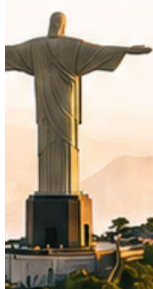


The 26th International AIDS Conference

 **Rio de Janeiro, Brazil**

COMPENDIUM OF ABSTRACTS
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OAA1004-Oral Abstract Session with Live Q&A

Overwhelming Evidence of HIV-Associated Metabolic Dysregulation in Pregnancy that Reveals Pathway-level Mechanisms Underlying Adverse Pregnancy Outcomes

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OAC1904-Oral Abstract Session with Live Q&A

Time to Discontinuation of Long-acting Injectable Cabotegravir for HIV Pre-Exposure Prophylaxis among Female Sex Workers and Adolescent Girls and Young Women in Zambia: A Retrospective Cohort Study (2024–2025)

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OAD3304-Oral Abstract Session with Live Q&A

From Play to Prevention: Reaching Rural Adolescents through a Youth-led and Play-based HIV Prevention Package in Northern and Muchinga provinces, Zambia

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OAE3102-Oral Abstract Session with Live Q&A

Real-world Implementation of Long-acting Lenacapavir for HIV PrEP in Zambia: Early Programmatic Outcomes from a Phased Rollout

L.B. Mulenga^{1,2,3}, C. Phiri^{1,2}, D. Kampamba^{1,2}, M. Siame¹, K. Zyambo^{1,2}, S. Sivile^{1,2,3}, I. Bwalya^{1,2}, D. Engamba², M. Mwitumwa², A. Bhebhe -Moyo², M. Mutinta-Mbewe², G. Ngoma², N. Namusukuma², M. Kalima², A. Ndhlovu², L. Kampilimba-Mwango⁴, M. Phiri⁵, P. Banda², M. Musosha⁵, R. Nzoolo⁶, G. Muyembe⁶, C. Baumhart^{7,8}, O. Chilyabanyama⁴, D. Daka¹, M. Mulenga⁹, H. Phiri¹, D. Chanda^{2,3}, C. Kalombo¹, M. Muvwimi¹, M. Kasonde¹, G. Sinyangwe¹, L. Chitembo¹⁰, K. Lishimpi¹, C.W. Claassen^{7,8}

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TUPEB126-Poster Exhibition

Dolutegravir Resistance and its Associated Mutations among Viremic Adults living with HIV at a Tertiary Hospital in Lusaka, Zambia

M. Chola^{1,2}, N. Naik^{1,2}, C. Sinyangwe^{1,2}, C. Chanda^{1,2}, M. Siwanga³, M. Mwamba³, N. Mbewe⁴, S. Sivile^{1,2}

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TUPEA001-Poster Exhibition

HIV-1 Genome-level Analysis of the Occurrence and Prevalence of Transmissible HIV-1 Drug Resistance Mutations in Lusaka, Zambia

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TUPEF627-Poster Exhibitionn

Strengthening the Frontline of Ethical Research: Lessons from the National Health Research Authority's Capacity Building Programme for Research Ethics Committees in Zambia

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TUPEA033-Poster Exhibition

Impact of COVID-19 on Safety and Immunogenicity Endpoints in a Phase 1 HIV Vaccine Trial (HIV CORE 006) in Eastern and Southern Africa

K. Mumba¹, R. Zulu¹, C. Michelo², V. Musale², C. Kabengele², K. Jambo³, V. Muturi-Kioi⁴, E. Sanders⁵, E. Nduati⁵, P. Kaleebu⁶, T. Hanke⁷, W. Kilembe²

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TUPEE483-Poster Exhibition

Are Differentiated Service Delivery Models Effective for Adolescents (aged 10-19) living with HIV? A Systematic Review of Evidence from Eastern and Southern Africa

M. Kaakyo^{1,2,3}, M. Melleh Gondwe⁴, B.T. Tendo Kyozaire¹, A.A. Kinengyere⁵, D. Mukasa⁶, J. Kagaayi¹, L. Willem³, B. Hensen²

