RETENTION IN CARE – PrEP – TUBERCULOSIS SCIENCE AND COMMUNITY IN THE HIV RESPONSE IN THE CARIBBEAN

AIDS 2018 POST-CONFERENCE WORKSHOP

Haiti, 28-29 November 2018
Day 1

*Presentation: HIV in the Caribbean; Status of PreP, Retention Care and MDR TB*

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*Knowledge Coordinator*

*PANCAP*
Outline

• PANCAP
• HIV epidemiology in Caribbean
• Retention in care
• Status PreP implementation in the Region
• MDR TB in the Caribbean
PANCAP

• PAN Caribbean Partnership Against HIV and AIDS.
• Established in 2001 by CARICOM Heads of Government.
• Regional partnership of government, regional civil society organisations, regional institutions and organisations, bilateral and multilateral agencies and contributing donor partners.
• Provides a structured and unified approach to the Caribbean’s response to the HIV epidemic.

• Caribbean Regional Strategic Framework- 2014-2018:
  - Enabling environment
  - Shared responsibility
  - Prevention of HIV transmission
  - Care, Treatment and Support
  - Sustainability

https://pancap.org/
### Regional HIV and AIDS statistics and features | 2017

<table>
<thead>
<tr>
<th>Region</th>
<th>Adults and children living with HIV</th>
<th>Adults and children newly infected with HIV</th>
<th>Adult and child deaths due to AIDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern and southern Africa</td>
<td>19.6 million [17.5 million–22.0 million]</td>
<td>800 000 [550 000–1.0 million]</td>
<td>380 000 [300 000–510 000]</td>
</tr>
<tr>
<td>Western and central Africa</td>
<td>6.1 million [4.4 million–8.1 million]</td>
<td>370 000 [220 000–570 000]</td>
<td>280 000 [180 000–410 000]</td>
</tr>
<tr>
<td>Middle East and North Africa</td>
<td>220 000 [150 000–300 000]</td>
<td>18 000 [10 000–31 000]</td>
<td>9800 [8400–15 000]</td>
</tr>
<tr>
<td>Asia and the Pacific</td>
<td>5.2 million [4.1 million–6.7 million]</td>
<td>280 000 [210 000–390 000]</td>
<td>170 000 [110 000–280 000]</td>
</tr>
<tr>
<td>Latin America</td>
<td>1.8 million [1.5 million–2.3 million]</td>
<td>100 000 [77 000–130 000]</td>
<td>37 000 [26 000–51 000]</td>
</tr>
<tr>
<td>Caribbean</td>
<td>310 000 [280 000–420 000]</td>
<td>15 000 [11 000–26 000]</td>
<td>10 000 [7100–17 000]</td>
</tr>
<tr>
<td>Eastern Europe and central Asia</td>
<td>1.4 million [1.3 million–1.6 million]</td>
<td>130 000 [120 000–150 000]</td>
<td>34 000 [25 000–41 000]</td>
</tr>
<tr>
<td>Western and central Europe and North America</td>
<td>2.2 million [1.9 million–2.4 million]</td>
<td>70 000 [57 000–84 000]</td>
<td>13 000 [9600–18 000]</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>36.9 million [31.1 million–43.9 million]</strong></td>
<td><strong>1.8 million [1.4 million–2.4 million]</strong></td>
<td><strong>940 000 [670 000–1.3 million]</strong></td>
</tr>
</tbody>
</table>

The ranges around the estimates in this table define the boundaries within which the actual numbers lie, based on the best available information.
HIV in the Caribbean

- New infections in the Caribbean: from 19,000 in 2010 to 15,000 in 2017
- AIDS related deaths in the Caribbean: from 13,000 in 2010 to 10,000 in 2017

*There has been moderate progress in the prevention and treatment in the Caribbean*- UNAIDS 2017
New infections and AIDS related deaths

Number of new HIV infections, Caribbean, 2000–2017

-18%

Source: UNAIDS 2018 estimates.

Number of AIDS-related deaths, Caribbean, 2000–2017

-23%

Source: UNAIDS 2018 estimates.

