



# Differentiated TB/HIV Services

A CQUIN Community of Practice (CoP)

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**ICAP**

Columbia University  
Mailman School  
of Public Health

**HIV LEARNING NETWORK**

The CQUIN Project for Differentiated Service Delivery

# Outline


- **Background and CoP objectives**
- **Members and meetings**
- **Progress and output**
- **Next steps**


# Differentiated HIV/TB Services Lusaka Meeting


**HIV Differentiated Service Delivery**  
*Opportunities and Challenges for TB Prevention and Care*

**MEETING REPORT**  
*March 26-29, 2019*  
*Lusaka, Zambia*

*Hosted by the HIV Coverage, Quality, and Impact Network (CQUIN) and the World Health Organization*



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## Consensus among participants:

- Substantial opportunities to leverage less-intensive differentiated antiretroviral therapy (DART) models to enhance coverage and quality of TB intensive case finding (ICF) and TB preventive therapy (TPT)
- Some possible barriers, if programming, M&E and procurement are not aligned/adapted
- A co-created toolkit to support integration of ICF and TPT into emerging DART models would be extremely helpful

<https://cquin.icap.columbia.edu/resources/opportunities-and-challenges-for-tb-prevention-and-care-meeting-report/>

# Formation of the Differentiated TB/HIV CoP

## Objectives:

- Identifying priority gaps and challenges related to integration of TB/HIV services into DART models
- Exchanging relevant lessons learned, best practices, resources and tools
- Providing ongoing feedback and technical support for existing projects
- Where there are gaps, working together to co-create high-quality resources and tools, such as the **Differentiated TB/HIV Toolkit**

# Members of TB/HIV CoP

**50 participants, including:**

- **Representatives from:**
  - MOH and partners in Cote d'Ivoire, Eswatini, Ethiopia, Kenya, Malawi, Mozambique, South Africa, Tanzania, Uganda, Zambia and Zimbabwe
  - CDC Atlanta
  - IAS
  - WHO
  - OGAC
  - Bill and Melinda Gates Foundation
- **ICAP technical experts from the CQUIN project, Clinical and Training Unit and Strategic Information Unit**

# Online Meetings

Kickoff Call

Introduction  
and Discussion  
of Framework  
Document

Feedback on  
Framework  
Document

Presentation  
and Discussion  
of Zambia Pilot

June 19<sup>th</sup>, 2019

July 16<sup>th</sup>,  
2019

September  
3<sup>rd</sup>, 2019

October  
10<sup>th</sup>, 2019

# Differentiated TB/HIV Toolkit

## Steps:

- ✓ **Literature review / scan for resources (complete)**
- ✓ **Informal needs assessment (complete)**
- ✓ **Review of existing tools and resources (complete)**
- ✓ **Development of framework document (draft complete)**
- **Final decisions on toolkit contents**

# Tool Development

## Framework Document: *Integrating Intensified TB Case Finding and TB Preventive Treatment Services into Differentiated ART Models*

		WHO	
		INDIVIDUAL	GROUP
WHERE	FACILITY	<b>Facility-Based Individual Models</b> <ul style="list-style-type: none"><li>• Fast Track ART Refills</li><li>• Appointment Spacing</li><li>• Multi-Month Scripting and Dispensing</li></ul>	<b>Facility-Based Group Models</b> <ul style="list-style-type: none"><li>• Facility ART Refill Group</li><li>• Facility-Based Adherence Group</li><li>• Facility Teen Clubs</li></ul>
	COMMUNITY	<b>Community-Based Individual Models</b> <ul style="list-style-type: none"><li>• Community Drug Distribution</li><li>• Mobile Outreach (with or without ART Initiation)</li></ul>	<b>Community-Based Group Models</b> <ul style="list-style-type: none"><li>• Community ART Refill Group</li><li>• Community-Based Adherence Group</li><li>• Community Teen Clubs</li></ul>

Designed to provide a conceptual framework and implementation guidance for the integration of ICF and TPT into each of the four categories of less-intensive DART models:

- Facility-based individual models
- Facility-based group models
- Community-based individual models
- Community-based group models



# Framework Document Structure

- **Introduction & rationale**
- **General considerations**
  - Cross-cutting principles & common programmatic scenarios (TPT timing relative to DART)
  - Minimum essential package for TB/HIV services (the WHAT)
    - Infection prevention and control (IPC), ICF, TPT
  - Integration of TB/HIV services into DART models
    - General considerations of the WHO, WHEN & WHERE for ICF and TPT
- **Integrating ICF and TPT into Facility-based Models (individual and group)**
- **Integrating ICF and TPT into Community-based Models (individual and group)**
- **Considerations for special subpopulations (PBFW, adolescent and children)**
- **Implementation considerations**
- **Monitoring and evaluation**