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TUPEE487-Poster exhibition

Usability and Acceptability of Two Blood Self-sampling Devices for HIV Viral Load Monitoring in Zambia: A Mixed Methods Randomized Crossover Pilot Study

M. Limbada¹, C.R. Phiri¹, A. Schaap^{1,2}, M. Simuyamba¹, B. Hensen³, I. De Baetselier³, D. Van den Bossche³, K. Maluzi¹, B. Kawambwa¹, B. Chiyanta¹, M. Ruperez², T. Platteau³, B. Kosloff^{1,4}, J.D. Whaley⁵, E. Berthier⁵, M. Simwinga¹, C. Fraser⁶, D. Bonsall⁶, H.M. Ayles^{2,1}

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TUPEC182-Poster Exhibition

Does Increased Proximity to Health Facilities providing Post-violence Care Services increase PEP Completion at a District Level? A Spatial Analysis of 2019-2024 Performance in Zambia

C. Muleya¹, J. Simpungwe¹, M. Luhanga², M. Phiri³, K. Watala⁴, J. Mhone⁵, C. Phiri³, F. Mulenga⁶, R. Ginwalla⁶, B. Kaliki⁵, O. Chituwo¹, K. Mweebo¹, D. Morof¹, L. Denhard⁷

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TUPED359-Poster Exhibition

Youth-led Storytelling as a Catalyst for HIV Prevention, Stigma Reduction, and Community Accountability in Zambia: Lessons from the Third World Images Project

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TUPEB039-Poster Exhibition

How do Clients Admitted for Hospital Care for Advanced HIV Disease Differ from those Receiving Outpatient Care?

T. Ngoma¹, A.R. Marri², A. Morgan², S. Rosen^{2,3}, T. Makwalu¹, M. Mwale¹, M. Benade^{2,3}, S. Sivile⁴, P. Haimbe¹, H. Shakwelele¹, N. Scott²

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TUPEC145-Poster Exhibition

Where 95-95-95 Falls Short: Viral Unsuppression among Adolescents and Young Adults in Zambia: Evidence from Three Provinces

K.M. Zimba¹, M. Musonda¹, P. Mwala², V. Kabwe¹, M. Chota¹, A. Mwango², C. Zulu³, M.-C. Umuhoza², B. Chirwa², G.M. Chongo¹

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WEPEC199-Poster exhibition

Lessons Learned in HIV and Syphilis Testing in Pregnant Women in Lusaka

C. Shava¹, J. Chansa¹, E. Kaemba¹, F. Lipita¹, F. Kunda¹, A. Musonda¹, E. Mwiinga¹, M. Chitambo¹, M. Mukumba¹, O. Luneta¹, D. Mwansa-Zulu¹, Z. Takizala², X. Bean², V. Berthaud², J.EK. Hildreth², S. Chirwa²

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WEPEB132-Poster Exhibition

Feasibility of an Integrated Viral Load and Whole-Genome HIV Sequencing Workflow for HIV Treatment Monitoring in Zambia

D. Bonsall^{1,2}, K. Maluzi³, G. MacIntyre-Cockett¹, N. Grayson¹, B. Kawambwa³, S. Chaudron^{1,4}, N. Otecko¹, D. Nyambe³, C. R. Phiri³, D. Rutagwera⁵, M. Siwingwa⁵, L. Mulenga⁵, A. Schaap^{5,6}, M. Limbada³, B. Kosloff³, M. Ruperez⁶, C. Fraser², H. Ayles^{6,3}

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TUPEE476-Poster Exhibition

Introducing the Dual Prevention Pill in Zambia: User Perspectives on Stigma, Cost and Integrated Delivery of a Multipurpose Prevention Technology

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TUPEE477-Poster Exhibition

Initial Experiences and Lessons Learned with Long-acting Cabotegravir for PrEP Use among Pregnant and Breastfeeding Women

