ATLAS Project: adapting HIVST distribution models in West Africa to reach those left behind

ICASA Conference, Session HIV Self-Testing, STAR and ATLAS
Wednesday 4th of December 14.45-16.15

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Joseph LARMARANGE – Scientific Coordinator (IRD/Ceped)
EPIDEMIOLOGICAL CONTEXT IN WEST AND CENTRAL AFRICA

A generalised epidemic at a relative low level (HIV prevalence: 0.4 to 2.8%)

Low HIV prevalence
Large population

Concentrated epidemics among key populations: MSM, FSW, PWuID

High HIV prevalence
Small populations
HIV TESTING: MAIN BARRIER FOR ACCESSING CARE

In 2018, in the world
37.9 million people are living with HIV

- People living with HIV know their status: 79%
- People who know their positive status have access to treatment: 78%
- People on treatment have an undetectable viral load: 86%

In West and Central Africa
5 million people are living with HIV

- People living with HIV know their status: 64%
- People who know their positive status have access to treatment: 79%
- People on treatment have an undetectable viral load: 76%

Source: Unaids Data 2019

Testing coverage very different per sub-groups

➡️ How to reach those unreached by current strategies?
KP ARE NOT HOMOGENEOUS GROUPS (THE EXAMPLE OF MSM)

“Center”
more often self-identified as Gay
younger
more male partners
less female partners
higher HIV prevalence
higher testing coverage

usually reached by CBOs

“Periphery”
more often self-identified as Straight
older
less male partners
more female partners
lower HIV prevalence
lower testing coverage

hard-to-reach
HIV prevalence by sub-population
Côte d'Ivoire 2018, unpublished data derived from Maheu-Giroux et al. JAIDS 2017

Number of PLHIV by sub-population
Côte d'Ivoire 2018, unpublished data derived from Maheu-Giroux et al. JAIDS 2017
Distribution of PLHIV by sub-population

- MSM: 6%
- FSW: 32%
- Clients: 5%
- Other Men: 53%

Number of PLHIV by sub-population

Côte d'Ivoire 2018, unpublished data derived from Maheu-Giroux et al. JAIDS 2017

- MSM: 14,107
- FSW: 29,661
- Clients: 147,221
- Other Men: 22,935
- Other Women: 243,546
Distribution of PLHIV by sub-population

- MSM: 6%
- FSW: 32%
- Clients: 5%
- Other Men: 53%

First 90 by sub-population

- MSM: 78%
- FSW: 67%
- Clients: 55%
- Other Men: 28%
- Other Women: 82%

Côte d'Ivoire 2018, unpublished data, courtesy of Maheu-Giroux and colleagues

Distribution of undiagnosed PLHIV by sub-population

- MSM: 7%
- FSW: 47%
- Clients: 12%
- Other Women: 32%
PRIMARY AND SECONDARY HIVST DISTRIBUTION

Primary distribution
for personal use

Secondary distribution
to be redistributed to partners and relatives
<table>
<thead>
<tr>
<th>Dispensing channel</th>
<th>Strategy</th>
<th>Dispensing agent</th>
<th>Primary distribution</th>
<th>Secondary distribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index case</td>
<td>Fixed</td>
<td>Health professionals</td>
<td>PLwHIV</td>
<td>Partners of PLwHIV</td>
</tr>
<tr>
<td>STI Consultations</td>
<td>Fixed</td>
<td>Health professionals</td>
<td>STI patients</td>
<td>Partners of STI patients</td>
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<tr>
<td>Dedicated MSM clinics</td>
<td>Fixed</td>
<td>Health professionals</td>
<td>MSM</td>
<td>Male partners</td>
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<td>Peers</td>
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<td>Female partners</td>
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<tr>
<td>MSM community based strategy</td>
<td>Outreach</td>
<td>Peer educators</td>
<td>MSM</td>
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<td>Dedicated clinics for FSW</td>
<td>Fixed</td>
<td>Health professionals</td>
<td>FSW</td>
<td>Peers</td>
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<td>FSW Partners</td>
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<td>Dedicated DU clinics</td>
<td>Fixed</td>
<td>Health professionals</td>
<td>DU</td>
<td>Peers</td>
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<tr>
<td>DU community based strategy</td>
<td>Outreach</td>
<td>Peer educators</td>
<td>DU</td>
<td>DU Partners</td>
</tr>
</tbody>
</table>

Key populations:
- Male partners
- Peers
- Female partners

Vulnerable populations:
- Partners of PLwHIV
- Partners of STI patients
- PLwHIV
- STI patients
- MSM
- FSW
- DU

*Atlas* savoir est une force
PROJECT OUTPUTS

1. Strengthen the system
   - Participate in the introduction and large-scale deployment of HIV self-testing.

2. Implement in an appropriate manner
   - Diversify distribution channels to reach the project’s target populations, encourage confirmatory testing and treatments.

3. Generate and share evidences
   - Generate evidences on the outcomes and impact of interventions through scientific studies and promote them.
FIRST ACHIEVEMENTS AND RESULTS

HIVST distribution - ATLAS, July to Oct 2019

<table>
<thead>
<tr>
<th></th>
<th>PIWHIV partners</th>
<th>STI partners</th>
<th>MSM/Facility based</th>
<th>MSM/Outreach</th>
<th>FSW/Facility based</th>
<th>FSW Outreach</th>
<th>DU/Facility based</th>
<th>DU/Outreach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>392</td>
<td>407</td>
<td>239</td>
<td>1117</td>
<td>522</td>
<td>2985</td>
<td>119</td>
<td>149</td>
</tr>
</tbody>
</table>
FIRST ACHIEVEMENTS AND RESULTS

HIVST distribution per target population
ATLAS July to Oct 2019

- FSW and partners/clients: 43%
- DU & partners: 4%
- PLHIV's partners: 12%
- MSM & partners: 22%
- STI partners: 19%
FIRST ACHIEVEMENTS AND RESULTS

ATLAS HIVST distribution (July 2019 to June 2020)
More than 1 200 people trained

Dispensing agents tools: trainers manuals, fact sheets, demonstration tools...

Training modules developed and available on AIDS free website

4 HIVST indicators validated in DHIS2

PSM integrated in the national system (National Pharmacy)

ATLAS implementation (60 000 HIVST) in 3 regions from 07/19 to 11/21 and catalytic funds to cover all other Medical regions than ATLAS (44 000 HIVST) from 10/19 to late 2021

HIVST quantification exercise done at national level integrating ATLAS and GFATM contributions
SEE YOU IN DAKAR & SAN FRANCISCO!

Consortium

Donors

Implementing partners

Côte d’Ivoire
Ministère de la Santé et de l’Hygiène Publique
PNLS

Mali
Ministère de la Santé et des Affaires sociales
HCNLS

AKS
Amprode Sahel
ARCAD Sida
Danayaso
PSI
Soutoura

Sénégal
Ministère de la Santé et de l’Action Sociale
CNLS

CTA
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Enda et ses partenaires

Research partners

Project partners

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See the date!