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MINISTRY OF HEALTH

Standard Operating Procedures
Same-Day HIV PrEP Delivery by Community Based Organizations
for Key Populations in Cambodia

January 2022



NATIONAL CENTER FOR HIV/AIDS, DERMATOLOGY AND STD (NCHADS)

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Abbreviations

3TC	Lamivudine (antiretroviral drug)
CAB	Community Advisory Board
CBO	Community-Based Organization
CrCl	Creatinine Clearance
ED	Event-Driven
FEW	Female Entertainment Worker
HBsAg	Hepatitis B surface Antigen
HCV	Hepatitis C Virus
HIV	Human Immunodeficiency Virus
KP	Key Populations
MHC	Men's Health Cambodia
MSM	Men who have Sex with Men
NCHADS	National Center for HIV/AIDS, Dermatology and STD
PEP	Post-exposure Prophylaxis
PrEP	Pre-Exposure Prophylaxis
PWID	Person who Injects Drugs
PWUD	People who Use Drugs
HIVST	HIV Self-testing
STI	Sexually Transmitted Infection
TDF	Tenofovir Disoproxil Fumarate (antiretroviral drug)
TGW	Transgender Women
TPHA	Treponema Pallidum Hemagglutination Assay
US-CDC	US Centers for Disease Control and Prevention
WHO	World Health Organization

Foreword

The standard operating procedures (SOP) on Same-Day HIV PrEP Delivery by Community-Based Organizations for Key Populations in Cambodia is an initiative to provide PrEP in communities. This approach complements the strategy of HIV/AIDS prevention and to increased HIV case detection, aiming at achieving the goal of elimination of new HIV infections by 2025.

The National Centre for HIV/AIDS, Dermatology and STD and development partners has developed this SOP to guide the implementation of this innovative approach to facilitate the access to PrEP services by key populations.

The Ministry of Health agreed and officially approved these standard operating procedures (SOP) on Same-Day HIV PrEP Delivery by Community Based Organizations for Key Populations in Cambodia and expects that NCHADS and all development partners will implement this SOP with more effectively and efficiency.

Phnom Penh, 14 / 01 / 2022

For, Minister of Health 



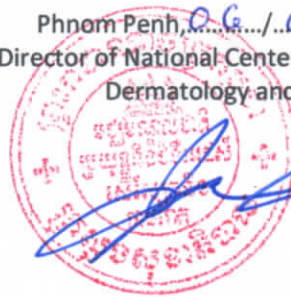
Prof. ENG HUOT
SECRETARY OF STATE

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Phnom Penh, 06/01/2022
Director of National Center for HIV/AIDS,
Dermatology and STD

