HIV and People who Inject Drugs

Dr Cherif Soliman,
Regional Engagement Director, FHI 360
FHI 360 Mission

To improve lives in lasting ways by advancing integrated, locally driven solutions for human development
FHI 360 in Egypt

1. Family Planning

2. National Blood Services

3. HIV/AIDS, STIs Management and Key Populations: (NAP and CSOs)

28 Years + USAID + 15 Ministers

WHO
WB
Shell
UNFPA
Ford
Drosos
4. Regional: Using Egypt model

- Emirates
- Jordan
- Lebanon
- Libya
- Morrocco
- Oman
- Saudi Arabia
- Sudan
- Syria
- Tunisia
- Yemen
KPs & HIV/AIDS: A Wicked Messy Problem

“Cross cut” with different fields including social, economical, political and environmental
Challenges

Captaining

Data & Documentation

CSOs
Gov

Collaboration

Misconception

Stigma

Sustainability

Coordination
“People don’t Resist Change. People Resist Loss”

(Alexander Grashow)
**HIV Bio-BSS among MARPs (FHI 360/2006-2010)**

<table>
<thead>
<tr>
<th>Groups</th>
<th>2006</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street boys Cairo</td>
<td>0.0%</td>
<td>0.5%</td>
</tr>
<tr>
<td>Street girls Cairo</td>
<td>0.0%</td>
<td>0.5%</td>
</tr>
<tr>
<td>FSW Cairo</td>
<td>0.8%</td>
<td>0.0%</td>
</tr>
<tr>
<td>MSM Cairo</td>
<td>-</td>
<td>5.7% (2.6 -10.1%)</td>
</tr>
<tr>
<td>MSM Alex</td>
<td>6.2% (1.7-14.4)</td>
<td>5.9% (3.0 -10.2%)</td>
</tr>
<tr>
<td>Male IDUs Cairo</td>
<td>0.6% (0.1-1.8)</td>
<td>6.8% (3.9 -10.8%)</td>
</tr>
<tr>
<td>Male IDUs Alex</td>
<td>-</td>
<td>6.5% (3.3 -10.3%)</td>
</tr>
</tbody>
</table>
Number of Key Populations Outreached and HIV Prevalence since Year 2008

HIV prevalence

29,002 KP
Transmission Multiplier Factor

- $f_1$
  - Sex Workers
  - Husbands and wives
  - Sex partners without remuneration
  - Sex partners in exchange of drugs

- $f_2$
  - Partners sharing needles or syringes with other IDUs

- $f_3$
  - Children

1 of KPs → 8.4 individuals
Transmission Multiplier Factors

Target: 29,002 KP

1\textsuperscript{st} Wave: 243,616 Partners

2\textsuperscript{nd} Wave: More Partners

3\textsuperscript{rd} Wave: More Partners
• Establish NAHR as coordinating body for all harm reduction projects in Egypt

• Strengthen the capacity and improve access to quality services for KPs and PLHA

• Reduce stigma and discrimination among KPs and PLHA through advocacy
NAHR Stakeholder Members

CSOs/Projects
- Befrienders
- Freedom 1
- Freedom 2
- Hayat
- New Waay
- Roa’ya
- YAPD
- Dahreya
- Gharbia
- Reyada
- Caritas
- El Shehab
- Friends – Minia
- Ma’an
- S4D – Luxor

Supportive Members
- Drosos Foundation
- FHI 360
- Ford Foundation
- National AIDS Program
- UNAIDS
- UNFPA
- UNHCR
- UNODC
- USAID
- Beneficiary
- Resource Person
Adapted Harm Reduction Approach that Consider Local Context

**High Stigma towards some Populations**

IDUs are the entry Point to outreach other KPs

**Overlap of Risk Behaviors**

Combination of safe sex and safe injection

**Security Concerns**

New needle & syringe instead of needle exchange

- Provision of services for all KPs & related communities
- Anonymous, confidential and free of charge
Approaches for Services Provided to KPs

- Outreach
- Direct Referral
- Direct Street Referral
Approaches for Services Provided to KPs

Comprehensive Care Center (CCC)
NAHR Monitoring and Evaluation
KPs Outreached, Visited the CCCs & Tested for HIV

February 2013 - September 2017

- Outreached in the Street: 19028
- Visited the CCCs: 18254
- Tested for HIV: 16096

- Outreached in the Street: 95.9%
- Visited the CCCs: 88.0%
Classification of KPs who Visited the CCCs

February 2013 - September 2017

18254 KPs Visited the CCC

IDUs

Only 3.2% of IDUs Visitors were Females

59.3% of IDUs Visitors were IDUs

34.2% MSM

Only 5.7% of SWs Visitors were Females

Only 13.5% of SWs Visitors were SWs

NB There is an overlap between IDUs, MSM & SWs
Effectiveness of Combined Approach to Address Multiple Risky Behaviors

Total MSM = 6241

- MSM: n=4496
- Male IDUs: n=7831
- Other KPs: n=773
- Other KPs: n=664

Total Male IDUs = 10485

Other KPs: Female & Male SWs, Lesbians and Female IDUs = 3292

There is an overlap of Risky Behaviors in 17.0% of KPs (n=3401)
Currently Married KPs who Visited the CCCs

