20	14:00 - 15:20	15:00 - 16:20	17:30 - 18:50	21:00 - 22:20	22:00 - 23:20	SCIENTIFIC SESSION: SEDATION / ANALGESIA	SCIENTIFIC SESSION: THE HEART - OPTIMISING PERI-OPERATIVE CARE
06:20 - 06:45	09:20 - 09:45	14:20 - 14:45	15:20 - 15:45	16:20 - 16:45	18:50 - 19:15	22:20 - 22:45	23:20 - 23:45	BREAK	BREAK
06:45 - 08:00	09:45 - 11:00	14:45 - 16:00	15:45 - 17:00	16:45 - 18:00	19:15 - 20:30	22:45 - 00:00	23:45 - 01:00 (+1d)	PERSPECTIVES / DISCUSSION SESSION: IMPACT OF COVID-19 ON PEDIATRIC CRITICAL CARE	DISCUSSION SESSION: MAKING THE PICU WORK FOR THE ONCOLOGY PATIENT?
								DISCUSSION / DEBATE SESSION: INTERDISCIPLINARY TEAM FUNCTIONING TO OPTIMISE COMFORT AND SAFETY	DISCUSSION SESSION: RESEARCH CONSORTIUM: MULTICENTER PICU RESEARCH AND RESEARCH IN LMIC
								SCIENTIFIC SESSION: THE LUNGS 2	SCIENTIFIC SESSION: CARING FOR THE CARERS 1
								LUNCH BREAK	LUNCH BREAK
								ORAL ABSTRACT PRESENTATIONS: CLINICAL SCORES, TOOLS AND ALSO	ORAL ABSTRACT PRESENTATIONS: GLOBAL HEALTH 1
								SCIENTIFIC SESSION: LIVER / GIT	SCIENTIFIC SESSION: SURVIVE AND THRIVE - ICU OUTCOMES
								SCIENTIFIC SESSION: GLOBAL PICU PERSPECTIVES 1	SCIENTIFIC SESSION: THE LUNGS 2
								SCIENTIFIC SESSION: SEPSIS 2	DISCUSSION / DEBATE SESSION: INTERDISCIPLINARY TEAM FUNCTIONING TO OPTIMISE COMFORT AND SAFETY

PROGRAM AT A GLANCE

JULY 16, 2022 - SATURDAY

JULY 16 - SATURDAY										
Time Slot		US Pacific Time (GMT-7)	US Eastern Time (GMT-4)	United Kingdom (GMT+1)	Cape Town & Central Europe (GMT+2)	Eastern Europe & Istanbul (GMT+3)	New Delhi, India (GMT+5:30)	Tokyo, Japan (GMT+9)	Sydney, Australia (GMT+10)	
22:30 - 23:45 (-1h)	01:30 - 02:45	01:30 - 02:45	06:30 - 07:45	06:30 - 07:45	07:30 - 08:45	08:30 - 09:45	11:00 - 12:15	14:30 - 15:45	15:30 - 16:45	HALL 1
23:45 (-1h) - 00:00	02:45 - 03:00	02:45 - 03:00	07:45 - 08:00	07:45 - 08:00	08:45 - 09:00	09:45 - 10:00	12:15 - 12:30	15:45 - 16:00	16:45 - 17:00	SUNRISE SESSION MAKING BEST USE OF LIMITED RESOURCE TO OPTIMISE QUALITY AND SAFETY
00:00 - 01:20	03:00 - 04:20	03:00 - 04:20	08:00 - 09:20	08:00 - 09:20	09:00 - 10:20	10:00 - 11:20	12:30 - 13:50	16:00 - 17:20	17:00 - 18:20	CASES OVER COFFEE RENAL + CARDIAC
01:20 - 01:45	04:20 - 04:45	04:20 - 04:45	09:20 - 09:45	09:20 - 09:45	10:20 - 10:45	11:20 - 11:45	13:50 - 14:15	17:20 - 17:45	18:20 - 18:45	SUNRISE SESSION INNOVATION IN PEDIATRIC CRITICAL CARE - A GLOBAL PERSPECTIVE
01:45 - 02:30	04:45 - 05:30	04:45 - 05:30	09:45 - 10:30	09:45 - 10:30	10:45 - 11:30	11:45 - 12:30	14:15 - 15:00	17:45 - 18:30	18:45 - 19:30	CASES OVER COFFEE MISCELLANEOUS
										BREAK
										SCIENTIFIC SESSION ECMO
										SCIENTIFIC SESSION FAMILY CARE
										SCIENTIFIC SESSION COMBINED ORGAN SYSTEMS
										SCIENTIFIC SESSION PEDIATRIC DRUG THERAPY IN THE PICU
										BREAK
										ORAL ABSTRACT PRESENTATIONS GLOBAL HEALTH 2
										ORAL ABSTRACT PRESENTATIONS THE HEARTH
										ORAL ABSTRACT PRESENTATIONS COMBINED ORGAN DYSFUNCTION
										ORAL ABSTRACT PRESENTATIONS REHAB COMFORT
										ORAL ABSTRACT PRESENTATIONS POST PICU OUTCOMES
02:30 - 03:00	05:30 - 06:00	05:30 - 06:00	10:30 - 11:00	10:30 - 11:00	11:30 - 12:00	12:30 - 13:00	15:00 - 15:30	18:30 - 19:00	19:30 - 20:00	PLENARY 6 CLIMATE CHANGE, HEALTH AND THE FUTURE FOR OUR CHILDREN
03:00 - 03:30	06:30 - 07:00	06:30 - 07:00	11:00 - 11:30	11:00 - 11:30	12:00 - 12:30	13:00 - 13:30	15:30 - 16:00	19:00 - 19:30	20:00 - 20:30	PLENARY 7 THE PLACE FOR PEDIATRIC CRITICAL CARE IN AFRICA
03:30 - 05:00	07:00 - 08:30	07:00 - 08:30	11:30 - 13:00	11:30 - 13:00	12:30 - 14:00	13:30 - 15:00	16:00 - 17:30	19:30 - 21:00	20:30 - 22:00	LUNCH BREAK
05:00 - 06:20	08:00 - 09:20	08:00 - 09:20	13:00 - 14:20	13:00 - 14:20	14:00 - 15:20	15:00 - 16:20	17:30 - 18:50	21:00 - 22:20	22:00 - 23:20	SCIENTIFIC SESSION GLOBAL PICU PERSPECTIVES: IMPROVISATIONAL TECHNOLOGIES FOR IMPLEMENTING PICU CARE IN LICs
06:20 - 06:45	09:20 - 09:45	09:20 - 09:45	14:20 - 14:45	14:20 - 14:45	15:20 - 15:45	16:20 - 16:45	18:50 - 19:15	22:20 - 22:45	23:20 - 23:45	SCIENTIFIC SESSION THE KIDNEY 2
06:45 - 07:45	09:45 - 10:45	09:45 - 10:45	14:45 - 15:45	14:45 - 15:45	15:45 - 16:45	16:45 - 17:45	19:15 - 19:45	22:45 - 23:45	23:45 - 00:45 (+1h)	SCIENTIFIC SESSION THE BRAIN
										BREAK
										SCIENTIFIC SESSION TELEMEDICINE
										CLOSING SESSION & PLENARY 8 THE CHANGING FACE OF PICC IN THE 21st CENTURY



PRE-CONGRESS & VOD WORKSHOPS

A number of pre-congress & VOD workshops have been planned for the congress participants.

Pre-congress workshops will take place on July 12th and July 13th, and a separate workshop registration is required to attend these pre-congress workshops.

VOD Workshops are planned as on-demand videos, do not require a separate registration, and will be accessible for all congress participants in the "VOD Workshops Hall".

The list of the pre-congress workshops & VOD workshops is given below. Please click [HERE](#) for further details about workshops.