J. Chansa¹, C. Shava¹, F. Lipita¹, A. Musonda¹, F. Kunda¹, E. Kaemba¹, M. Mukumba¹, O. Luneta¹, E. Mwiinga¹, M. Chitambo¹, D. Mwansa-Zulu¹, Z.-M. Takizala², X. Bean², V. Berthaud², J.E.K. Hildreth², S. Chirwa²

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WEPED417-Poster Exhibition

Integrating Peer-led Mental Health and Economic Strengthening within HIV Services for Pregnant and Breastfeeding Adolescent Girls and Young Women: Evidence from the SHARPS Project in Zambia

P.C. Kambole¹, E. Mupakile², M. Tembo¹, S. Indala¹, D. Lukuwa², P. Phiri², SHARPS Consortium

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WEPEF681-Poster Exhibition

Building Resilient PrEP Systems amid Funding Disruptions: Lessons from Multi-Country Adaptation and Lenacapavir Readiness in Nigeria, Mozambique, Uganda and Zambia

B. Longwe¹, D. Resar², M. Milaham³, M. Mulenga⁴, M. Silondwa⁴, P. Haimbe⁵, O. Sowale⁶, N. Otubu⁶, I. George⁷, O. Olumilua⁷, S. Jenkins⁸

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TUPEE545-Poster Exhibition

Embedding Carbon Footprint Assessment within HIV Prevention Trials: Implementation Lessons from a Nested Life Cycle Assessment in the PROMISE-ZERO Study in Zambia

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TUPEE479-Poster Exhibition

Improving Uptake of HIV Prevention Services, including PrEP, among Pregnant and Breastfeeding Adolescents and Young Mothers in Seven High HIV-burden Districts in Zambia using the Mentor Mother Peer Model

M. Siwela¹, M. Simwenda¹, A. Mwila², M. Chisashi¹, W. Simbaya¹, H. Malombo³, J. Phiri¹

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TUPED322-Poster Exhibition

Preparing Communities for Next-generation HIV Prevention: Lessons from Lenacapavir Readiness Training for Long-acting PrEP in Zambia

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EP296-Poster Exhibition

Optimizing HIV Service Delivery through Multi-month Dispensing of Antiretroviral Therapy beyond 6 months and Biennial Viral Load Monitoring: Evidence from the National Electronic Medical Record System in Zambia, 2020–2025

H.B. Demeke¹, L. Mwiinga¹, K.F. Tinglof¹, J. Nel¹, M.W. Tenforde¹, R. Warriar¹, K. Mweebo¹, D. Zachary¹, O. Mwiinde¹, C. Muleya¹, W. Sichembe¹, J. Simpungwe¹, P. Shabangu², E. Mulenga², I. Bwalya³, K.D. Zyambo³, T.Q. Lo¹, S. Sivile³, D. Morof¹

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THPEE492-Poster Exhibition

Mentorship Program Increases Retention in HIV Care among Zambian Adults from a Predominantly Rural Province: A Multi-center Retrospective Cohort Study

B.M. Hamooya¹, N.N. Tembo¹, L. Siame¹, K.H. Mutengo^{1,2}, M. Sakala³, G. Njikhoo⁴, L. Liswaniso⁴, M. Mutalange¹, G. Mupeta¹, M. Malumani¹, M. Miyoba¹, C. Cheelo¹, S.K. Masenga¹

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TUPEE495-Poster Exhibition

Accelerating Pediatric ART Initiation through Mentorship: Evidence from a Predominantly Rural Province of Zambia

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WEPEB055-Poster exhibition

Effect of a CDC-Supported Mentorship Program on Tuberculosis Treatment Outcomes among Adults in Western Province, Zambia: A Before–After Program Evaluation

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WEPEE567-Poster Exhibition

Closing the Parity Gap: Leveraging Zambia's Syphilis Screening Milestone to Catalyze Integrated Triple Elimination of HIV, Syphilis, and Hepatitis B Virus