*February 2013 - September 2017*

- **KPs**
  - Males: 19.9%
  - Females: 34.5%
  - (N=17504)

- **IDUs**
  - (N=10835)
  - 25.3%

- **MSM**
  - (N=6241)
  - 12.0%

- **SWs**
  - (N=2459)
  - 21.7%
Injecting Behaviors of IDUs who Visited the CCCs

*February 2013 - September 2017*

- **IDUs Injected Last Month:** 7407 (68.4%)
- **Injected Heroin Last Month:** 7295 (98.5%)
- **Shared Syringes Last Month:** 5931 (81.3%)

**Total IDUs:** 10835
Injecting Behaviors Last Month among IDUs who Visited the CCCs

*February 2013- September 2017*

- **Sharing Syringes**
  - Yes: 76.5%
  - (N=7756)

- **Sharing Needles**
  - Yes: 62.9%
  - (N=7548)

- **Sharing Paraphernalia**
  - Yes: 64.2%
  - (N=8417)
## Condom Use at Last Sex with Non-Steady Partner among Sexually Active KPs who Visited the CCCs

*February 2013- September 2017*

<table>
<thead>
<tr>
<th>Indicator</th>
<th>%</th>
<th>CI 95%</th>
</tr>
</thead>
<tbody>
<tr>
<td>All KPs</td>
<td>7.3%</td>
<td>(6.9%- 7.7%)</td>
</tr>
<tr>
<td>IDUs</td>
<td>3.6%</td>
<td>(3.2%-4.0%)</td>
</tr>
<tr>
<td>MSM</td>
<td>12.9%</td>
<td>(10.1%-13.8%)</td>
</tr>
<tr>
<td>SWs</td>
<td>5.7%</td>
<td>(4.8%-6.7%)</td>
</tr>
<tr>
<td></td>
<td>All KPs</td>
<td>Males</td>
</tr>
<tr>
<td>------------------------</td>
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</tr>
<tr>
<td>Received Full VCT</td>
<td>16096</td>
<td>15465</td>
</tr>
<tr>
<td>HIV+ve Cases</td>
<td>730</td>
<td>705</td>
</tr>
<tr>
<td>HIV Prevalence</td>
<td>4.5%</td>
<td>4.6%</td>
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</table>

NB There is an overlap between IDUs, MSM & SWs
NAHR Universe
KPs/AIDS Hotline

- To promote NAHR services
- To refer clients to available services
- To provide HIV/AIDS information and community education
NAHR Support Groups

- Guidelines
- M&E system
- Capacity building
- Implementation

Mental Health, Physical Health, Social Problems ....
Referral List

دليل نهر لخدمة التحويل
مايو ٢٠١٧

drosos (…)

www.iasociety.org
<table>
<thead>
<tr>
<th>Types of NAHR Trainings</th>
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</thead>
<tbody>
<tr>
<td>1. Legislation</td>
</tr>
<tr>
<td>2. Outreach and Peer Education</td>
</tr>
<tr>
<td>3. Voluntary Counseling and Testing (VCT)</td>
</tr>
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<td>4. Infection Control</td>
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<td>5. Support Group</td>
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<td>6. Human Rights</td>
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<tr>
<td>7. Monitoring and Evaluation (M&amp;E)</td>
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<tr>
<td>8. Grant and Proposal Writing</td>
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<tr>
<td>9. Strategic Behavioral Communication (SBC)</td>
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<tr>
<td>10. HIV/AIDS Clinical Care</td>
</tr>
<tr>
<td>11. Sexually Transmitted Infections (STIs)</td>
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<tr>
<td>12. Hepatitis</td>
</tr>
<tr>
<td>13. Home-Based Care (HBC)</td>
</tr>
<tr>
<td>14. Finance</td>
</tr>
<tr>
<td>15. Code of Ethics</td>
</tr>
<tr>
<td>16. Religious Leaders Orientation</td>
</tr>
<tr>
<td>17. Policy Makers Orientation</td>
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<tr>
<td>18. Health Care Providers Orientation</td>
</tr>
<tr>
<td>19. Media Experts Orientation</td>
</tr>
<tr>
<td>20. Legal Advisors Orientation</td>
</tr>
<tr>
<td>21. General Population Orientation</td>
</tr>
<tr>
<td>22. Youth Training from a Christian Perspective</td>
</tr>
<tr>
<td>23. Youth Training from a Muslim Perspective</td>
</tr>
<tr>
<td>24. Program Management</td>
</tr>
<tr>
<td>25. On-Site Trainings</td>
</tr>
<tr>
<td>26. Developing Skills of CSO Staff</td>
</tr>
<tr>
<td>27. Developing Skills of MARPs and PLHA</td>
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<table>
<thead>
<tr>
<th>Pre-Test Result</th>
<th>Post-Test Result</th>
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<tbody>
<tr>
<td>58.09 %</td>
<td>76.07 %</td>
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</table>
NAHR Code of Ethics