Pre-Congress Workshops

- W.1 - BABY LIBERATION - an innovative neurodevelopmental approach to optimise bundled care of infants in PICU
- W.3 - All you need to know about Kidney Replacement Therapy in a PICU setting/
- W.4 - WFPICCS Evidence Hackathon: Engaging the conference community in collaborative knowledge synthesis
- W.8 - Sepsis – A Lifespan Approach
- W.9 - Transcranial Doppler specific clinical applications for pediatric intensive care
- W.11 - Promoting Improved Neurodevelopmental Outcomes in the Cardiac ICU
- W.13 - Continuous qEEG Monitoring in Pediatric Critical Care
- W.15 - Ethical challenges in the PICU
- W.16 - NAVA and NIV-NAVA Workshop
- W.18 - Post-operative care after congenital heart surgery
- W.19 - Data-driven sepsis research: an international data challenge to develop risk prediction models for pediatric sepsis mortality
- W.20 - Mechanical Ventilation and High Yield Pedagogy. A Tandem Tracked Hands On Scenario Based Training Session for Critical-Care Clinician Educators
- W.23 - Bedside Ultrasound for the Neonatal and Pediatric Intensivist

VOD Workshops

- Climate-Wise Critical Care Consortium (4Cs): Mobilizing a Community of Climate Action
- Adverse Childhood Experiences (ACEs) & The Seven Domains of Wellness: Mitigating Toxic Stress
- Enteral and parenteral nutrition modalities in PICU
- An update on non-invasive and invasive multi-modality neuromonitoring in severe pediatric TBI patients: it is no longer only about ICP!!
- Monitoring Research Data for Investigator Initiated Clinical Trials
- Virtual learning: a new modality of medical education in the era of pandemics
- Effective Communication and Team Collaboration in Multicultural Health Care Environment; Challenges and Solutions
- Heart in Your Hands: Hands-On Complex Congenital Heart Disease with 3D Models
- Update on Pediatric Disorders of Consciousness Assessment and Advanced Biomarkers
- Acute Pancreatitis in the Critical Care Unit



SCIENTIFIC PROGRAMME

JULY 12, 2022 – TUESDAY

Legend

Pre-Congress Workshops	Sunrise Sessions
Plenary Sessions	Oral Abstract Presentations
Discussion / Panel / Debate Sessions	Cases over Coffee
Scientific Sessions	Social Programme

08:30 – 10:30 | Hall 1

WORKSHOP ID: 1 | BABY LIBERATION - an innovative neurodevelopmental approach to optimise bundled care of infants in PICU

08:30 – 17:30 | Hall 3

WORKSHOP ID: 3 | All you need to know about Kidney Replacement Therapy in a PICU setting

08:30 - 17:30 | Hall 5

WORKSHOP ID: 4 | WFPICCS Evidence Hackathon: Engaging the conference community in collaborative knowledge synthesis

13:15 - 17:30 | Hall 1

WORKSHOP ID: 8 | Sepsis – A Lifespan Approach

13:15 - 17:30 | Hall 2

WORKSHOP ID: 9 | Transcranial Doppler specific clinical applications for pediatric intensive care

13:15 - 17:30 | Hall 6

WORKSHOP ID: 11 | Promoting Improved Neurodevelopmental Outcomes in the Cardiac ICU



SCIENTIFIC PROGRAMME

JULY 13, 2022 – WEDNESDAY

Legend

Pre-Congress Workshops	Sunrise Sessions
Plenary Sessions	Oral Abstract Presentations
Discussion / Panel / Debate Sessions	Cases over Coffee
Scientific Sessions	Social Programme

08:30 – 12:45 | Hall 2

WORKSHOP ID: 13 | Continuous qEEG Monitoring in Pediatric Critical Care

08:30 – 12:45 | Hall 4

WORKSHOP ID: 15 | Ethical challenges in the PICU

08:30 – 12:45 | Hall 5

WORKSHOP ID: 16 | NAVA and NIV-NAVA Workshop

13:15 – 17:30 | Hall 1

WORKSHOP ID: 18 | Post-operative care after congenital heart surgery

13:15 – 17:30 | Hall 2

WORKSHOP ID: 19 | Data-driven sepsis research: an international data challenge to develop risk prediction models for pediatric sepsis mortality

13:15 – 17:30 | Hall 3

WORKSHOP ID: 20 | Mechanical Ventilation and High Yield Pedagogy. A Tandem Tracked Hands On Scenario Based Training Session for Critical-Care Clinician Educators.

13:15 – 17:30 | Hall 6

WORKSHOP ID: 23 | Bedside Ultrasound for the Neonatal and Pediatric Intensivist

17:30 – 18:00 | BREAK

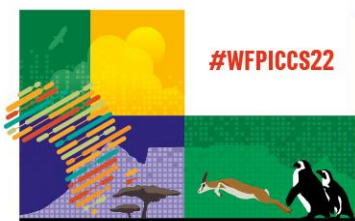
18:00 – 20:00 | Hall 1

WELCOME SESSION & PLENARY 1

"I AM BECAUSE WE ARE... AN 'UBUNTU' STORY FROM A SOUTH AFRICAN PICU"

Moderator: *Andrew Argent, South Africa*

Speakers: *Mosa Ntlatseng, South Africa*
Ntsoaki Ntlatseng, South Africa



SCIENTIFIC PROGRAMME

JULY 14, 2022 – THURSDAY

Legend

Pre-Congress Workshops	Sunrise Sessions
Plenary Sessions	Oral Abstract Presentations
Discussion / Panel / Debate Sessions	Cases over Coffee
Scientific Sessions	Social Programme

07:30 – 08:45 | Hall 1

ORAL ABSTRACT PRESENTATIONS INFECTIONS / SEPSIS

Moderator: *Gokul Ramanathan, UK*

Burden and predictors of mortality of acute tropical infections in Pediatric Intensive Care unit in a tertiary care teaching hospital in Northern India, *Sudeep K C, India*

Application of metagenomic next-generation sequencing (mNGS) in diagnosing pneumonia of children, *Yuxiong Guo, China*

Serum Vimentin Predicts Mortality in Pediatric Severe Sepsis: a Prospective Observational Study, *Huijie Miao, China*

07:30 – 08:45 | Hall 2

SUNRISE SESSION IMPLEMENTING GUIDELINES INTERNATIONALLY

Moderator: *Muralidharan Jayashree, India*

Opening remarks, *Muralidharan Jayashree, India*

Background on how guidelines are actually developed, *Saraswati Kache, USA*

Global vs Context based guidelines: Latin America experience, *Roberto Jabornisky, Argentina*

Pros and cons for a personalized vs protocolised approach in guidelines: International sepsis guidelines in an Indian setting, *Suchitra Ranjit, India*

We need guidelines to improve post-discharge outcomes for pediatric sepsis: The experience from Uganda, *Matthew Wiens, Canada*

07:30 – 08:45 | Hall 3

CASES OVER COFFEE SEPSIS

Moderator: *Andrew Argent, South Africa*

An unusual presentation of Bartonella henselae infection in a pediatric patient, *Ayodeji Otufowora, USA*

Shock In a Transplant Recipient: It's Not Always what it Seems, *Leticia Eguiraun Hernando, Spain*

Covid-19 Induced Cold Autoimmune Hemolytic Anaemia – A Rare Case Report, *Vishal Jali, India*

Acute fulminant cerebral edema in a girl with COVID-19 infection, *Wun Fung Hui, Hong Kong*

07:30 – 08:45 | Hall 4

SUNRISE SESSION TAXI-CAB

Moderator: *Marianne Nellis, USA*

Summary of TAXI-CAB - Methods and Overall Recommendations, *Marianne Nellis, USA*

Plasma and Platelet Transfusion Strategies for Critically Ill Children with Cancer, Liver Failure and/or Sepsis/DIC, *Gemma Crighton*

Research Priorities for Plasma and Platelet Transfusion Strategies for Critically Ill Children and Implementation of TAXI-CAB Guidance, *Kenneth Remy, USA*

SCIENTIFIC PROGRAMME

JULY 14, 2022 – THURSDAY

Legend

Pre-Congress Workshops	Sunrise Sessions
Plenary Sessions	Oral Abstract Presentations
Discussion / Panel / Debate Sessions	Cases over Coffee
Scientific Sessions	Social Programme

07:30 – 08:45 | Hall 5

CASES OVER COFFEE

GIT / ENDOCRIN / METABOLIC

Moderators: *Chinmay Joshi, UK*
Jacqueline Ong, Singapore

Perinatal Hypophosphatasia rare cause of status epilepticus and respiratory failure, *Alok Ekka, UK*

Hypophosphatemia: A common but overlooked cause of cardiac dysfunction in a child with DKA, *Ashish Agarwal, India*

Ventilatory management in severe diabetic ketoacidosis, *Fernando Bustos-Gajardo, Chile*

