



South to South



TRAINING OVERVIEW

[for pediatric HIV/AIDS services]



USAID
FROM THE AMERICAN PEOPLE



ICAP
International Center for AIDS
Care and Treatment Programs
MAILMAN SCHOOL OF PUBLIC HEALTH
Columbia University



UNIVERSITEIT
STELLENBOSCH
UNIVERSITY



S2S Program Goal

- To support South African teams to enhance and develop the technical and practical skills to successfully initiate and implement comprehensive pediatric HIV/AIDS services

Training Objective

- To train healthcare professionals in all aspects of pediatric HIV care and treatment using a comprehensive family focused model of care

Primary Partners

- International Center for AIDS Care and Treatment Program (ICAP) at Columbia University in close collaboration with
- Tygerberg Children's Hospital, University of Stellenbosch, South Africa
- Sponsored by the United States Agency for International Development (USAID)

Tygerberg Children's Hospital

- Faculty of Health Sciences, University of Stellenbosch
- An institution and staff experienced in successfully implementing pediatric care and treatment services in the Western Cape, South Africa.





Tygerberg Children's Hospital



What we offer as a clinical training site...

- HIV Family Clinic
 - Established in 1997 with a family centered approach to care and treatment.
 - The clinic utilizes a multi-disciplinary approach to service delivery
 - Tertiary care for HIV infected adults and children with complicated diagnostic and management problems
- Outreach services
 - Involved with community based ARV roll out programs since 2002
 - Established and support six urban and rural sites within 100km of Tygerberg Children's Hospital

What we offer as a clinical training site...

- The HOPE ward
 - A 24-bed infectious diseases ward in Tygerberg Children's Hospital offering tertiary care for HIV infected children with complicated diagnostic and management problems
- Research activities
 - KIDCRU (Children's Infectious Diseases Clinical Research Unit)
 - Member of 'Kids Art Link' Collaboration
 - Ongoing smaller research projects
- Infection Control Unit
 - One of only two in Southern Africa

What we offer as a clinical training site...

- PMTCT site
 - Established in 2003
- Brooklyn Chest Hospital
 - An inpatient facility for adults and children with complicated tuberculosis
- TygerBear Social Work Unit for Traumatized Children and Families
- Ukwanda
 - A rural health initiative focusing on pragmatic training of healthcare workers in rural settings



- Comprehensive Virology, Microbiology and Immunology Laboratory support

Overview of Training Activities

- Didactic
- Practicum

Didactic component

- Cover the key aspects of care and treatment for infants, and children with HIV
 - Formal lectures
 - Roundtables discussions and workshops
 - Case-based learning
 - Suggested reading

Practicum

- HIV Family Clinic, Tygerberg Children's Hospital
 - One-on-one preceptorship
 - Across and within cadre
- Hands-on experience
 - Recognize and manage clinical manifestations of HIV infected children
 - Initiate and manage ARV treatment in children
- Pediatric consultant led ward rounds and case discussions

Practicum cont.

- Tygerberg Children's Hospital
 - HIV Family Clinic, 8th floor – clinic attend
 - G7 / HOPE ward, 7th floor – pediatric consultant led ward rounds, case discussions

Summary of Content Covered

- Pediatric HIV in the South African Context
- Children are not small adults
- Diagnosis of HIV
- Care of the Exposed Infant and HIV Infected Child
- Pediatric ART
- Toxicities and Second Line Regimens
- Pediatric Tuberculosis
- Adherence
- Psychosocial Support, Counseling and Disclosure
- Adherence
- Growth and Nutrition
- GIT manifestation in HIV
- Neurological manifestations in HIV
- Dermatological manifestations in HIV
- Oral manifestations in HIV

Evaluation & Monitoring

- Evaluation form
- Verbal feedback

- 3, 6 and 12 month follow up questionnaire



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