Hope Cape Town Past Research

1) Keeping Kids In Care: Virological Failure In A Paediatric Antiretroviral Clinic And Suggestions For Improving Treatment Outcomes. (2016)

An observational study describing cumulative virological failure (number of children who have died, stopped taking ART or taking ART intermittently resulting in a raised Viral Load) in a paediatric antiretroviral clinic. The study furthermore sought to analyse the role of clinics and partner organisations in improving treatment outcome.

By: Dr S Purchase, Dr J Cunningham, Dr M Esser, Dr D Skinner. Published in African Journal of AIDS research (2016)
http://www.tandfonline.com/eprint/UjybpNeZ6AMKdgagnAt7/full
Poster: SA HIV Clinicians Society conference 2014
2) Should We Bother? HIV Genotypic Resistance Testing In Children In The Western Cape

A retrospective study looking at the results of resistance tests done on patients in Delft, through Hope Cape Town between June 2011 and June 2014. 67 tests were analysed. Of these 16% were for babies who had failed PMTCT, 49% were failing 1\textsuperscript{st} line and 33% failed 2\textsuperscript{nd} line.

Results:

- High levels of NNRTI resistance were found in most babies who failed PMTCT. This reinforces the need to use a PI backbone for ART for these children.
- 25\% of those tested had no resistance – Indicating that poor adherence remains an important cause for their raised viral Load
- 18\% of children who failed 2\textsuperscript{nd} line, required 3\textsuperscript{rd} line therapy. There was no significant Darunavir or Integrase resistance shown (common 3\textsuperscript{rd} line drugs)

By: Dr S Purchase, Dr J Cunningham, H. Rabie, G van Zyl, W Preiser.
Poster Presented at University of Stellenbosch academic day 2014
3) The Routine Paediatric Human Immunodeficiency Virus Visit As An Intervention Opportunity For Failed Maternal Care, And Use Of Point-Of-Care CD4 Testing As An Adjunct In Determining Antiretroviral Therapy Eligibility

At the time of this study, ARV’s were only initiated in adults when their CD4 count was <500. This meant that some children would be attending a paediatric ARV clinic while their parents were not on ARV’s. In order to determine eligibility CD4 tests would be done which required the adult to return 2-3 days later to get the result. Consequently many eligible parents would not access ARV’s. This study looked at accuracy of a Point of Care machine in testing parental CD4 counts; as well as the role of the paediatric ARV consultation in improving holistic, whole family HIV care.

By: SC Picken, S Williams, J Harvey, MM Esser
Published: South African Journal of Infectious Disease 2014; 29(2):70-74
https://journals.co.za/content/mp_sajei1/29/2/EJC161702
Poster presented Stellenbosch Academic day August 2013
4) HOPE Cape Town e-Learning Course

Descriptive poster of the development of a pilot online e-learning course for Community Health Care Workers covering basic human anatomy, HIV disease and Antiretroviral Therapy.

By Dr L Stacey, Y Smith
Poster in German, 2011
5) HIV Exposed uninfected infants: evidence of severe infectious morbidity in South Africa

A prospective cohort study commenced in Cape Town, South Africa in 2009 to evaluate innate immune function in HEU versus UE in the 1st 2 years of life. The study looked at number of infectious events and serious infections (requiring hospitalisation) that happened in the first 2 years of life. It also tracked nutritional status—height and weight gain.

It found that while there were similar number of infectious events between HEU and UE infants; HEU infants have 3.6 times higher risk of severe infectious events & appear most vulnerable in the 1st 6 months (but without a neonatal predominance).

By: AL Slogrove, S Williams, T Kollmann, MF Cotton, JA Bettinger, DP Speert, MM Esser
Poster done – International AIDS Society conference (Rome) 2011
6) Introducing HOPE Cape Town

A descriptive poster on the work of HOPE Cape Town at Tygerberg Hospital and its outreach.
Presented at Stellenbosch University Academic day 2009
Won Best poster in category
Y. Buettqen, M Esser
7) The real cost of HAART for Children? Treatment Cost of a Sponsorship Program with Dedicated Community Support

The cost of ARV medication is not the only cost that must be catered for when seeking to successfully provide ARV’s. This poster documents the cost of the additional requirements for a holistic ARV program that ensures the best chance of compliance and virological suppression in children.

By: M Esser, Dr S Godwin, P Jooste
Poster presented at Stellenbosch University Academic year day 2007.

8) Traditional Health Practitioners

- “Facilitating Relationships between African traditional healing and Western Medicine in South Africa in the time of AIDS: a case study from the Western Cape”
  Centre for Social Science Research Working Paper No 06/170, University of Cape Town.
  J Wreford, M Esser, S Hippler
  2006
  [https://open.uct.ac.za/handle/11427/19493](https://open.uct.ac.za/handle/11427/19493)
“Including traditional African healers in HIV programmes: Preliminary experience from the Western Cape”
J Wreford, M Esser
Special acknowledgement of P Jooste
SA Journal of HIV medicine, Winter 2008

“Involving Traditional Health Practitioners in HIV/AIDS interventions: Lessons from the Western Cape Province”
J Wreford, M Esser, S Hippler,
Centre for Social Science Research Working Paper No. 08/210 2008

“The pragmatics of knowledge transfer: an HIV/AIDS intervention with traditional health practitioners in South Africa”
J Wreford
Journal of Anthropology Southern Africa
https://doi.org/10.1080/23323256.2009.11499977

“Involving African Traditional Health Practitioners (THPs) in HIV/AIDS interventions”
J Wreford, M Esser

“The Traditional Healer and HIV”
We presented the work of HOPE Cape Town to integrate traditional healing with Western based medicine. A series of 3 workshops proceeded an intensive 6 week training course of traditional healers paired with HIV trained healthcare workers.
Poster presentation at PATA Congress, 1 December 2005
J Wreford, M Esser

“Traditionelle Heiler und HIV/AIDS”
J Wreford, M Esser, S Hippler
in “Religionen im Kampf gegen HIV/AIDS”
Hrg. Andre Gerth/Anna Noweck/Simone Rappel Don Boso Verlag 2009