The Stubborn Acid, *Olive Lee, UK*

Alcohol Poisoning in a toddler, *Vinitha Anirudhan, India*

08:45 – 09:00 | BREAK

09:00 – 10:20 | Hall 1

SCIENTIFIC SESSION

THE LUNGS 1

Moderator: *Brenda Morrow, South Africa*

Is it pARDS and does it matter?, *Analia Fernandez, Argentina*

What really damages the lung during mechanical ventilation?, *Martin Kneyber, Netherlands*

International pediatric ventilator liberation clinical practice guidelines, *Samer Abu-Sultaneh, USA*

Pulmonary Rehabilitation in the PICU and beyond, *Brenda Morrow, South Africa*

09:00 – 10:20 | Hall 2

SCIENTIFIC SESSION

THE BRAIN - INFECTION AND THE BRAIN

Moderator: *Karthi Nallasamy, India*

Bacterial infections, *Arun Bansal, India*

Tropical diseases, *Karthi Nallasamy, India*

Viral infections, *Ericka Fink, USA*

Use of transcranial doppler in paediatric CNS infection, *Nicole O'Brien, USA*

09:00 – 10:20 | Hall 3

SCIENTIFIC SESSION

COVID-19 - LESSONS LEARNT FROM ACROSS THE GLOBE

Moderator: *Muralidharan Jayashree, India*

Justice and allocation of resources, *Muralidharan Jayashree, India*

Multisystem Inflammatory Syndrome in Children (MIS-C) Associated with Covid-19, *Yonca Bulut, USA*

The impact of family presence restrictions on patients and families: How can we do better?, *Jennifer Foster, Canada*

The psychological and moral impact of covid 19 on healthcare workers, *Arun Bansal, India*



SCIENTIFIC PROGRAMME

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Plenary Sessions	Oral Abstract Presentations
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Scientific Sessions	Social Programme

09:00 – 10:20 | Hall 4

SCIENTIFIC SESSION

SEPSIS 1

Moderator: *Barney Scholefield, UK*

Optimizing Hemodynamics in Septic shock: A bedside patient-centred approach, *Suchitra Ranjit, India*

What are the prospects for implementing precision therapy in sepsis?, *Vanessa Soares Lanziotti, Brazil*

Sepsis phenotypes - you may get more than you asked for!, *Scott Weiss, USA*

Temperature thresholds in PICU, *Barney Scholefield, UK*

09:00 – 10:20 | Hall 5

SCIENTIFIC SESSION

THE KIDNEY 1

Moderator: *Mignon McCulloch, South Africa*

What's new in AKI?, *Rajit Basu, USA*

Is there a role for PD in the modern era?, *Mignon McCulloch, South Africa*

Neonatal AKI and management thereof, *Ayşe Akcan Arıkan, USA*

Innovations in RRT in resource limited environments, *Peter Nourse, South Africa*

10:20 – 10:45 | BREAK

10:45 – 11:30 | Hall 1

ORAL ABSTRACT PRESENTATIONS

THE LUNG

Moderator: *Brenda Morrow, South Africa*

Implementation of guidelines reduces Non-Invasive Ventilation days for patients managed on High Dependency Unit, *Lekha Sridhar, UK*

Incidence of air leak syndrome in pediatric patients with SARS-COV-2 pneumonia and respiratory failure, *Juan Alberto Cardenas, USA*

Impact of age and airway resistance on the reliability of peak inspiratory pressure to estimate plateau pressure in children, *Cecilia Rotava Buratti, Canada*

Regional Compliance Guidance Positive End-expiratory Pressure Render Pendelluft in Pediatric Acute Respiratory Syndrome, *Zhulin Wang, China*

Changes in bronchiolitis PICU admissions in Italy: the effect of Covid-19, *Anna Camporesi, Italy*



SCIENTIFIC PROGRAMME

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Legend

Pre-Congress Workshops	Sunrise Sessions
Plenary Sessions	Oral Abstract Presentations
Discussion / Panel / Debate Sessions	Cases over Coffee
Scientific Sessions	Social Programme

10:45 – 11:30 | Hall 2

ORAL ABSTRACT PRESENTATIONS NUTRITION

Moderator: *Arun Bansal, India*

Malnutrition and obesity prevalence in critically ill Latin American children: a preliminary report of the NutriPIC study., *Santiago Campos Miño, Ecuador*

Adequacy of energy and protein administration during nutritional support in Latin American critically ill children: a preliminary report of the NutriPIC study, *Santiago Campos Miño, Ecuador*

Relationship between early enteral nutrition and clinical outcomes in critically ill pediatric populations: A systematic review, *Nicole Gilbert, Canada*

Clinical outcomes in children with Diabetic Ketoacidosis and associated thiamine deficiency, *Gaurav Sharma, India*

Randomised control trial to study the effects of Thiamine, vitamin C and vitamin B12 in pediatric severe sepsis and septic shock, *Suman Lingabathina, India*

10:45 – 11:30 | Hall 3

ORAL ABSTRACT PRESENTATIONS COVID AND PICU POLICIES

Moderator: *Jacqueline Ong, Singapore*

We aren't meant to go through the hardest parts of our lives alone: Caregiver supports during COVID-19-related PICU presence restrictions: A mixed methods survey analysis, *Jennifer Ruth Foster, Canada*

The experience of PICU leaders with restricted family presence during the COVID-19 pandemic: A qualitative descriptive interview study, *Jennifer Ruth Foster, Canada*

These rules are so cruel: Bedside PICU healthcare providers' impactful experiences associated with COVID-19-related restricted family presence: A qualitative analysis of free text, *Jennifer Ruth Foster, Canada*

Adapting a PICU for Adult Patients during a pandemic: impacts and learning from interprofessional care of critically ill adults with COVID-19, *Karen Dryden Palmer, Canada*

10:45 – 11:30 | Hall 4

ORAL ABSTRACT PRESENTATIONS COMFORT MANAGEMENT

Moderator: *Ann-Marie Brown, USA*

Emergency Department distraction therapy for pain and anxiety in paediatric patients: A systematic review & meta-analysis of techniques potentially suitable for the prehospital setting, *Kathryn Eastwood, Australia*

A national survey of sedation practice and clinicians' attitudes regarding sedation-related research in UK paediatric intensive care units, *Rebecca B Mitting, UK*

Assessment of Sedation during Non-Invasive Ventilation in Children with Acute Respiratory Failure: A Multicenter observational study (SEDANIV), *María Miñambres Rodríguez, Spain*

Reduction in Benzodiazepine, Opioid and Antipsychotic use after a protocol implementation in a Brazilian Pediatric Intensive Care Unit, *Carolina Augusta Arantes Portugal, Brazil*

Protocolized Vs Conventional sedation among mechanically ventilated children in a pediatric intensive care unit, *Muthu Chidambaram, India*



SCIENTIFIC PROGRAMME

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10:45 – 11:30 | Hall 5

ORAL ABSTRACT PRESENTATIONS
TECHNOLOGY INNOVATION

Moderator: *Rishi Ganesan, Canada*

Enhancing the Efficiency of a Large-Scale Scoping Review with Crowdsourcing and Machine-Learning Methodology, *David J Zorko, Canada*

A Window in the Brain: Applying data science to quantitatively detect seizures with minimal-density EEG montage, *Shima Abdullateef, UK*

"Toy" Paediatric Critical Care Unit (PCCU): Building a computer simulation to improve patient flow in a Scottish PCCU, *John Edwin Palmer, UK*

Implementation of Smart Spot: Patient and treatment tracking system to support timely recognition and treatment of critically ill children, *Katija Pallot, Canada*

Validation of Peripherally Inserted Central Venous Catheter Insertion Length Prediction Formula Using Height – A Before and After study, *Hajime Okuwaki, Japan*

11:30 – 12:00 | Hall 1

PLENARY 2
THE IMPACT OF COVID19 ON PICC SERVICE AND DELIVERY

Moderator: *Andrew Argent, South Africa*

Speaker: *Hari Krishnan Kanthimathinathan, UK*

12:00 – 12:30 | Hall 1

PLENARY 3
WHAT'S NEW AND WHAT'S NOT IN PARDS

Moderator: *Brenda Morrow, South Africa*

Speaker: *Martin Kneyber, Netherlands*

12:30 – 14:00 | LUNCH BREAK

14:00 – 15:00 | Hall 1

SCIENTIFIC SESSION
THE HEART – CARDIOLOGY

Moderator: *Jane Cassidy, UK*

Basic science/Physiology/Anatomy, *Michael Fundora, USA*

Acute and chronic heart failure in the PICU, *Jane Cassidy, UK*

Cardiac imaging, *Fabio Joly, Brazil*



SCIENTIFIC PROGRAMME

JULY 14, 2022 – THURSDAY

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Plenary Sessions	Oral Abstract Presentations
Discussion / Panel / Debate Sessions	Cases over Coffee
Scientific Sessions	Social Programme

