

# HIV and FGS cost implications:

## Open Discussion

**Dr Refilwe Sello**  
**South Africa**

*FGS Workshop*  
*January 28-29, 2015*

## Presentation outline

---

- Background to the cost of HIV
- Common HIV cost factors
  - Prevention costs
  - Treatment costs
  - Care costs
- Open discussion on HIV and FGS cost implications

## Background to cost of HIV

---

- **Health System Strengthening**
- Cost to governments
  - Epidemic country priorities
  - National Health Insurance
  - Exchange rate fluctuations
  - Conditions in pharmaceutical markets
  - Local production of ARVs
  - Importation from countries with currency in sync
- Public Private Partnerships
- Cost to patients

## Common cost factors I. Prevention

---

- Condom promotion and distribution(Supply Chain Management)
- IEC materials ( SCM)
- Positive Health Dignity and Prevention
- Personnel and salaries of multidisciplinary teams
  - HIV testing
  - Counselling time
- Cost of HIV antibody
  - Cost of rapid test
  - Cost of smart check
  - Cost of Eliza
  - CD4 test

## Common cost factors I. Prevention cont..

---

- Prevention of Opportunistic infections
- Screening labs tests
  - STI testing
  - Pap smear testing
  - HPV screening
  - TB screening
- Prophylactic treatment
  - Cotrimoxazole
  - INH

# Common cost factors I. Prevention continued

---

- STI treatment and prevention
  - Ulcers due to HSV
  - Ulcers not due to HSV
    - Acyclovir
    - Erythromycin
    - Ciprofloxacin
    - Doxycycline
    - Metronidazole
    - Penicillin etc. ..

## Common cost factors II. Treatment

---

- Treatment as prevention in the first visit
- Follow/up rate in 1<sup>st</sup> visit
- Subsequent follow/up visits
- Number of CD4 count tests
- Number of VL tests
- Initial labs tests
  - FBC
  - LFTs
  - Amylase

## Common cost factors II. Treatment continued

---

- ART drugs
- Cost of individual ART drugs
  - Cost of NVP,FTC,3TC,EFV, TDF
- Cost of Fixed Dose combinations
- Cost of first line drugs
- Cost of 2<sup>nd</sup> line drugs
- Cost of 3<sup>rd</sup> line drugs
- Cost of 4<sup>th</sup> line and salvage therapy
- Cost of resistance testing



## Common cost factors II. Treatment and co-infection

---

- Managing opportunistic infections and co-infections
- Cost of TB treatment
  - DRTB, XDR
- Additional care....
  - Managing side effects and symptom control
  - Inadequate recovery
  - Psychological factors
  - Special diets
  - Special order medicines including opioids
  - Routing screening

## Common cost factors II. care and support

---

- Holistic care approach
- Comprehensive care and support-palliative care
  - Care from diagnosis
  - Continuum of care
  - Referrals and retention into care
  - Addressing adherence and loss to follow-up
  - Psychosocial issues
  - Spiritual care
  - Pain management

## Cost of treatment for HIV and FGS

---

- Increasing numbers of people living with HIV creates unique challenges for health care systems costs
- ..... What then with HIV and FGS co-infections

---

Thank you