• Develop training curriculum
• Develop M&E system
• Conduct training
• Implement in all HR projects
NAHR Stigma & Discrimination Activities

• S&D Trainings
• Convoys

Diverse panel: NAP, religious leaders, media experts, legal advisors, and FHI360
NAHR Stigma & Discrimination Activities

“Teaching Adults How to Communicate with Youth from Muslim and Christian Perspectives”
Provision of Equipment and Materials
Family Companion

- To help KPs/PLHA receive psychological support and proper medical services in fever hospitals

- HIV Treatment: 11.91%
- Nursing: 12.37%
- Medical Errands: 12.49%
- Personal Aid and Hygiene: 14.78%
- Counseling: 32.53%
- Medical Checkup: 34.59%
- Awareness: 42.38%
- Psychological Support: 55.21%
Tahadi

- Problems and suggestions reported to officials
- Solutions and messages delivered to KPs/PLWA

KPs/PLWA Networks  NAP, CSOs, International Agencies
Leader of the Future

To create a group of women leaders in the field of HIV/AIDS to improve the quality of life of all WLHIV in Egypt
Skills Development

Accessories

Patchwork

Sewing

Carpet

Bamboo
Not only brochures, fact sheets and Promotional Materials
NAP Collaborations
1. Hotline
3. Test-Treat-Retain Cascade Analysis
4. Population Size Estimate Meeting
5. Costing of the National Strategic Plan Meeting
6. National Dissemination Workshop, Care and ARVs Guideline
7. National Strategic Plan
8. World AIDS Day
9. CD4 Machines
10. Update National Care and ARV guidelines

UN Agencies Collaborations
1. UNAIDS
2. UNAIDS Regional
3. UNHCR
4. UNODC
5. UNICEF
6. UNFPA
7. UNESCO
8. WHO

Local Collaborations
1. Alexandria High Institute for Public Health
2. Refuge Egypt
3. ENNAA
4. Out to Sea Plastic Garbage Project (Drosos)
5. Friends Menya
6. Ma’an
7. Beit Al Karma
8. S4D
9. Al Shehab
10. CDS
11. Saint Andrew Refugee Services (STARS)
12. Social Research Center

NAHR Collaborations

International Collaborations
1. AUC
2. CCM
3. Global Fund
4. Population Council
5. Population Council/Egypt
6. ICASA
7. International Aids Conference
8. International Transportation Federation
9. Middle East and North Africa Health Policy Forum
10. OFID-IAS
11. Population Reference Bureau
12. Egyptian Society for Population Studies and Reproductive Health (ESPSRH)
13. Alère
14. Global Commission on Drug Policy (Article)
15. IDLO
16. NAP Sudan – UNAIDS
17. WHO
18. Medecins du Monde (MdM)
19. Naval Medical Research Unit (NAMRU)

International Collaborations cont’d

Regional Collaborations
1. MENAHRA
2. RANAA
Sexual Behavior Change: Condom Use at Last Sex At Least 6 Months Interval

<table>
<thead>
<tr>
<th></th>
<th>Non Steady Partner</th>
<th>Steady Partner</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>First Visit</td>
<td>Follow Up Visit</td>
</tr>
<tr>
<td>Non Steady Partner</td>
<td>6.4% (N=14060)</td>
<td>13.6% (N=2043)</td>
</tr>
<tr>
<td>Steady Partner</td>
<td>5.4% (N=14112)</td>
<td>12.6% (N=1983)</td>
</tr>
</tbody>
</table>
## Change of Injecting Behavior

### At Least 6 Months Interval

<table>
<thead>
<tr>
<th>Indicator</th>
<th>%</th>
<th>CI 95%</th>
<th>%</th>
<th>CI 95%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Injected Heroin in last month</td>
<td>68.5% (N=9275)</td>
<td>(67.6% - 69.5%)</td>
<td>60.4% (N=1571)</td>
<td>(57.9% - 62.8%)</td>
</tr>
<tr>
<td>Shared needle last month</td>
<td>68.7% (N=6728)</td>
<td>(67.5% - 69.8%)</td>
<td>34.8% (N=1284)</td>
<td>(32.2% - 37.5%)</td>
</tr>
<tr>
<td>Shared syringe last month</td>
<td>80.3% (N=6462)</td>
<td>(79.3% - 81.2%)</td>
<td>57.7% (N=1308)</td>
<td>(55.0% - 60.4%)</td>
</tr>
<tr>
<td>Shared paraphernalia last month</td>
<td>66.4% (N=7072)</td>
<td>(65.3% - 67.5%)</td>
<td>52.7% (N=1363)</td>
<td>(50.0% - 55.4%)</td>
</tr>
</tbody>
</table>
NAHR Documentation 2015 -2017

Abstracts have been accepted and presented in International conferences!

MENAHRA 2016 Regional Conference
Recommendations

- A comprehensive Harm reduction package of safe sex safe injection (Comprehensive Care Centers)
- Gender sensitive programs for females
- Promotion of condom use
- Role for Key Populations and PLHA

- Key Words:
  - Coordination, Collaboration and Cooperation
  - Networking and Exchange of Information
  - Participation and No Marginalization