



Wednesday, 27 July 2022

Times in Eastern Daylight Time (EDT)

Opening Session

- 08:00 **Opening Words**
Elaine Abrams, MD
 Columbia University, United States
Lynne Mofenson, MD
 Elizabeth Glaser Pediatric AIDS Foundation, United States
- 08:15 **Social Opening from Local Co-Chairs**
Fatima Kakkar, MD, MPH, FRCPC
 CHU Sainte-Justine / Université de Montréal, Canada
Jason Brophy, MD, MSc, DTM, FRCPC
 Children's Hospital of Eastern Ontario, Canada

Session 1 Global Update on Pediatric HIV

Chair: Elaine Abrams

- 08:30 **2022 Update on the HIV Epidemic in Infants, Children, Adolescents, and Women**
Mary Mahy, ScD, MHSc
 UNAIDS, Switzerland
- 08:45 **What's on the Horizon Post-2021 Guidelines**
Martina Penazzato, MD, MSc, PhD
 WHO, Switzerland
- 09:00 **Discussion**

Session 2 Pediatric Care and Treatment

Chair: Fatima Kakkar

- 09:15 **Innovations in Long-Acting New ARVs and Drug Formulations/Delivery Devices for Children**
Keerti Gedela, FRCP, MSc, DTM&H
 Chelsea & Westminster NHS Foundation trust / Imperial College London, United Kingdom
- 09:40 **Discussion**
- 09:50 **Potential for Pediatric HIV Cure: Clinical Research Update**
Deborah Persaud, MD
 Johns Hopkins Bloomberg School of Public Health, United States
- 10:15 **Discussion**

10:20 Break

Oral Abstract Presentations

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| 10:50 | First Pharmacokinetic Data of Dolutegravir in Combination With a TAF Containing Backbone in Children Living with HIV | Lisanne Bevers | #1 |
| 11:05 | One Year Outcome of Bictegravir/Emtricitabine/Tenofovir Alafenamide (B/F/TAF) in Virologically Suppressed Children ≥ 2 Years Weighing 14 to < 25kg | Carina A. Rodriguez | #2 |
| 11:20 | Weight Changes After Initiation of an Integrase Strand Transfer Inhibitor Among Adolescents and Young Adults With Perinatal HIV in the United States: A Descriptive Cohort Study | Kunjal Patel | #3 |
| 11:35 | The Fast and the Continuous: Dolutegravir-Based Antiretroviral Therapy Achieves Impressive Viral Load Suppression in CALHIV in the Short- and Long-Term | Jason Bacha | #4 |



11:50 **Challenges in Diagnosis and Treatment of Cancer in Children and Adolescents, Including Those Living with HIV, in Africa**

Lorna Awo Renner, MBChB, MPH, FRCPC, FGCPS

University of Ghana Medical School, Ghana

12:15 **Discussion**

12:20 **Global Alliance to End AIDS in Children by 2030 – Introducing a New Global Strategic Initiative**

Chewe Luo, MD, PhD

UNICEF, United States

Meg Doherty, MD, PhD

WHO, Switzerland

12:30 Poster Viewing Even Poster Numbers

13:15 Lunch

Session 3 **Comorbidities/Co-Infections**

Chair: Sharon Nachman

14:30 **Complexities and Successes in Prevention, Diagnosis, and Treatment of Tuberculosis in Children and Adolescents in Haiti**

Vanessa Rouzier, MD

GHEKIO Centers, Haiti and Weill Cornell Center for Global Health, Haiti

14:55 **Discussion**

Oral Abstract Presentations

15:00	Age-Related Non-communicable Diseases and Organ System Impairment in Adolescents and Young Adults Living With Perinatal HIV in Thailand	Supattra Rungmaitree	#5
15:15	Incidence of SARS-CoV-2 Infection and Clinical Characteristics in Children and Young People Living With HIV in Europe	Elizabeth Chappell	#6
15:30	Hospitalisation Patterns Among Infants With HIV in the Era of Universal Antiretroviral Therapy in South Africa	Kim Anderson	#7
15:45	A Longitudinal Assessment of the Impact of Antiretroviral Therapy and HIV-1 Associated Inflammation on Neurocognitive Outcomes in Perinatally Infected (PHIV) Children in South Africa	Shalena Naidoo	#8
16:00	Subcortical Brain Volumes of Children Who Are HIV-Exposed and Uninfected in the First Three Years of Life: A South African Birth Cohort Study	Catherine Wedderburn	#9

16:15 Break

16:45 **Clinical Case Presentations with Panel**

Chair Moherndran Archary

Short Oral Poster Presentations

17:30	Optimizing ART for CALHIV by Shifting PI-based ART to Dolutegravir-based ART Maintained and Achieved Viral Load Suppression	Jason Bacha	#21
17:35	Transition to Dolutegravir (DTG)-based ART is Associated With Sex and Viral Load Access in a Prospective Cohort of West-African Children and Adolescents Living With HIV	Sophie Desmonde	#22
17:40	Expedited Development and Registration Resulting in Successful Uptake of Generic, Pediatric Dolutegravir Products for Low- And Middle-Income Countries Through an Innovative Public-Private Partnership	Margaret Louey	#23
17:45	Congenital Cytomegalovirus (cCMV) Infection Among Children Exposed to HIV in Utero in the CMIS Montréal Cohort	Fatima Kakkar	#24

17:50 **Discussion**



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Session 4 Prevention of New Pediatric HIV Infections (and Improving Maternal Health)
Chair: *Thanyawee Puthanakit*

