Technical Forum: HIV Prevention in Prisons
Intercontinental Hotel - Lusaka, Zambia

Dr. Reinaldo ORTUNO
Medical Coordinator
Context

28 Prisons
3 CENTRAL
- Maula
- Chichiri
- Zomba

13,000 inmates nationwide
MEDICAL Activities “3 Step Intervention”

**ENTRY**
- Comprehensive Screening
  - Medical Assessment
  - HTC
  - TB
  - STI/Syphilis rapid test
  - Hep B Vaccination
  - Counselling

**STAY**
- OPD Care
  - T&T (2016)
  - OIs & STIs
  - Lab services
    - GXP
    - Microscopy
    - VL
    - RDT
  - Hep B Vaccination
  - PEP
- PSU/HP
  - ART/TB Adherence
  - EAC
  - Psycho-social care
  - HP/IEC
  - Mental Health
  - Routine Screening (binannually)

**EXIT**
- Exit Screening
  - HTC
  - TB
  - STI
  - Hep B Vaccination
  - Transfer out with adapted drug refill
<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Chichiri Proportion (%)</th>
<th>Maula Proportion (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>573/2,703 (21.2)</td>
<td>475/3,540 (13.4)</td>
</tr>
<tr>
<td>F</td>
<td>11/67 (16.4)</td>
<td>23/79 (29.1)</td>
</tr>
<tr>
<td>M</td>
<td>562/2,638 (21.3)</td>
<td>452/3,470 (13.3)</td>
</tr>
</tbody>
</table>

Figure 1: Number of HIV tests & HIV prevalence by quarter
**Number of outpatient consultations, 2015**

<table>
<thead>
<tr>
<th></th>
<th>Q1 2015</th>
<th>Q2 2015</th>
<th>Q3 2015</th>
<th>Q4 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maula prison</td>
<td>3699</td>
<td>4018</td>
<td>4808</td>
<td>4519</td>
</tr>
<tr>
<td>Chichiri prison</td>
<td>1834</td>
<td>1505</td>
<td>2233</td>
<td>1994</td>
</tr>
</tbody>
</table>

**% RIC as of end 2015**
- Maula: 95%
- Chichiri: 92%

**HIV positive alive on ART, Chichiri and Maula prisons, 2015**

**TB treatment**
- Chichiri: 36 cases
- Maula: 73 cases

**Syphilis**

<table>
<thead>
<tr>
<th></th>
<th>N positive</th>
<th>N persons tested</th>
<th>% positivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maula</td>
<td>209</td>
<td>2631</td>
<td>7.9%</td>
</tr>
<tr>
<td>Chichiri</td>
<td>172</td>
<td>1824</td>
<td>9.4%</td>
</tr>
</tbody>
</table>
ACHIEVEMENTS

• HIV testing
• Use of GeneXpert as first screening method
• STI screening / Hep B vaccination
• HP and training of Peer educators
• Outreach in cells
• Mental Health activities implementation
CHALLENGES

- General living conditions: Overcrowding, Food, water and sanitation
- Health staff = security staff
- Drug supply
- Condom use as prevention
- Re-testing
- Referral system for severe cases
- Nutrition
- Migrants