14:00 – 15:00 | Hall 2

SCIENTIFIC SESSION

BIOETHICS / ADVOCACY

Moderator: *Melanie Jansen, Australia*

Children's rights and access to critical care, *Sebastian Gonzalez-Dambrasukas, Uruguay*

Ethical Considerations for Children During Mass Emergencies, *Niranjan Kissoon, Canada*

Ethical conflict in PICU: forget consensus - we need to learn how to have better quality arguments, *Melanie Jansen, Australia*

Care planning - when parents and professionals don't agree, *Erin Paquette, USA*

14:00 – 15:00 | Hall 3

SCIENTIFIC SESSION

RESUSCITATION

Moderator: *John Appiah, Ghana*

New advances, *David Kloeck, South Africa*

Challenges in CPR, *Elizabeth Hunt, USA*

Why train CPR where there is no PICU?, *John Appiah, Ghana*

Outcomes of cardiac arrest, *Vinay Nadkarni, USA*

14:00 – 15:00 | Hall 4

SCIENTIFIC SESSION

RESEARCH IN PICU

Moderator: *Nelson Sanchez-Pinto, USA*

Data Science and Informatics Research in the PICU: From Bytes to Bedside, *Nelson Sanchez-Pinto, USA*

Precision science - Human genome across the world and issues in genetic variation - where should research be happening for the best answers for the most people?, *Raj Ramesar, South Africa*

Clinical Trials - Causality vs. association in research reporting - language matters!, *Robert Tasker, USA*

What's hot and what's not - next two years of PICC research, *Tammara Jenkins, USA*

14:00 – 15:00 | Hall 5

SCIENTIFIC SESSION

FLUIDS & ELECTROLYTES & METABOLISM

Moderator: *Andrew Argent, South Africa*

How has fluid practice changed in HIC since FEAST? *Anna Camporesi, Italy*

Fluids and nutrition - balancing water and calories, *Luise Marino, UK*

Preventing cerebral oedema in DKA - current best practice, *Nicole McKinnon, Canada*

Do fluid boluses harm more in LMICs? Evidence since FEAST? *Andrew Argent, South Africa*

15:20 – 15:45 | BREAK



SCIENTIFIC PROGRAMME

JULY 14, 2022 – THURSDAY

Legend

Pre-Congress Workshops	Sunrise Sessions
Plenary Sessions	Oral Abstract Presentations
Discussion / Panel / Debate Sessions	Cases over Coffee
Scientific Sessions	Social Programme

15:45 – 17:00 | Hall 1

DISCUSSION / PERSPECTIVE SESSION

HOW DO WE DISSEMINATE TRAINING AND SUPPORT ACROSS THE WORLD TO IMPROVE PAEDIATRIC CARDIAC CRITICAL CARE

Moderator: *Intikhab Zafurallah, UK*

A successful model for setting up a sustainable paediatric cardiac programme in India, *Krishna Kumar, India*

Training paediatric cardiac surgeons in low resource countries with a 100m population – the trials and tribulations, *Shibikom Tamirat, Ethiopia*

Building sustainable cardiac critical care nursing teams – themes across Africa that leads to success, *Heide Kunzmann, South Africa*

Building a virtual community to disseminate training and support towards improving cardiac critical care, *Traci Wolbrink, USA*

Paediatric Cardiac Intensivist – a developing specialisation in LMIC, how do we train, retain, sustain & grow this speciality, *Uchechukwu Anene-Nzelu, Nigeria*

A lifetime of developing cardiac services in LMIC – Over to the next generation, *Madgi Yacoub, UK*

15:45 – 17:00 | Hall 2

DISCUSSION SESSION

PEDIATRIC SEPSIS DEFINITIONS: WHAT DO THEY MEAN TO ME?

Moderators: *Luregn Schlappbach, Australia*

Lauren Sorce, USA

Using pediatric sepsis definitions to measure the impact of quality improvement, *Daniela Souza, Brazil*

Applying pediatric sepsis definitions outside the ICU (ED, ward), *Roberto Jabornisky, Argentina*

What does "pediatric sepsis" mean for patients, families, and the public? Creating publicly understandable messages, *Paula Lister, Australia*

The LMIC view on pediatric sepsis definitions, *Claudio Fauzino de Oliveira, Brazil*

Are current sepsis criteria fit for research, i.e. to enrol the right patients in trials? *Mark Peters, UK*

15:45 – 17:00 | Hall 3

PANEL PRESENTATIONS / DISCUSSION SESSION

DISSEMINATING AND IMPLEMENTING GLOBAL PEDIATRIC CRITICAL CARE RESEARCH PRIORITIES

Moderator: *Vanessa Soares Lanziotti, Brazil*

Gaps on mechanical ventilation research and how to make research feasible in different settings (HIC and LIC), *Martin Kneyber, Netherlands*

How global collaborative research can reduce mortality by sepsis in children? *Chin Seng Gan, Malaysia*

How research on mortality prediction models can help to improve outcomes on children hospitalized in PICU and post-PICU discharge worldwide? *Matthew Wiens, Canada*



SCIENTIFIC PROGRAMME

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Scientific Sessions	Social Programme

15:45 – 17:00 | Hall 4

PANEL DISCUSSION

RARE DISEASES IN PICU: CARING FOR CHILDREN AND FAMILIES WITH RARE CONDITIONS

Moderator: *Deanna Behrens, USA*

Ethical discussions regarding care for patients with rare diseases, *Melanie Jansen, Australia*

Parental needs for children with rare diseases in LMIC; alternative: how to provide and family centered care for children with rare diseases, *Andreia Cascaes Cruz, Brazil*

How to de-medicalize the lives of children with rare diseases so that they can become the person they are supposed to be, *Jane Booth, South Africa*

Unique challenges that our families & critical care specialists face in a developing country, *Indira Jayakumar, India*

15:45 – 17:00 | Hall 5

DISCUSSION SESSION

WHAT IS A "GOOD DEATH"?

Moderator: *Karen Dryder Palmer, Canada*

1. What is a 'good death' in PICU?
2. Regional/cultural constructs of 'good death' in the context of critical childhood illness and injury
3. Elements/factors contributing to a 'good death' in PICU
4. Opportunities to improve end of life care and childhood death in the PICU context

Panelists: *Ashleigh Butler, Australia*
Anne-Sophie Darlington, UK
Satoshi Nakagawa, Japan
Melissa Platt, South Africa

17:00 – 19:00 | Hall 1

NURSING SESSION

EMERGING NURSING SCIENCE IN PEDIATRIC CRITICAL CARE

Moderators: *Martha Curley, USA*
Minette Coetze, South Africa

Sleep Disruption and Delirium in Critically Ill Children, *Laura Beth Kalvas, USA*

The clinical effectiveness of Dynamic Electronic Tracking and Escalation to reduce Critical care Transfers (the DETECT study), *Gerri Sefton, UK*

Award Presentation

Virtual Reception



#WFPICCS22



SCIENTIFIC PROGRAMME

JULY 14, 2022 – THURSDAY

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	Scientific Sessions		Social Programme

17:00 – 18:15 | Hall 2

YOUNG PROFESSIONALS SESSION ENSURING LONGEVITY OF CAREER IN PICU

Moderators: *Chinmay Joshi, Scotland*
Dominic Wooldridge, UK

Turning back the clock. What I'd now tell myself as a new consultant, *Neil Spenceley, UK*

How to avoid frustration and ensure longevity in resource-limited settings, *Soonu Udani, India*

Burnout - The Reality, *Julie Richardson, Scotland*

How to support and guide young professionals to ensure longevity in the critical care career, *Peter Cox, Canada*



SCIENTIFIC PROGRAMME

JULY 15, 2022 – FRIDAY

Legend

Pre-Congress Workshops	Sunrise Sessions
Plenary Sessions	Oral Abstract Presentations
Discussion / Panel / Debate Sessions	Cases over Coffee
Scientific Sessions	Social Programme

