

Department of Paediatrics & Child Health

ANNUAL RESEARCH DAYS 2023



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Programme

Tuesday, 31st October and Wednesday, 01st November 2023

Venue: D3 Lecture Theatre, Red Cross War Memorial Children's Hospital (with livestreaming via Zoom)

<u>CPD Points for Tuesday, 31st October and Wednesday, 01st November 2023</u> Please sign <u>attendance registers</u> on both days to claim your CPD points.

PROGRAMME AND CONTENTS PAGE

Oral Presentations			ge No.			
Tuesday, 31 st October 2023						
12H15 – 12H20	Welcome	D. le Roux				
12H20 – 12H30	Opening Remarks	R. Muloiwa				
12H30 – 13H15	Keynote Address: "State of newborn care in Malawi."	K. Kawaza				
13H15 – 13H30	Questions					
Session 1: Chairperson:		D. le Roux				
13H30 – 13H45	Dialysis for Paediatric Acute Kidney Injury in Cape Town, South Africa.	M. McCulloch	6			
13H45 – 14H00	Intra-abdominal pressure measurement in children with Acute kidney injury on peritoneal dialysis.	P. Nourse	7			
14H00 – 14H30	T E A & VIRTUAL POSTER VIEWING					
Session 2: Chairperson:		S. Pillay				
14H30 – 14H45	Review of the Red Cross War Memorial Children's Hospital Paediatric Kidney Transplant Program over the last 20 years.	T. Pienaar	8			
14H45 – 15H00	Review of the Red Cross War Memorial Children's Hospital Paediatric Liver Transplant Program over the last 20 years.	T. Abdo	9			
15H00 – 15H15	Critical Pertussis infection in the paediatric intensive care unit of Red Cross War Memorial Children's Hospital: A case series in an outbreak.	H. Crichton	10			
15H15 – 15H30	Carbapenem Resistant Enterobacterales Infection and Colonization in a Paediatric Intensive Care Unit in a Middle-Income Country.	C. Procter	11			
15H30 – 15H45	Children admitted to Paediatric Intensive Care at Red Cross War Memorial Children's Hospital with Non-Accidental injuries (2012-2020): A retrospective descriptive study.	L. Bowes	12			
15H45 – 16H00	Investigating the genetics of congenital heart disease in South Africa by exome sequencing.	T. Spracklen	13			

Wednesday, 01st November 2023

Session 3: Chairperson:		A Ndondo	
08H30 – 08H45	A Systematic Scoping Review of the Use of Surfactant Replacement Therapy for Respiratory Distress Syndrome in Preterm Neonates in Resource Limited Settings.	C. Price	14
08H45 – 09H00	Incidence, aetiology and short term outcomes of extreme hyperbilirubinaemia in term infants in the West Metro area of Cape Town.	C. Coraizin	15
09H00 – 09H15	A descriptive study of the community-based follow-up and outcomes of very low birth weight babies discharged from a regional hospital.	T. de Wit	16
09H15 – 09H30	A retrospective descriptive review of children diagnosed with Henoch Schönlein purpura at Red Cross War Memorial Children's Hospital over a 5-year period (2015-2019).	M. Makhwarene	17
09H30 – 09H45	Breastfeeding experience and Practice during the Covid-19 Pandemic – A Qualitative Study.	Y. Nkanuka- Makangala	18
09H45 – 10H00	Outcomes of Acute Lymphoblastic Leukaemia at Red Cross War Memorial Children's Hospital from 2007 to 2017.	B. Chikaphonya Phiri	19
10H00 – 10H30	T E A & VIRTUAL POSTER VIEWING		
10H00 – 10H30	T E A & VIRTUAL POSTER VIEWING		
10H00 – 10H30 Session 4: Chairpe		Y. Goga	_
		Y. Goga K. Bishop	20
Session 4: Chairpe	erson: Risk factors for severe COVID-19 among children and adolescents enrolled in acute respiratory infection sentinel	·	20
Session 4: Chairpe 10H30 – 10H45	Risk factors for severe COVID-19 among children and adolescents enrolled in acute respiratory infection sentinel surveillance in South Africa, 2020-2022. Validating the WHO integrated treatment decision algorithms for pulmonary TB in high-risk children from	K. Bishop	
Session 4: Chairpe 10H30 – 10H45 10H45 – 11H00	Risk factors for severe COVID-19 among children and adolescents enrolled in acute respiratory infection sentinel surveillance in South Africa, 2020-2022. Validating the WHO integrated treatment decision algorithms for pulmonary TB in high-risk children from three African countries. Aetiology of pleural effusions diagnosed by routine culture and molecular techniques in children living in a high	K. Bishop J. Luiz	21

	technology for breathing.	J. Verstraete	25
12H00 – 13H00	L U N C H & VIRTUAL POSTER VIEWING		
Session 5: Chairperson:		C. Procter	
13H00 – 13H15	A descriptive study of vancomycin use at Red Cross War Memorial Children's Hospital, Cape Town.	L. Greybe	26
13H15 – 13H30	Differential cytokine expression in MIS-C as compared to other inflammatory conditions in a cohort study in Cape Town, South Africa.	C. Butters	27
13H30 – 13H45	Post-graduate public health teaching in the Department of Paediatrics and Child Health at the University of Cape Town: A qualitative observational study.	A. Masu	28
13H45 – 14H00	T E A & VIRTUAL POSTER VIEWING		
Session 6: Chairperson:		W. Slemming	
14H00 – 14H15	Significance of returning individual genetic research findings from NeuroDev study: Impact on clinical management, familial implications and recurrence risks.	Z. Bruwer	29
14H15 – 14H30	Characteristics of epilepsy in children with cerebral palsy seen at a tertiary paediatric hospital in Cape Town, South Africa.	T. Chimowa	30
14H30 – 15H00	Ethics Plenary – "Snakes and Ladders: the up (and down) sides of artificial intelligence in paediatric healthcare."	H. Matisonn	
15H00 – 15H30	Feedback on Research Day presentations, with Award & Research Prizes by guest judges		

Health Related Quality of Life in Children dependant on

11H45 - 12H00

(A Argent and S Kling) & Thanks and Closing Remarks (A. Vanker)