Mary-Ann Davies and Matthias Egger on behalf of the IeDEA-SA Collaboration

www.iedea-sa.org
Session Overview

1. Introduction and overview of IeDEA-Southern Africa
   - Mary-Ann Davies

2. Life expectancy in ART-treated adult patients
   - Leigh Johnson

3. Studies at the Centre for Infectious Diseases Research in Zambia (CIDRZ)
   - Carolyn Bolton

4. Modeling for Clinical Decision Making: two examples
   - Nello Blaser

5. Virological response in children treated with ABC-based compared to d4T-based ART
   - Karl Technau

6. Cancer studies within the IeDEA-SA cohort
   - Mazvita Sengayi
What is IeDEA-Southern Africa

- International epidemiologic databases to evaluate AIDS
- Regional collaboration of HIV cohorts that identifies and pursues research relevant to the region that can’t be addressed in a single cohort
- Data centres
  - University of Cape Town, South Africa
  - University of Bern, Switzerland
- Together with 6 other regions – contribute to the global IeDEA collaboration (www.iedea.org)
Global IeDEA collaboration

- IeDEA funded by NIAID since 2006 to establish regional data centers in order to:
  - collect and harmonize data and create an international consortium to address unique and evolving research questions in HIV/AIDS clinical care and epidemiology that are currently unanswerable by single cohorts.
  - establish and implement methodology to effectively pool the high quality data collected during clinical care.
Lesotho
SolidarMed, Lesotho

Malawi
Lighthouse clinic, Lilongwe
Queen Elizabeth Central Hospital, Blantyre

Mozambique
SolidarMed, Mozambique
CISM, Manhica

South Africa
Aurum Institute, Johannesburg
Thamhalethu Clinic Cohort, Johannesburg
Khayelitsha ART program, Cape Town
Red Cross Children’s Hospital, Cape Town
Tygerberg Hospital, Stellenbosch
Gugulethu ART program, Cape Town
McCord Hospital, Durban
Harriet Shezi, Soweto
Rahima Moosa, Johannesburg
Hlabisa HIV Treatment Program, Hlabisa

Zimbabwe
Newlands Clinic, Harare
SolidarMed, Zimbabwe

Zambia
CIDRZ, clinics countrywide

18 sites in 6 countries
>300,000 adults
>30,000 children

Figure: Map of IeDEA sites
**Affiliated Investigators**

Benjamin Chi: Centre for Infectious Disease Research in Zambia; Sam Phiri: Lighthouse Trust Clinic; Joep van Oosterhout: Queen Elizabeth Hospital; Cleophas Chimbetete: Newlands Clinic; Christiane Fritz: SolidarMed Zimbabwe; Sabrina Pestilli: SolidarMed Mozambique; Denise Naniche: Centro de Investigação em Saúde de Manhiça; James Ndirangu: Africa Centre for Health & Population Studies; Christopher Hoffmann: Aurum Institute for Health Research; Robin Wood: Gugulethu & Masiphumelele clinics; Kathryn Stinson: Khayelitsha ART Programme/Médecins sans Frontières; Janet Giddy: McCord Hospital; Brian Eley: Red Cross Children’s Hospital; Matt Fox: Themba Lethu Clinic; Hans Prozesky: Tygerberg Academic Hospital; Karl Technau: Rahima Moosa Mother and Child Hospital; Harry Moultrie: Harriet Shezi Clinic; SolidarMed Lesotho

**Data Centres**

Specific Aims for IeDEA Southern Africa

1. To collate and analyse data related to the delivery of ART in children and adults, with a focus on long-term program effectiveness and outcomes.
2. To describe the long-term and temporal trends in regimen durability and tolerability and examine ART monitoring strategies.
3. To describe important co-morbidities and co-infections of HIV infection, with a focus on tuberculosis and cancer.
4. To explore the interface between ART and pregnancy, focusing on pregnant women on ART and cohorts of exposed infants.
With many thanks to…

• Patients, caregivers, staff and site investigators from all IeDEA-SA sites.

• NIAID, NICHD and NCI
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