07:30 – 08:45 | Hall 1

SUNRISE SESSION

PEDIATRIC PADIS GUIDELINES

Moderator: *Erwin Ista, Netherlands*

Pain and Sedation, *John Berkenbosch, USA*

Delirium and IWS, *John Berkenbosch, USA*

PICU Environment and Early Mobility, *John Berkenbosch, USA*

07:30 – 08:45 | Hall 2

CASES OVER COFFEE

ECLS

Moderator: *Graeme Maclaren, Australia*

Bridging the gap: V-V ECMO for traumatic bronchial avulsion, *Andrea Pisesky, Canada*

Hypereosinophilic syndrome with multiorgan involvement necessitating VV-ECMO support, *Jennifer Yee Ming Li, Hong Kong*

An old cause of bleeding in a modern day PICU, *Ka Hang Andy Kwok, Hong Kong*

Experience with Tracheostomies of Three Pediatric Patients with COVID-19 on Extracorporeal Life Support, *Mariam Gabriel, USA*

07:30 – 08:45 | Hall 3

SUNRISE SESSION

SOCIAL MEDIA AND CRITICAL CARE

Moderators: *Vanessa Soares Lanziotti, Brazil*
Alexandra Ferguson, Australia

We can all learn together-using social media as a platform for education and training, *Miguel Rodriguez-Rubio, Spain*

COVID-19 and harnessing the social media tsunamis, *Anna Zanin, Italy*

Being a Pro: How to use social media responsibly, *Sapna Kudchadkar, USA*

07:30 – 08:45 | Hall 4

CASES OVER COFFEE

NEURO

Moderator: *Arun Bansal, India*

The Case of the Teenage statue, *Gabrielle Scantlebury, Barbados*

Brain tissue oxygen and Intracranial pressure Multimodality Neuromonitoring in Gunshot Wound Pediatric Head Trauma, *Shih-Shan Lang Chen, USA*

Chest Wall Rigidity....A Test For Your Avidity!!, *Kambagiri Pratyusha, India*

A severe case of Febrile Infection Related Epilepsy Syndrome (FIREs): high dose drug therapies and unusual complications, *Melissa Pilbeam, Australia*

Neuroleptic Malignant Syndrome as complication of the management of autistic spectrum disorder, *Natalia Albuquerque, UK*



SCIENTIFIC PROGRAMME

JULY 15, 2022 – FRIDAY

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07:30 – 08:45 | Hall 5

SUNRISE SESSION

PALICC2

Moderators: *Guillaume Emeriaud, Canada*
Robinder Khemani, USA
Yolanda Lopez Fernandez, Spain

Methodology of PALICC-2, *Narayan Iyer*

New concepts in defining PARDS, *Steve Shein, USA*

PARDS in Resource Limited Settings, *Brenda Morrow, South Africa*

Informatics and Data Science in PARDS, *Prakadeshwari Rajapreyar, USA*

Lister, *Robinder Khemani, USA*

Future directions in PARDS research, *Yolanda M. López-Fernández, Spain*

08:45 – 09:00 | BREAK

09:00 – 10:20 | Hall 1

SCIENTIFIC SESSION

EDUCATIONAL MODELS

Moderator: *Sarah Wright, Australia*

Simulation educational philosophies, *David Grant, UK*

Simulation training - from competence to building capability, *Sarah Wright, Australia*

Hocus- pocus - how do we ensure competency for point of care skills, *Jonny Wilkinson, UK*

Models of teaching we tested during the pandemic and their use in the future of Pediatric Critical Care education, *Briseida Mema, Canada*

09:00 – 10:20 | Hall 2

SCIENTIFIC SESSION

QUALITY AND SAFETY

Moderator: *Rik De Decker, South Africa*

Managing critically ill or injured children by remote - telemedicine approaches, *Tina Kendrick, Australia*

Quality and safety in critical care, *Elizabeth Molyneux, UK*

Dealing with disasters, *Gail Annich, Canada*

Risk assessment - lessons from the mountains, *Rik De Decker, South Africa*



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SCIENTIFIC SESSION

LIVER / GIT

Moderator: *Chengsi Ong, Singapore*

Should we revise energy estimation equations?, *Chengsi Ong, Singapore*

The role of liver transplantation in acute liver failure, *Khalid Shariff, UK*

Short gut syndrome - how short can you go?, *Ingo Jester, UK*

The gut microbiome - what does it mean and does it really matter?, *Lauren Sorce, USA*

09:00 – 10:20 | Hall 4

SCIENTIFIC SESSION

GLOBAL PICU PERSPECTIVES 1

Moderator: *Charlyne Kilba, Ghana*

Developing PICU in Ghana - are we crazy?, *Charlyne Kilba, Ghana*

Balancing "Western" and traditional medicine in the PICU, *Michael Canarie, USA*

Oxygen monitoring and provision in LICs, *Trevor Duke, Australia*

Management of envenomation in resource-limited settings, *Hans-Joerg Lang, Germany*

09:00 – 10:20 | Hall 5

SCIENTIFIC SESSION

SEPSIS 2

Moderator: *Swee Fong Tang, Malaysia*

Paediatric sepsis - A global perspective, *Niranjan Kissoon, Canada*

DNA viremia in sepsis, *Mark Hall, USA*

Fungal sepsis in PICU, *Sainath Raman, Australia*

Tropical infectious diseases in PICU, *Swee Fong Tang, Malaysia*

10:20 – 10:45 | BREAK

10:45 – 11:30 | Hall 1

ORAL ABSTRACT PRESENTATIONS

WORKFORCE AND EDUCATION

Moderators: *Intikhab Zafurallah, UK*

Louise Kelly, UK

Physiotherapists' decision-making on paediatric intensive care: Processes and Influencers, *Emma Shkurka, UK*

Design and implementation of a cognitive aide-memoire for those caring for critically sick children, *Gemma Burdis, UK*

Introduction of Wellbeing Champions in a Paediatric High Dependency Unit (HDU), *Lekha Sridhar, UK*

Exploring and supporting the process of professional identity formation of critical care clinicians through medical humanities, *Catherine Proulx, Canada*



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ORAL ABSTRACT PRESENTATIONS

THE LUNG pARDS

Moderator: *Yolanda López-Fernández, Spain*

Prevalence of Paediatric Acute Respiratory Distress Syndrome (pARDS) in a tertiary academic paediatric intensive care unit (PICU) in South Africa, *Eleonora Lozano Ray, South Africa*
 Dynamic Mechanical Power, Normalised Mechanical Power to body weight, Mechanical Energy and Dynamic driving pressure in pediatric acute respiratory distress syndrome, *Farhan A Rashid Shaikh, India*
 Comparison of global and regional compliance-guided PEEP titration on regional lung ventilation in moderate-to-severe pediatric acute respiratory distress syndrome, *Long Xiang, China*
 Mechanical power normalized to respiratory system compliance correlates better with 28-day ventilator free days than mechanical power normalized to body weight in children, *Yukie Ito, Japan*

10:45 – 11:30 | Hall 3

ORAL ABSTRACT PRESENTATIONS

COVID AND MiSC-C

Moderator: *Ann-Marie Brown, USA*

Predictive Factors for PICU Admission in Patients with MIS-C, *Aashish Abraham, USA*
 Clinico-laboratory profile, intensive care needs and short-term outcome of Multisystem Inflammatory Syndrome in Children (MIS-C): Experience during first and second waves from India, *Vijay Kumar, India*
 Pediatric COVID-19 Mortality: Two-sided Challenges from Health Resource Disparity, *Eva Miranda Marwali, Indonesia*
 Four months physical, psychosocial, and neurocognitive follow-up of Multisystemic Inflammatory Syndrome in Children (MIS-C) after PICU admission: a national prospective cohort study, *Marieke Otten, Netherlands*
 Critical Progression, Risk Factors and Survival in MIS-C: amazon experience, *Emmerson C. F. De Farias, Brazil*

10:45 – 11:30 | Hall 4

ORAL ABSTRACT PRESENTATIONS

GLOBAL HEALTH 1

Moderator: *John Appiah, Ghana*

Factors associated with discharge against medical advice among children treated for suspected or proven infections at Ugandan hospitals, *Rishika Bose, Canada*
 Identifying critically ill children at risk of dying during hospital admission in Malawi: Prognostic accuracy of a modified qSOFA score for low-resource settings, *Roxanne Assies, Netherlands*
 Where there is no paediatric intensivist: Building critical care capacity and implementing a pandemic response team in Guyana, *Marisa Seepersaud, Guyana*
 Essential emergency and critical care and O2-supply in low resource settings from an energy perspective, *Walter Commerell, Germany*
 Geographic Variation of the Childhood Opportunity Index Among Hospitalized Children: A Multicenter, Retrospective Cohort Study, *Anjali Garg, USA*