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WEPEC203-Poster Exhibition

Reducing Missed Prevention Opportunities through Integrated HIV Prevention Delivery in Adolescent-Friendly Health Spaces: Lessons from Routine Program Data in Southern Zambia

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WEPED290-Poster Exhibition

A Longitudinal Interpretative Phenomenological Analysis of the Experience of Using Injectable PrEP among Young Women in Zambia

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WEPEE456-Poster Exhibition

Risk Behavior, Risk Perception, and HIV Pre-exposure Prophylaxis (PrEP) Use among HIV-negative People with Criminal-Legal Involvement in Zambia

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WEPEC252-Poster Exhibition

Differences in the PrEP Cascade among Adolescent Girls and Young Women aged 15-24 by Obstetric History: Results from a Population-based Survey in Lusaka, Zambia

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WEPEB080-Poster Exhibition

Factors Associated with Circulating Levels of IL-17A in a High HIV-burden Population

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WEPED300-Poster Exhibition

Boosting HIV Prevention and Sexual Reproductive Health Access through Demand Creation Strategies on the UNICEF-Supported Adolescent and Young Mothers HIV Prevention Project Across Seven Districts of Zambia

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WEPEC209-Poster Exhibition

From Empathy to Brevity? How well do Contemporary HIV Counselling Services Meet Client-centred Standards? Results of a Four Country Assessment

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THPEE564-Poster exhibition

Empowering Young Women: Building Safe Environments and Strengthening Gender Based Violence Prevention on the UNICEF-Supported Adolescent and Young Mothers Project Across Seven Districts of Zambia

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WEPED306-Poster exhibition

Health Communication between Clients with Advanced HIV Disease and their Healthcare Providers in Zambia

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WEPEE595-Poster Exhibition

Harnessing Country-owned Digital Innovations to Strengthen Quality Assurance in HIV Rapid Testing: the Zambia RTCQI Data Portal Experience

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TUPED406-Poster Exhibition

Recipients of Care and Community Health Worker Perspectives on Community-based HIV Services for Key Populations in Livingstone district, Zambia

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WEPEE471-Poster Exhibition

Lenacapavir PrEP in Zambia: Rapid Health Policy Development and Early Implementation

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THPED416-Poster Exhibition

The Burden of Non-communicable Diseases and Cognitive Impairment among Older Adults living with HIV in Zambia

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WEPEE548-Poster Exhibition

Are Clinic Waiting Times Longer? Client Perspectives on Changes to Waiting Time and Satisfaction with Health Services after Global Funding Cuts in Zambia

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WEPEE553-Poster Exhibition

Achieving Systematic Screening for Cryptococcal Meningitis in Western Province, Zambia using Targeted Technical Assistance at 42 selected Sites – A Retrospective Descriptive Study

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THPED294-Poster Exhibition

Mechanisms of ART Non-adherence among Zambian Youth with HIV who Use Substances

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THPEC176-Poster Exhibition

Successful Early Implementation of Long-acting Injectable Cabotegravir among Adolescent Girls and Young Women in Zambia

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THPEE515-Poster Exhibition

Assessing the Status of HIV Services for Adolescents and Young People following the United States' Aid Freeze in Zambia

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THPEE472-Poster Exhibition

Discrimination and Early PrEP Discontinuation among Women in Sex Work in Zambia: Implications for Long-acting PrEP Rollout

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THPEE593-Poster Exhibition

Increase in HIVST Positivity through Targeted Data Driven M&E Technical Support to Sentinel Sites: Evidence from Tanzania, Uganda and Zambia

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THPEB047-Poster Exhibition

Evaluating a Point-of-Care Urine Test for ART Adherence in HIV-Positive Youth in Zambia

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THPED345-Poster Exhibition

Persisting HIV Stigma among Learners within Boarding Schools in Zambia

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THPEE506-Poster Exhibition

Effect Heterogeneity for Person-centred Care Intervention on Retention in HIV Care in Zambia: Using CATE to Understand who Benefits Most