New infections in the Caribbean- from 19,000 in 2010 to 15,000 in 2017

AIDS related deaths in the Caribbean- from 13,000 in 2010 to 10,000 in 2017

There has been moderate progress in the prevention and treatment in the Caribbean-UNAIDS 2017

Guyana National Faith Leaders Consultation, Georgetown, Guyana 09/08/2018
HIV Treatment cascade in the Caribbean

<table>
<thead>
<tr>
<th>Year</th>
<th>PLHIV who know their status (%)</th>
<th>People living with HIV receiving ART (%)</th>
<th>People virally suppressed among all PLHIV (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>60%</td>
<td>40%</td>
<td>20%</td>
</tr>
<tr>
<td>2016</td>
<td>65%</td>
<td>50%</td>
<td>30%</td>
</tr>
<tr>
<td>2017</td>
<td>70%</td>
<td>70%</td>
<td>40%</td>
</tr>
</tbody>
</table>

Source: UNAIDS. GAM country reports and Spectrum estimates 2018
Status of 90-90-90 in the Caribbean 2015-2017

Source: UNAIDS. GAM country reports and Spectrum estimates 2018
Late HIV diagnosis in the Caribbean, 2013-2017

Source: UNAIDS. GAM country reports 2016-2017
Number and percentage of persons on ART in the Caribbean, 2010-2017

Source: UNAIDS. GAM country reports and Spectrum estimates 2018
Number and percentage of persons on ART in the Caribbean, 2010-2017

<table>
<thead>
<tr>
<th>Year</th>
<th>Coverage Men (15+)</th>
<th>Coverage Women (15+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Coverage Men (15+)
- 2015: 40%
- 2016: 49%
- 2017: 50%

Coverage Women (15+)
- 2015: 50%
- 2016: 66%
- 2017: 66%

Source: UNAIDS. GAM country reports and Spectrum estimates 2018
Persons on ART with viral load suppression in the Caribbean(%), 2015-2017

Source: UNAIDS. GAM country reports 2016-2017
People living with HIV who are virally suppressed in 2017

- The Bahamas: 48% females, 34% males
- Barbados: 48% females, 30% males
- Cuba: 47% females, 33% males
- Suriname: 44% females, 41% males
Access to Viral Load Testing

Countries that have viral load testing capacity are:

- Bahamas
- Barbados
- Curacao
- Dominican Republic
- Guyana
- Haiti
- Jamaica
- St. Maarten
- Suriname
- Trinidad & Tobago.

Recently, 4 OECS countries (received GeneXpert equipment under the OECS GF grant and have already validated the methodology for TB MDR testing. They are currently in the process of validating for HIV VL testing.

- Antigua & Barbuda
- Grenada
- St. Lucia
- St. Vincent & the Grenadines

* HIV VL and Chlamydia testing is anticipated early 2019
17% of PLHIV reported that they have avoided going to the local clinics in the past 12 months because of their HIV status.
PreP in the Caribbean

The Bahamas (2015) and Barbados (2018) in the Public sector

Barbados PrEP Policy and Guidelines approved in March 2018

Clinical guidance adapted from the WHO and CDC guidelines
PrEP in Barbados

...PrEP for HIV prevention may be offered to any person in Barbados who is deemed to be at substantial risk for HIV.

PrEP Eligibility criteria

1. HIV-negative;
2. No suspicion of acute HIV infection;
3. Substantial risk of HIV infection;
4. Refer to Indications for the use of PrEP;
5. No contraindications to PrEP medicines;
6. Willingness to use PrEP as prescribed, including periodic testing for HIV and STIs.
Lessons Learned

• High interest among KPs
• Conduct a readiness assessment
• Formalise a PreP policy
• Discuss and engage all stakeholders in the process
• Need for education
• Use a combination approach
TB In the Caribbean

TB in the Caribbean in 2017

MDR TB cases reported – 1%
(212/21,232)
Summary

• “there has been moderate progress in prevention and treatment in the Caribbean” - UNAIDS 2017
• Significant gaps remain around the 90-90-90
• Stigma and discrimination continues to be a major obstacle to access to services
• Supply chain issues continue to challenge some of our territories- ARVs, reagents and supplies.
• There is a great demand for PreP- implementation has been somewhat slow.
• High uptake of HIV testing among TB patients- high TB/HIV co morbidity. TB continues to be a leading cause of death in HIV patients in territories with significant TB/HIV epidemics.
References

- https://pancap.org/who-we-are/about-pancap/history-of-pancap/
- Caribbean Regional Strategic Framework 2014-108
- WHO Global Tuberculosis Report, 2018- http://apps.who.int/iris/bitstream/handle/10665/274453/9789241565646-eng.pdf?ua=1

Slides borrowed from presentations:

1. “Pre Exposure prophylaxis in the Caribbean”. Presentation by Dr. Anton Best at the 15th CCAS expert summit- From care to cure, towards the elimination of HIV” in the Bahamas in August 2018.