# Table Format Example

	Facility-based Individual Models (e.g. Fast-Track +/- MMS)			Facility-based Group models (e.g. ART Clubs)		
	ICF*	TPT initiation	TPT refills & follow-up	ICF*	TPT initiation	TPT refills & follow-up
<b>What</b>	TB symptom screen	Eligibility assessment, TB symptom screen, education and instructions for follow-up	<ul style="list-style-type: none"> <li>• TB symptom screen</li> <li>• Adherence check</li> <li>• Side effect monitoring</li> <li>• Refills (harmonized with ART schedule)</li> <li>• Documentation of adherence and completion</li> </ul>	TB symptom screen	Eligibility assessment, TB symptom screen, education and instructions for follow-up	<ul style="list-style-type: none"> <li>• TB symptom screen</li> <li>• Adherence check</li> <li>• Side effect monitoring</li> <li>• Refills (ideally on ART schedule)</li> <li>• Documentation of adherence and completion</li> </ul>
<b>When</b>	At each visit to health facility	<ul style="list-style-type: none"> <li>• During routine clinical visits</li> <li>• In some contexts, may schedule special recall visit to screen for TPT eligibility and initiate TPT</li> </ul>	<ul style="list-style-type: none"> <li>• Every month after initiation for the first 3 months, then with every regular ART refill visit until TPT completion</li> </ul>	At each group appointment at health facility	<ul style="list-style-type: none"> <li>• During routine clinical visits</li> <li>• In some contexts, may schedule special recall visit to screen for TPT eligibility and initiate TPT</li> </ul>	<ul style="list-style-type: none"> <li>• Every month after initiation for the first 3 months, then with every regular group visit until TPT completion</li> </ul>
<b>Where</b>	Clinic	Clinic	<ul style="list-style-type: none"> <li>• Facility-based pick-up location (often but not always the pharmacy)</li> <li>• Telephone calls between pickups (in some models)</li> </ul>	Clinic	Clinic	<ul style="list-style-type: none"> <li>• Group meeting venue at health facility</li> <li>• Telephone calls between pickups (in some models)</li> </ul>
<b>Who</b>	Clinician	Clinician	<ul style="list-style-type: none"> <li>• Pharmacy staff generally refill TPT medication</li> <li>• Clinician conducts follow-up</li> </ul>	<ul style="list-style-type: none"> <li>• Clinician</li> <li>• Lay worker</li> <li>• Group leader(s)</li> </ul>	Clinician	<ul style="list-style-type: none"> <li>• Medications often pre-packed by pharmacy and dispensed by group facilitator (generally a nurse or other HCW)</li> </ul>

\*In addition to continuous self-screening by clients

# Toolkit Next Steps

- **Finalize and disseminate Framework Document** ← **come see us at the Tools Lab**
- **Decide on next tools for the toolkit**
- **Proposed:**
  - Job aid for HCW to assist with TPT initiation (e.g. flipchart)
  - Education tool for recipients of care to assist with self-screening for TB symptoms and medication side-effects while on TPT (for use with all literacy levels)
  - Job aid for clinical follow-up visits while recipients of care are on TPT (for use by peers, CAG leaders, HCW, CHW etc.)
  - M&E tool for TPT documentation within DART models (for use by peers, CAG leaders, HCW, CHW etc.)

## Further Information

- **Tools Lab, Wednesday, November 13<sup>th</sup>, Session 13**
  - Presentation of CoP Framework Document
- **Differentiated TB/HIV Panel, Wednesday, November 13<sup>th</sup>, Session 14b**
  - Presentation on the CQUIN Lusaka meeting by Lee Abdelfadil
  - Presentation on pilot being conducted in Zambia by Priscilla Lumano Mulenga
- **TPT Implementation Tools available on the PEPFAR Solutions Website:** <https://www.pepfarsolutions.org/tools-2/2018/9/25/tpt-implementation-tools>

# Thank you

- All the TB/HIV CoP members
- Cuc Tran, Brittany Murphy and colleagues from CDC Atlanta
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- Andrea Howard
- Laura Block
- ICAP NY Clinical and Training Unit staff