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ORAL ABSTRACT PRESENTATIONS

CLINICAL SCORES, TOOLS AND ALGO

Moderator: *Lincoln Solomon, South Africa*

Online rapid access intelligent algorithms guiding treatment of critically ill children in general hospitals awaiting intensive care retrieval: Bridging the gap between APLS and PICU, *Thomas Peros, Netherlands*

Validation of a Clinical tool to Predict Favorable Neurological Outcomes in Critically Ill Children – a Prospective Cohort Study, *Kumar Himanshu Bhadani, India*

Validation of Pediatric Organ Dysfunction Scores in Children with Bloodculture Proven Infection – a National Prospective Cohort Study, *Luregn J. Schlappbach, Switzerland*

Identifying clinical symptom profiles for sepsis in children screened for sepsis on admission to the Emergency Department, *Patricia Gilholm, Australia*

Effectiveness of withdrawal management algorithms in pediatric intensive care: A systematic review and meta-analysis, *Ibo Macdonald, Switzerland*

11:30 – 12:00 | Hall 1

PLENARY 4

INDIVIDUALISED CARE IN THE PICU

Moderator: *Sarah Wright, Australia*

Speaker: *Anne-Sylvie Ramelet, Switzerland*

12:00 – 12:30 | Hall 1

PLENARY 5

HOW DO WE MAKE DIVERSE (PICC) TEAMS WORK

Moderator: *Lauren Sorce, USA*

Speaker: *Peter Laussen, USA*

12:30 – 14:00 | LUNCH BREAK

13:00 – 14:00 | Hall 1

AHPs SESSION

LESSONS LEARNT IN THE LAST 2 YEARS

Moderator: *Brenda Morrow, South Africa*

Discussants: *Weiwei Tan, Singapore*

Luise Marino, UK

Victor Grazette, USA

Tessa Fulton, Australia

Cintia Johnston, Brazil



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13:00 – 13:45 | Hall 2

INDUSTRY SYMPOSIUM

14:00 – 15:20 | Hall 1

SCIENTIFIC SESSION

SEDATION / ANALGESIA

Moderator: *Maureen Madden, USA*

What's new in analgesia and sedation? *Sapna Kudchadkar, USA*

Non-pharmacological approach to pain and distress, *Mallory Perry, USA*

Lived experiences of patients and caregivers with PICU Delirium, *Jasmin Moradi, Canada*

Preventing and treating delirium in PICU, *Deborah Long, Australia*

14:00 – 15:20 | Hall 2

SCIENTIFIC SESSION

THE HEART – OPTIMISING PERI-OPERATIVE CARE

Moderator: *Liesl Zuhlke, South Africa*

Perioperative planning for early extubation, *Sandra Staveski, USA*

Recognition and management of post-operation arrhythmias, *Vinay Bhole, UK*

Nutritional considerations for the cardiac surgical patient - preparing for surgery, *Luise Marino, UK*

Optimising peri-operative cardiac care: the role of registries and benchmarking, *Liesl Zuhlke, South Africa*

14:00 – 15:20 | Hall 3

SCIENTIFIC SESSION

SURVIVE AND THRIVE – ICU OUTCOMES

Moderator: *Jane Booth, South Africa*

Life beyond PICU, is it ever the same?, *Joseph Manning, UK*

Transitioning from acute critically ill to long-term technology dependent care at home, *Jane Booth, South Africa*

PICU outcomes - what to measure and how?, *Aline Maddux, USA*

Sleep and circadian rhythm - what mothers struggle with at home post ICU, *Lauren Sorce, USA*

14:00 – 15:20 | Hall 4

SCIENTIFIC SESSION

CARING FOR THE CARERS 1

Moderator: *Roxanne Kirsch, Canada*

The effect of staff conflict on patient outcomes and how to resolve it, *Erin Paquette, USA*

Moral distress - withdrawal and withholding life-sustaining treatments, *Roxanne Kirsch, Canada*

Wellness is more than absence of burnout, *Rachael Morrison, UK*

Imposter syndrome and beyond, *Gillian Colville, UK*



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14:00 – 15:20 | Hall 5

SCIENTIFIC SESSION
THE LUNGS 2

Moderator: *Manu Sundaram, Qatar*

NIV and HFNC - helpful or harmful ? - LMIC considerations, *Manu Sundaram, Qatar*
NIV/HFNC - has it helped us? - HIC considerations, *Natalie Napolitano, USA*
Drug delivery to the lungs, *Christopher Newth, USA*

15:20 – 15:45 | BREAK

15:45 – 17:00 | Hall 1

PERSPECTIVES / DISCUSSION SESSION
IMPACT OF COVID-19 ON PEDIATRIC CRITICAL CARE

Moderator: *Mignon McCulloch, South Africa*

Challenges in Patients related to COVID pandemic, *Srinivas Murthy, Canada*
Challenges in staff related to COVID pandemic related to all levels of staff, *Elizabeth Broden, USA*
Challenges to new variants and other miscellaneous COVID issues, *Mignon McCulloch, South Africa*

15:45 – 17:00 | Hall 2

DISCUSSION SESSION
MAKING THE PICU WORK FOR THE ONCOLOGY PATIENT?

Moderator: *Asya Agulnik, USA*

Life-Supporting Therapies, *Reut Kassif Lerner, Israel*
PEWS, *Sherry Johnson, USA*
NIV, *Asya Agulnik, USA*
End-of-Life Care and Ethics, *Alan Davidson, South Africa*
Sepsis, *Dilane Sangaran, UK*

15:45 – 17:00 | Hall 3

DISCUSSION SESSION
HOW DO WE DEFINE THE ROLE FOR THE ICU TEAM IN POST-DISCHARGE CARE?

Moderator: *Karen Choong, Canada*

Discussants: *Debbie Long, Australia*
Joseph Manning, UK
Aline Maddux, USA
Robert Graham, USA



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15:45 – 17:00 | Hall 4

DISCUSSION SESSION

RESEARCH CONSORTIUM MULTICENTER PICU RESEARCH AND RESEARCH IN LMIC

Moderators: *Ira Cheifetz*
Lauren Sorce, USA

Discussants: *Sainath Raman, Australia*
Hari Krishnan Kanthimathinathan, UK
Jan Hau Lee, Singapore
Mavilde Pedreira, Brazil
Anupama Yerra, India

15:45 – 17:00 | Hall 5

DISCUSSION / DEBATE SESSION

INTERDISCIPLINARY TEAM FUNCTIONING TO OPTIMISE COMFORT AND SAFETY

Moderator: *Rhian Isaac, UK*

Early mobilisation/ rehabilitation practices using interdisciplinary collaboration to optimise patient comfort and safety,

Alexandra Ferguson, Australia

Interdisciplinary Collaboration in Analgosedation Practices In and Out of PICU, *Rhian Isaac, UK*

Infection prevention and control practices, *Manjinder Kaur, India*

Roberta Castro, Brazil

Creative support and collaboration to keep the whole child in mind, *Louise Miles, Australia*



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07:30 - 08:45 | Hall 1

SUNRISE SESSION

MAKING BEST USE OF LIMITED RESOURCE TO OPTIMISE QUALITY AND SAFETY

Moderator: *Hadi Mohseni-bod, Canada*

What are our challenges in stopping "futile" and/or "heroic" treatments when there is no hope for a good recovery? How have we been able to tackle those challenges? What has worked for us? *John Appiah, Ghana*

How managers and leaders at tertiary healthcare centres in LMIC countries that host visiting international medical/surgical teams often, could ascertain / audit ongoing and sustainable quality of care and patient safety of these missions? How the visiting teams could contribute to these efforts? *Marissa Seepersaud, Guyana*

Delivery of quality in resource poor settings, *Soonu Udani, India*

Introducing Complexity into the care of the critically ill children in resource-limited settings; intervention studies in LMIC countries and comparing the outcomes with the "usual care"; the fine print about quality of care and what really matters, *Hadi Mohseni-bod, Canada*

Early mobility in the PICU in under-resourced settings, and how it leads to improvement in the quality and safety of patient care in our setting; a Ugandan perspective, *Idah Sendagala, Uganda*

