



Department of Paediatrics & Child Health

ANNUAL RESEARCH DAYS 2021



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Programme and Abstract Book

Tuesday, 09th and Wednesday, 10th November 2021

VIRTUAL MEETING (ZOOM)

CPD Points for Tuesday, 09th and Wednesday, 10th November 2021

Please complete online form on both days to claim your points. (Please note: Form to be completed twice on Wed, 10th November – once before lunch and once after lunch)

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Oral Presentations **Page No.**

Tuesday, 09th November 2021

12H15 – 12H20 *Welcome* *M. Phakeng*

12H20 – 12H30 *Opening Remarks* *R. Muloiwa*

12H30 – 13H15 Keynote Address: “*Childhood pneumonia – and the impact of Covid.*” *A. Agweyu*

Session 1: Chairperson: **D. le Roux**

13H15 – 13H30 Trends in cystic fibrosis survival over 40 years in South Africa: an observational cohort study. *M. Zampoli*

13H30 – 13H45 Infection with original SARS-CoV2 virus protects against infection with beta-variant – a prospective study of mothers and children in a South African birth cohort. *H. Zar*

13H45 – 14H00 Cytomegalovirus acquisition in infancy and the risk of tuberculosis disease in childhood: a longitudinal birth cohort in Cape Town, South Africa. *L. Martinez*

14H00 – 14H15 **T E A & POSTER VIEWING (VIRTUAL)**

Session 2 (Part One): Chairperson: **L. Zühlke**

14H15 – 14H30 MIS-C at two tertiary hospitals in Cape Town, South Africa: clinical phenotype and distinguishing features from similar acute inflammatory conditions. *C. Butters*

14H30 – 14H45 Exposures to ivermectin used for COVID-19 reported to the Poisons Information Helpline of the Western Cape. *C. Stephen*

14H45 – 15H00 Investigating the clinical characteristics of paediatric COVID-19 in Cape Town, South Africa: initial results from the University of Cape Town (UCT), Department of Paediatrics and Child Health, COVID-19 Paediatric Repository. *R. Stander (obo T. Aldersley)*

15H00 – 15H15	SARS-CoV-2 antibody phenotype and immune gene expression in MIS-C.	K. Webb
15H15 – 15H30	T E A & POSTER VIEWING (VIRTUAL)	
Session 2 (Part Two): Chairperson:		S. Salie
15H30 – 15H45	Prevalence of paediatric acute respiratory distress syndrome (pARDS) in a tertiary academic paediatric intensive care unit (PICU) in South Africa.	E. Lozano
15H45 – 16H00	A retrospective review of children started on non-invasive ventilatory support in the medical emergency unit at Red Cross Children's Hospital: a cross sectional study.	H. Buys
16H00 – 16H15	Transfusion practices among children admitted to a South African PICU following cardiac surgery.	K. Fitzwanga
16H15 – 16H30	Central venous catheter choice in gastroschisis management: balancing risk-benefit in a resource-limited setting to reduce morbidity and mortality.	E. Kruger

Wednesday, 10th November 2021

Session 3: Chairperson:		V. Norman
08H30 – 08H45	Profile of childhood hearing loss in the Western Cape Province, South Africa	S. Kuschke
08H45 – 09H00	A descriptive analysis of infections due to New Delhi Metallo- β -lactamase producing Enterobacterales in children at Red Cross War Memorial Children's Hospital.	L. Greybe
09H00 – 09H15	Vulnerable mothers' experience of feeding their preterm infant in neonatal care.	E. van Schalkwyk
09H15 – 09H30	Clinical features of paediatric HIV arthropathy.	M. Harrison
09H30 – 09H45	The feeding and swallowing impact survey (FS-IS): cross-cultural adaptation for the South African context.	C. Bestenbier
09H45 – 10H00	Characterisation and determinants of infant nasopharyngeal bacterial communities in children in a South African birth cohort.	S. Claassen-Weitz
10H00 – 10H30	T E A & POSTER VIEWING (VIRTUAL)	

Session 4: Chairperson:**P. Nourse**

10H30 – 10H45	Burden and severity of deranged electrolytes and kidney function in children seen in a tertiary hospital in Kano, Northern Nigeria.	P. Obiagwu
10H45 – 11H00	A 15-year retrospective review of urodynamic studies in children at Red Cross War Memorial Children’s Hospital (RCWMCH), Cape Town, South Africa.	T. Mosalakatane
11H00 – 11H15	Tuberculosis in paediatric kidney transplant recipients – a single centre experience.	P. Makanda-Charambira
11H15 – 11H30	Acute post streptococcal glomerulonephritis at Red Cross War Memorial Children’s Hospital (RCWMCH), Cape Town, South Africa – a five-and-half-year descriptive review.	K. Abugrain
11H30 – 12H00	Faculty Research Office Presentation – “ <i>Empowering and Supporting Research at Faculty of Health Sciences.</i> ”	L. Zühlke
12H00 – 13H00	L U N C H & POSTER VIEWING (VIRTUAL)	