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THPEE613-Poster Exhibition

Community-driven Demand Generation and Early Uptake of Long-acting Injectable PrEP Lenacapavir in Zambia

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THPED318-Poster Exhibition

Normalizing HIV in the Classroom: Integrating Life Skills and Health Education (LSHE)/Comprehensive Sexuality Education (CSE) to Reduce Stigma and Protect the Right to Health and Education for HIV-positive Children

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THPEE595-Poster Exhibition

Strengthening Comprehensive HIV Prevention Monitoring through an Integrated DHIS2 Tracker Platform in Zambia

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THPEC224-Poster Exhibition

HIV Self Testing Optimisation through Improved Monitoring using HIVST Cascade Data in Zambia

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TUPEC224-Poster Exhibition

Eliminating Interruption in HIV Treatment: Outcomes of CHW-led "escort" Models and SMS Reminders on Primary School-age Children in Zambia

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THPEE449-Poster Exhibition

Strengthening Quality Assurance in HIV Rapid Testing: Reducing Misdiagnosis through enhanced Proficiency Test Monitoring

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TUPEE549-Poster Exhibition

A Sustainable Systems approach: Lessons Learned from the Process of Incorporating Stigma and Discrimination Reduction into Medical Training Curriculum in Ghana, Tanzania and Zambia through Expanding the Total Facility Approach

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LB18-Poster Exhibition

HIV-exposed Uninfected Children are a High-risk Group for Mycobacterium Tuberculosis Infection in Early Childhood: Evidence from Catalytic Models in Lusaka, Zambia

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LB59-Poster Exhibition

Integrated Screening, Treatment, and Care for Cardiometabolic Non-communicable Diseases to Address Multimorbidity among PLHIV in Lusaka, Zambia: Results from the TASKPEN Pragmatic, Stepped-wedge, Cluster-randomized Controlled Trial

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EP083-E-Poster

Leveraging HIV Prevention Platforms to Integrate Hepatitis B and C Screening among Key Populations in Zambia: Insights from the Latu Human Rights Foundation and the Center for Public Health Promotion

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EP122-E-Poster

“Unseen but undeniable: hepatitis B as a critical barrier to CAB-LA rollout in Zambia’s HIV prevention landscape”

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EP263-E-Poster

Applying the Consolidated Framework for Implementation Research to Explore Barriers and Facilitators to Implementation of Tuberculosis Preventive Therapy for Children living with HIV in Lusaka, Zambia, 2024-2025: A Qualitative Study

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EP123-E-Poster

Assessing Experiences of Sexual and Gender-Based Violence among Survivors and Evaluating the Impact of Specialised Care Referral on HIV Risk Patterns among Adolescent Girls and Young Women in Zambia

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EP058-E-Poster

The Shifting Landscape of HIV Drug Resistance to First Line Drugs in the Dolutegravir Era

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EP189-E-Poster

Family Connections Cluster RCT: Impact of a Youth/Caregiver Intervention on HIV Self-management among Zambian Youth living with HIV (ages 15-21)

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EP115-E-Poster

Progress toward 70% HPV Testing Coverage in Zambia: A National Assessment of GeneXpert Testing Volumes, Genotype Distribution, and HIV-related Disparities

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EP289-E-Poster

Stress-testing the System: Evidence from Simulated Partner Withdrawal Drills to Forge a Sustainable HIV Program in Luapula, Muchinga and Northern Provinces of Zambia

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EP193-E-Poster

Evaluating the Impact of an Adolescent Caregiver Group Intervention on Social Support and Caregiver Burden for Caregivers of Youth living with HIV in Zambia

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EP032-E-Poster

Analysis of HIV Related and Non-HIV Mortality Causes among PLHIV on ART in Northern, Luapula, and Muchinga Provinces of Zambia

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