07:30 - 08:45 | Hall 2

CASES OVER COFFEE

RENAL + CARDIAC

Moderators: *Mignon McCulloch, South Africa*
Intikhab Zafurallah, UK

Just a small ventricular septal defect, *Andrea Pisesky, Canada*

Heartbreaking Hemorrhage: Neurogenic cardiomyopathy in a pediatric patient with intracranial hemorrhage, *Anna Grindy, USA*

Salmonella typhi induced Haemolytic Uremic Syndrome with Rhabdomyolysis, *Josephine Jim, UK*

Neonatal Cardiac Failure – 'Beyond the Paradigm', *Kathryn Holliday, UK*

Nephrogenic diabetes insipidus with new onset diabetic ketoacidosis in a child- challenges in fluid and electrolyte management, *Yu-shan Tseng, USA*

07:30 - 08:45 | Hall 3

SUNRISE SESSION

INNOVATION IN PAEDIATRIC CRITICAL CARE – A GLOBAL PERSPECTIVE

Moderator: *Andrew Argent, South Africa*

Discussants: *Mark Ansermino, Canada*
Data Santorino, Uganda
Sudesh Sivarasu, South Africa
Briseyda Morales
Traci Wolbrink, UK



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CASES OVER COFFEE
MISCELLANEOUS

Moderator: *Fenny Shidhika, Namibia*

To Bleed or not to Bleed: A Case Presentation on Dieulafoy Lesions, *Anja Greaves, Barbados*
Bronchopulmonary infection by *Lophomonas blattarum* in a pediatric patient with cancer: First report in Mexico, *Jose Miguel Mijares Tobias, Mexico*
The Tale of the Swollen Boy, *Kim Alicia Morris, Barbados*
Myositis - Myasthenia Gravis Overlap Syndrome: A rare pediatric case, *Melissa Pavelack, USA*

07:30 - 08:45 | Hall 5

SUNRISE SESSION
CLINICAL USE OF LUNG ULTRASOUND FOR PHYSIOTHERAPY

Moderator: *Georgie Pizimolas, Australia*

Discussants: *Cameron Greenland, Australia*
Georgie Pizimolas, Australia

08:45- 09:00 | BREAK

09:00 - 10:20 | Hall 1

SCIENTIFIC SESSION
ECMO

Moderator: *Matteo Di Nardo, Italy*

ECMO for cardiac arrest, *Tim Jones, UK*
Anticoagulation controversies, *Gail Annich, Canada*
Pharmacology considerations, *Michele Cree, Australia*
ECMO in COVID-19 and global outcomes, *Matteo Di Nardo, Italy*

09:00 - 10:20 | Hall 2

SCIENTIFIC SESSION
FAMILY CARE

Moderator: *Gillian Colville, UK*

'Footprints for Sam', *Melissa Platt, South Africa*
Parental and family mental health/wellness - who's responsibility are they?, *Gillian Colville, UK*
What is happening in the home? -How to prevent readmissions related to social determinants of health, *Loretta Scaini-Clarke, Australia*
Managing anxiety in families and children with repeat PCU admissions, *Teresa Campbell, New Zealand*

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SCIENTIFIC SESSION

COMBINED ORGAN SYSTEMS

Moderator: *David Kloeck, South Africa*

Burden of paediatric trauma across the globe, *Shruti Agrawal, UK*

Gun violence in children, *Sebastian Van As, South Africa*

Burns in children, *David Kloeck, South Africa*

Rehabilitation after severe trauma, *Brenda Morrow, South Africa*

09:00 - 10:20 | Hall 4

SCIENTIFIC SESSION

PHARMACOLOGY - DRUG THERAPY IN THE PICU

Moderator: *Michaela Waak, Australia*

Genetic diversity and pharmacotherapy, *Collet Dandara, South Africa*

Best practice management of seizures and status epilepticus in PICU- global approach, *Michaela Waak, Australia*

What drugs are available to support the heart across the world?, *Parvathi Iyer, India*

09:00 - 10:20 | Hall 5

SCIENTIFIC SESSION

END OF LIFE CARE

Moderator: *Satoshi Nakagawa, Japan*

Withdrawing and with-holding life-sustaining therapy - ethical and practical considerations, *Fiona Miles, New Zealand*

Determining brain death - criteria and considerations, *Matthew Kirschen, USA*

Barriers to organ procurement, *Omer Aziz, UK*

Living-related organ donation - providing support when it doesn't work, *Satoshi Nakagawa, Japan*

10:20 - 10:45 | BREAK

10:45 - 11:30 | Hall 1

ORAL ABSTRACT PRESENTATIONS

GLOBAL HEALTH 2

Moderator: *Charlyne Kilba, Ghana*

Identifying Foundational Topics for Inclusion in a Pediatric Critical Care Curriculum for Resource-Limited Settings via a Delphi Study, *Mary Lihinie Dealmeida, USA*

Ten Years and Three Countries, Building Sustainable Low Middle-Income Country Pediatric Critical Care Medicine Capacity with High Yield Pedagogy (2011-2021), *Sean G. Smith, USA*

The Global Impact of #PedsICU - a Hashtag Analysis, *Sean S. Barnes, USA*

The unmet demand for critical care at a quaternary paediatric intensive care in South Africa: a study with hope, *Emma Clarence, South Africa*



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ORAL ABSTRACT PRESENTATIONS THE HEART

Moderator: *Jacqueline Ong, Singapore*

Interdisciplinary assessment of quality of Dying and Death in a Pediatric Cardiac Intensive Care Unit during the COVID-19 Pandemic, *Katie M. Moynihan, USA*

Restrictive vs. Standard transfusion strategy for pediatric cardiac extracorporeal life support patients: single center retrospective cohort study, *Andres Garcia Guerra, Canada*

Effect of red blood cell storage time in pediatric cardiac surgical patients: a subgroup analysis of the ABC-PICU randomized controlled trial, *Sophie M Martin, Canada*

Monitoring reintubation rates following in-theatre extubation after congenital cardiac surgery, *Swaroop Arghode, UK*

10:45 – 11:30 | Hall 3

ORAL ABSTRACT PRESENTATIONS COMBINED ORGAN DYSFUNCTION

Moderator: *Arun Bansal, India*

Organ Dysfunction and Complex Chronic Conditions in Critically Ill Children, *Crystal Chacko, USA*

Pediatric Outcomes on Extracorporeal Membrane Oxygenation According to Social Determinants of Health: A Single Center Experience, *Faraz Alizadeh, USA*

Progressive Multiorgan Organ Dysfunction in Pediatric Continuous Renal Replacement Therapy Patients, *Sameer Thadani, USA*

KidsBrainIT: Intracranial Hypertension Dose Response and Outcome in Childhood Brain Trauma, *Tsz Yan M Lo, UK*

The incidence of missed organ donation opportunities in Pediatric Intensive Care Unit (PICU) in Saudi Arabia, *Yasser Mohammed Kazzaz, Saudi Arabia*

10:45 – 11:30 | Hall 4

ORAL ABSTRACT PRESENTATIONS REHAB COMFORT

Moderator: *Cintia Johnston, Brazil*

Pain and sedation management and monitoring in pediatric intensive care units across Europe: an ESPNIC survey, *Marco Daverio, Italy*

Early Mobilization in the Pediatric Intensive Care Unit – A Single Center Experience, *Liying Yang, Singapore*

Early Rehabilitation in Critically ill Children – a multi-site Implementation Study, *Karen Li Mei Choong, Canada*

Physical Rehabilitation in Brazilian Pediatric Intensive Care Units: A multicenter point prevalence study, *José Colleti Junior, Brazil*

Targeting zero medication administration errors in pediatric intensive care unit: A quality improvement project, *Hamza Alali, Saudi Arabia*



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ORAL ABSTRACT PRESENTATIONS
POST PICU OUTCOMES

Moderator: *Alexandra Ferguson, Australia*

A two-year review of functional outcomes at PICU discharge in haemato-oncology children at a tertiary oncology centre in Hong Kong, *Karen Ka Yan Leung, Hong Kong*

A Core Outcome Measures Set for Pediatric Critical Care, *Neethi P. Pinto, USA*

The Caring Intensively Study: Exploring Family Members' Perceptions of Psychological Outcomes 3-Years Following PICU Hospitalization, *Janet E. Rennick, Canada*

Educational outcomes of childhood survivors of critical illness – a population-based linkage study, *Luregn J. Schlapbach, Switzerland*

Incidence of New Morbidity based on Functional Status Scale in children on discharge from Pediatric Intensive Care Unit of a low middle income country, *Shoaib Bhatti, Pakistan*