08:00 **Panel Discussion: Prevention of Vertical HIV Transmission and Ensuring Maternal Health in Sub-Saharan Africa in the Era of COVID-19: Challenges and Opportunities**
Moderator Nadia Sam-Agudu, MD, CTropMed

Angela Mushavi, MBChB, MMed

Ministry of Health and Child Care, Zimbabwe

Aleny Couto, MD

Ministry of Health of Mozambique, Mozambique

Ameena Goga, MD, MS, PhD

SAMRC, South Africa

Oral Abstract Presentations

08:45	Cost-Effectiveness of Broadly Neutralizing Antibodies for HIV Prophylaxis for All Infants Born in High-Burden Settings	Christopher Alba	#10
09:00	Combination Adherence Support for HIV Pre-exposure Prophylaxis (PrEP) During Pregnancy in Malawi: A Pilot Randomized Trial	Friday Saidi	#11
09:15	Association of Prenatal Prep Exposure With Neurodevelopmental and Growth Outcomes Beyond 24 Months Among Kenyan Children	Lauren Gomez	#12
09:30	Mbereko+Men - Partners for PMTCT! Impact of a Gender-Synchronized Community-Based Intervention on Maternal Mental Health and Care-Seeking in Rural Zimbabwe	Karen Webb	#13
09:45	Optimizing Diagnostic Technologies for Pediatric HIV- Function or Location? Modeling Analysis of Point-of-Care Technologies in Matabeleland South, Zimbabwe	Clare Flanagan	#14
10:00	Long-Term Risk of Hospitalization and Chronic Disease Among Children Who Were HIV Exposed and Uninfected (CHEU) Compared to Population Controls in Montreal, Canada	Fatima Kakkar	#15

10:15 Break

10:45 New Directions in Infant Postnatal Antiretroviral Prophylaxis and Treatment

Tim Cressey, MSc, PhD

Chiang Mai University, Thailand

11:10 **Discussion**

Short Oral Poster Presentations

11:15	Low Birth Weight Among Infants Born to Women Living with HIV and HIV-Uninfected Women at CA-IeDEA Sites in Rwanda	Natalia Zotova	#25
11:20	Cognitive Functioning of Children HIV-Exposed, Uninfected: Preliminary Outcomes and Risk Factors	Julia Young	#26
11:25	Association Between Caregivers Depression With Adherence and Viral Suppression Among HIV Infected Children Aged < 10 Years on Follow up at Kenyatta National Hospital in Kenya.	Agatha Kihii	#27
11:30	The Impact of ART History Prior to Pregnancy on Postpartum Gaps in HIV Care Among Women Living With HIV in Khayelitsha, South Africa	Renee de Waal	#28
11:35	Changes in Bone Turnover Markers After Delivery in Breastfeeding Mothers With and Without ART	Kristin Baltrusaitis	#29
11:40	Discussion		



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11:50 Poster Viewing Odd Poster Numbers

12:25 Lunch

Session 5 **Adolescents and Young Adults** Chair: Natella Rakhmanina

13:15 **DEBATE: DTG Transition: a Switch to DTG Must be Accompanied by Change in NRTI Backbone in Children**

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Anna Turkova, MD

Imperial College Healthcare Trust, United Kingdom

Con

Eleanor Namusoke-Magongo, MD, MBChB, MMed

Ministry of Health, Uganda

Oral Abstract Presentations

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| 14:00 | National Implementation of the Validated HIV Testing Eligibility Screening Tool and Expansion of Index Testing to Improve Identification of Children and Adolescents Living With HIV in Uganda in 2021 | David Mbirizi | #16 |
| 14:15 | Comparative HIV Risk Screening Tool (HRST) Performance of a Validated and Alternative Optimized HRSTs for Children and Adolescents in Uganda, Tanzania, and Malawi: A Pooled Analysis | Rhoderick Machezano | #17 |
| 14:30 | Adding to the HIV Testing Services Toolkit! Caregiver-Assisted Oral HIV Screening of Children 18 Months – 14 Years in Uganda and Zambia | Carl Stecker | #18 |
| 14:45 | Viral Load Coverage Among Children Living with HIV Under Five Years of Age in USAID-Supported Health Facilities in Eleven High-Burden Countries, 2019-2021 | Kimberly Frost | #19 |
| 15:00 | Reciprocal Relationships Between Beliefs About Condoms and Condomless Anal Sex Among YMSM Prescribed PrEP | Andrew Barnett | #20 |

15:15 Break

Chair: Nadia Sam-Agudu

15:45 **Social Determinants of Health and HIV Infection in Youth in High and Low Resource Settings**

Carmen Logie, MSW, PhD

Global Health Equity & Social Justice with Marginalized Populations / University of Toronto / United Nations University Institute for Water, Canada

16:10 **Discussion**

16:20 **Panel Discussion - Youth's Experiences of What Works to Optimize HIV Care and Improve Quality of Life**

Introduction - Jason Brophy, Moderator - Muluba Habanyama

17:05 **Closing Performance - Makhena Rankin-Guérin, Anishinaabe Indigenous Hoop Dancer**

17:20 **Early-Career Investigators Best Oral and Poster Awards and Closing Remarks**

Elaine Abrams, MD

Columbia University, United States

Lynne Mofenson, MD

Elizabeth Glaser Pediatric AIDS Foundation, United States

Fatima Kakkar, MD, MPH, FRCPC

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