Session 5: Chairperson:**A. Salloo**

13H00 – 13H15	Impact of moderate to late preterm birth on 5 year lung function in a South African birth cohort.	S. Chaya
13H15 – 13H30	Inspiratory muscle training in children with neuromuscular diseases: a cross-over randomised controlled trial.	A. Human
13H30 – 13H45	Treatment response in paediatric pulmonary tuberculosis – a prospective longitudinal study.	J. Copelyn
13H45 – 14H00	The clinical spectrum, aetiology and disease progression of children with post-infectious bronchiolitis obliterans at tertiary paediatric pulmonology service in Cape Town, South Africa.	A. Yassin
14H00 – 14H15	Class-1 CFTR mutation genotype and outcome in black African children with cystic fibrosis (CF) in South Africa (SA).	J. Verstraete
14H15 – 14H30	T E A & POSTER VIEWING (VIRTUAL)	

Session 6: Chairperson:

S. Mathews

14H30 – 14H45	Early childhood violence exposure patterns in the Drakenstein Child Health Study. (DCHS)	L. Tsunga
14H45 – 15H00	How children make meaning of sexual trauma: towards decolonised African-centered child-centric psychological interventions.	N. Titi
15H00 – 15H30	Ethics Talk – “ <i>Working Together: The ethics of doing research with children.</i> ”	L. Jamieson/C. Feinstein
15H30 – 16H00	Feedback on Research Day presentations, with Award & Research Prizes by guest judges (K Thandrayen and L Rispel) & Thanks and Closing Remarks (K Donald)	

Poster Presentations

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- VALIDATING RAPID POINT-OF-CARE STREP A TEST ACCURACY IN SUB-SAHARAN AFRICA: PILOT RESULTS FROM TWO SITES. J. Abrams, L. Telford, K. Engel, R. Daniels, E. Okello, A. Beaton, M.E. Engel, L.J. Zühlke
- ADVERSE OUTCOMES OF FEBRILE NEUTROPAENIA AND VALIDATION OF A RISK SCORE IN ONCOLOGY PATIENTS ON CHEMOTHERAPY AT THE RED CROSS WAR MEMORIAL CHILDREN’S HOSPITAL: A THREE YEAR RETROSPECTIVE STUDY. M. Adekunle, A. Davidson, M. Hendricks
- THE BURDEN OF HUMAN CORONAVIRUS INFECTION IN CHILDREN HOSPITALISED WITH SEVERE LOWER RESPIRATORY TRACT INFECTION IN CAPE TOWN, SOUTH AFRICA (2012 – 2013). A.S. Aliyu, A.N. Masu, B.M. Kagina, R. Muloiwa
- PERFORMANCE OF THE EQ-5D-Y-3L INTERVIEWER ADMINISTERED VERSION IN YOUNG CHILDREN AGED 5-7-YEARS. R. Amien (Presenter)
- STREAMLINING REFERRAL DECISIONS FOR CHILDHOOD POISONING: EXPERIENCES FROM A TERTIARY CHILDREN’S HOSPITAL IN CAPE TOWN, SOUTH AFRICA. K. Balme, C. Stephen
- RENOGAM IMAGE CHARACTERISTICS AND THE REPRODUCIBILITY OF DIFFERENTIAL RENAL FUNCTION MEASUREMENT. A. Brink, M. Levin, E. Libhaber, M.D. Mann

- OSTEOSARCOMA OUTCOMES FOR PATIENTS DIAGNOSED AT RED CROSS WAR MEMORIAL CHILDREN'S HOSPITAL (RCWMCH): 1995-2017. H. De Quintal, *A. Davidson, M. Hendricks, B. Morrow*
- IN-HOSPITAL NEONATAL MORTALITY IN A LEVEL-TWO HOSPITAL IN CAPE TOWN, SOUTH AFRICA. C. Gabriels, *D.M. le Roux*
- STRENGTHENING ANTIBIOTIC STEWARDSHIP AT THE NEONATAL UNIT OF MOWBRARY MATERNITY HOSPITAL. M. Mkony (*Presenter*)
- THE CHARACTERIZATION OF LOWE SYNDROME IN A SOUTH AFRICAN FAMILY. *R. Sulaiman-Baradien, C. Spencer, G. Agenbag, A. Wonkam*
- BRONCHIOLITIS OBLITERANS ORGANISING PNEUMONIA IN A YOUNG CHILD ASSOCIATED WITH RESPIRATORY SYNCYTIAL VIRUS: A CASE REPORT. N. Washaya, *S. Singh, K. Pillay, M. Zampoli*