11:30 – 12:00 | Hall 1

PLENARY 6

CLIMATE CHANGE, HEALTH AND THE FUTURE FOR OUR CHILDREN

Moderator: *Anna Gunz, Canada*

Speakers: *Anthony Costello, UK*
Marina Romanello, UK

12:00 – 12:30 | Hall 1

PLENARY 7

THE PLACE FOR PAEDIATRIC CRITICAL CARE IN AFRICA

Moderator: *Satoshi Nakagawa, Japan*

Speaker: *Andrew Argent, South Africa*

12:30 – 14:00 | LUNCH BREAK

14:00 – 15:20 | Hall 1

SCIENTIFIC SESSION

GLOBAL PICU PERSPECTIVES: IMPROVISATIONAL TECHNOLOGIES FOR IMPLEMENTING PICU CARE IN LICs

Moderator: *Peter Nourse, South Africa*

Oxygen delivery, *Sebastian Gonzalez-Dambrauskas, Uruguay*

Dialysis, *Peter Nourse, South Africa*

Cardiac support: Getting fluid decisions right, *Suchitra Ranjit, India*

Diagnosis and monitoring, *Roberto Jabornisky, Argentina*

Nutrition support, *Jorge Antonio Coss-Bu, USA*



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SCIENTIFIC SESSION

CARING FOR THE CARERS 2

Moderator: *Andrew Bush, UK*

Nurturing and growing PICU leadership, *Elaine Gilfoyle, Canada*

Human factors in PICU - physical, emotional, cognitive, *Deanna Behrens, USA*

Dealing with public antagonism and violence, *Andrew Bush, UK*

14:00 – 15:20 | Hall 3

SCIENTIFIC SESSION

THE KIDNEY 2

Moderator: *Mignon McCulloch, South Africa*

Conservative management of AKI, *Beatrice Nyann, Ghana*

What is the ideal CRRT in the PICU setting?, *Kevin Plumpton, Australia*

Renal angina, *Stuart Goldstein, USA*

Saving young lives in Africa, *Mignon McCulloch, South Africa*

14:00 – 15:20 | Hall 4

SCIENTIFIC SESSION

THE BRAIN

Moderator: *Michele Mills, USA*

Severe TBI management guidelines - where are we two years later?, *Robert Tasker, USA*

Brain injury monitoring, *Anthony Figaji, South Africa*

Non-pharmacological approach to dystonia, *Helen Mercer, UK*

Pharmacological approach to dystonia, *Michele Mills, USA*

14:00 – 15:20 | Hall 5

SCIENTIFIC SESSION

TELEMEDICINE

Moderator: *Rik De Decker, South Africa*

Remote and robotic technology for teleconsults, *Luis Landry, Argentina*

Medicolegal considerations in telemedicine- who carries patient responsibility?, *Christina Harry, Scotland*

Telemedicine procedures - the CathChat experience, *Rik De Decker, South Africa*

AI and Machine Learning for Clinical Prediction, *Tellen Bennett, USA*

15:20 – 15:45 | BREAK



#WFPICCS22



SCIENTIFIC PROGRAMME

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15:45 - 16:45 | Hall 1

CLOSING SESSION & PLENARY 8
THE CHANGING FACE OF PICC IN THE 21ST CENTURY

Moderator: *Brenda Morrow, South Africa*

Speaker: *Ann Thompson, USA*



INDUSTRY SYMPOSIUM



BIOMERIEUX INDUSTRY SYMPOSIUM

Date: July 15, 2022

Time: 13:00-13:45 (GMT +2)

Hall: Hall 2

IMPACT OF SYNDROMIC TESTING ON PEDIATRIC INFECTIOUS DISEASES

Moderator: *Jennifer LaFountain*

Speaker: *Jaime E. Fergie, MD, FAAP, FIDSA, FSHEA*

Director Infectious Diseases, Driscoll Children's Hospital

Medical Director, Global Institute for Hispanic Health

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† US-FDA cleared | **CE 2797**

Product availability varies by country.
Consult your bioMérieux representative.
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BIOMÉRIEUX



A world leader in the field of in vitro diagnostics for more than 55 years, bioMérieux is present in 44 countries and serves more than 160 countries through a large network of distributors. bioMérieux provides diagnostic solutions (systems, reagents, software and services) that determine the origin of a disease to improve the health of patients. World leader in microbiology, specialized in immunoassays and leading pioneer in the syndromic molecular approach, the Company is committed worldwide on major public health issues in the field of infectious diseases, such as antimicrobial resistance, sepsis and respiratory infections.

<https://www.biomerieux-diagnostics.com/>

JAPAN NATIONAL CENTER FOR CHILD HEALTH AND DEVELOPMENT



The hospital of the National Center for Child Health and Development (NCCHD) is the only national hospital in Japan to encompass the four areas of pediatric, perinatal, obstetric, and maternal medicine and is also the largest children's hospital in Japan. The NCCHD is an academic research organization that combines the National Research Institute for Child Health and Development, which specializes in pediatric and perinatal research, with the Center for Clinical Research and Development. The mission of the NCCHD is to safeguard the health of the next generation and to provide the best clinical practice in advanced medical care to all children and mothers.

<https://www.ncchd.go.jp/en/>

PEDIATRIC SEPSIS DATA COLABORATORY



The Pediatric Sepsis Data CoLaboratory (Sepsis CoLab), founded through a partnership between the Centre for International Child Health at BC Children's Hospital in Canada and WFPICCS, is an international data-sharing network of healthcare workers, policy makers, researchers, and advocacy partners collaborating to address the high burden of pediatric sepsis mortality and morbidity globally. This international network of individuals from 29 countries across 6 continents shares information and data to further common priorities among collaborators to improve sepsis treatments and outcomes. By facilitating partnerships to develop and validate tools for data collection and data sharing, the Sepsis CoLab enables continuous quality improvement of care in health facilities across the world.

<https://wfpiccs.org/pediatric-sepsis-colab/>



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SCCM - SOCIETY OF CRITICAL CARE MEDICINE



The Society of Critical Care Medicine (SCCM) is the largest non-profit medical organization dedicated to promoting excellence and consistency in the practice of critical care. SCCM's mission is to secure the highest-quality care for all critically ill and injured patients. With members in more than 100 countries, SCCM is the only organization that represents all professional components of the critical care team. The Society offers a variety of activities that ensure excellence in patient care, education, research, and advocacy. SCCM envisions a world in which all critically ill and injured persons receive care from an integrated team of dedicated trained intensivists and critical care specialists. Multi-professional teams use knowledge, technology, compassion to provide effective, safe, efficient, and equitable patient-centered care.

<https://www.sccm.org/Home>

WFPICCS - WORLD FEDERATION OF PEDIATRIC INTENSIVE AND CRITICAL CARE SOCIETIES



The World Federation of Pediatric Intensive and Critical Care Societies (WFPICCS) is a dynamic and vibrant global society made up of over 45 prestigious organizations representing over 10,000 pediatric and neonatal critical care physicians, nurses and allied health care workers dedicated to advocating for the care of critically ill and injured children worldwide and the wellbeing of its family. WFPICCS's mission is to advance professional knowledge, enhance skills and share best practices and provide every child the best chance for survival with an optimal quality of life.

<https://wfpiccs.org/>

EXPLORE CAPE TOWN & PICU CLINICS

3 virtual tours in Cape Town have been created specifically for WFPICCS participants:

- WFPICCS 2022 – Virtual Tour – Cape Town, The City
- WFPICCS 2022 – Virtual Tour – Kirstenbosch Gardens
- WFPICCS 2022 – Table Mountain

Generic videos of Cape Town and South Africa

- Couple videos from Cape Town & Wesgro Convention Bureau
- Couple videos from South African National Tourism Board

Videos from PICU Clinics in Africa

- Red Cross War Memorial Children's Hospital, Cape Town, South Africa
- Chris Hani Baragwanath Academic Hospital, Johannesburg, South Africa

CAPE TOWN GOES VIRTUAL

The text 'CAPE TOWN GOES VIRTUAL' is rendered in a bold, sans-serif font. The letters are primarily black, with some letters in red, green, blue, and yellow. A white crane is positioned behind the 'C' of 'CAPE'. A circular emblem with a colorful pattern and the text 'SOUTH AFRICA' is placed behind the 'O' of 'TOWN'. A protea flower is positioned behind the 'A' of 'VIRTUAL'.

wfpiccs.org/wfpiccs-2022