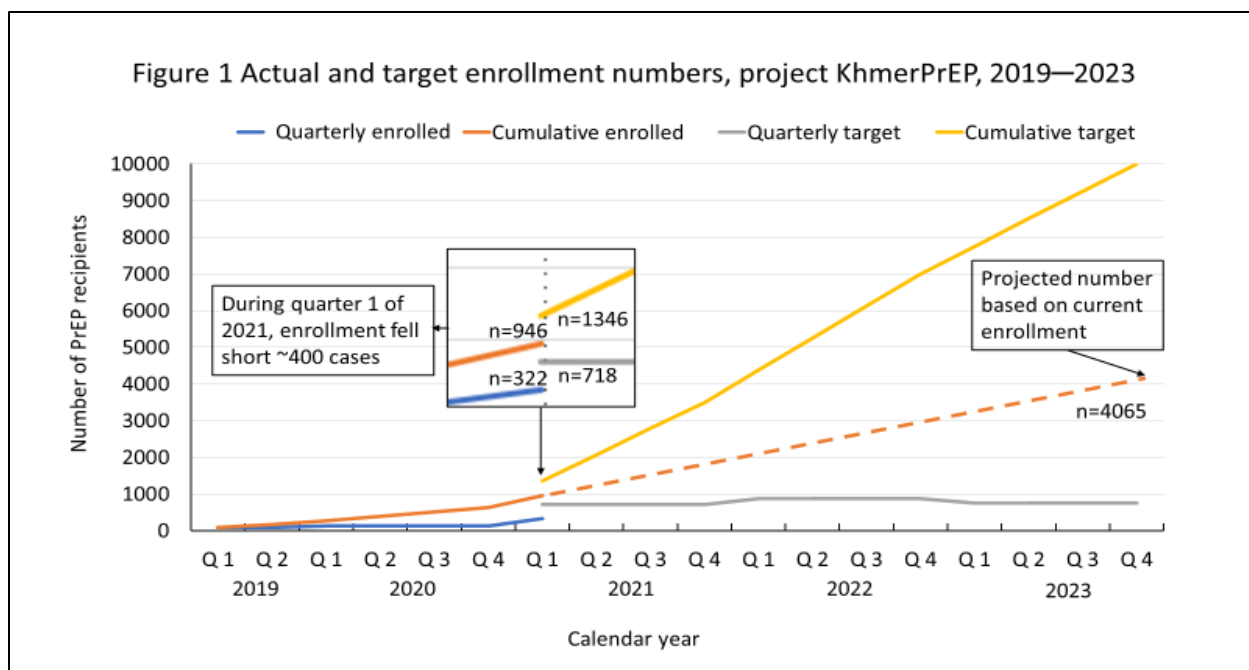


Dr. OUK VICHEA

1 Background

Cambodia has achieved its UNAIDS 90-90-90 goals and is moving toward reaching elimination of HIV new infections by 2025. However, challenges remain in reaching certain sub-sections of key-populations (KP) at risk for HIV and in finding undiagnosed cases of HIV infection. According to the integrated behavioral and biological survey (IBBS) in 2017, HIV prevalence was 3.2% among female entertainment workers (FEW)¹; 15.2% among persons who inject drugs (PWID) in 2017²; 4.0% among men who have sex with men (MSM) and 9.6% among transgender women (TGW) in 2019². While the HIV prevalence has been decreasing among FEW and has remained stable among PWID, it has been rapidly increasing among MSM and TGW, particularly in more urbanized areas of the country (i.e., in and around Phnom Penh and Siem Reap, Banteay Meanchey and Battambang Provinces).³ To prevent the further spread of HIV infection among KP members the Government of Cambodia introduced HIV Pre-exposure Prophylaxis (PrEP) as a part of combination HIV prevention (also including early or immediate antiretroviral therapy [ART], or ‘treatment for prevention’). The “KhmerPrEP” program was first introduced in Phnom Penh and Siem Reap, with plans to scale up around the country’s HIV high-burden provinces through 2023.

The high HIV rates and population sizes of MSM and TGW at risk for HIV infection (44,000 and 6,300, respectively⁴), make them a main focus of the PrEP program. PrEP implementation began in July 2019 and September 2021, 1,364 individuals have been enrolled in PrEP. The number of PrEP sites increased from two in 2019 to ten by early 2021. Under the 2021-2023 Global Fund grant, the National Center for HIV, AIDS, Dermatology and STD (NCHADS) will be expanded up to 15 provinces/city and has set a target of 3,500 PrEP recipients by the end of 2021; 7,000 by the end of 2022; and 10,000 by the end of 2023. However, at the current rate of enrollment, these numbers are unlikely to be reached. During Quarter 1 of 2021, enrollment fell short by approximately 400 cases. If this trend continues only 4,065 will be enrolled by the end of 2023 (see Figure 1). To improve retention of existing clients and to reach future enrollment targets, additional HIV PrEP delivery methods and demand creation activities are therefore necessary.



Knowledge and understanding of HIV infection status is important to successful delivery of HIV prevention services for key populations, including PrEP and ART for prevention. However, according to 2019 IBBS, 35.1% of MSM and 22.6% of TGW in Cambodia had never been tested for HIV infection before, and of those who did test, 34.7% of MSM and 31.0% of TGW had not been tested during the past 6 months.³ Increasing uptake and frequency of HIV testing may therefore be a promising avenue for reaching and enrolling additional HIV PrEP beneficiaries and realizing KhmerPrEP enrollment targets. The availability of PrEP for prevention may, in turn, attract some for testing who might otherwise not be interested. As a result, testing offers opportunities to promote PrEP and PrEP availability encourages others to get tested. In **Table 1** several data-sources are combined to estimate the number of at-risk MSM and TGW in Cambodia who have not recently been HIV tested. This “back-of-the-envelope” calculation indicates that there are currently more than 26,000 MSM and TGW who are in need of HIV testing, and who may benefit from HIV PrEP if found HIV negative.

Population	HIV prevalence in IBBS ³ (%)	Estimated at risk population size ⁴ (n)	HIV negative segment (n)	Already on PrEP (n) (estimated from monitoring) ⁵	Estimated number of PrEP candidates (n)
Men who have sex with men	4	44,000	42,250	1,073	41,177
Transgender women	9.6	6,300	5,695	237	5,458
Female entertainment workers	3.2	51,213	49,574	117	49,457
People who inject drugs	15.2	3,202	2,715	-	2,715
Total		104,715	100,234	1,427	98,807

Strategies to increase HIV testing include friendlier and more efficient services; same-day access to HIV PrEP and ART; HIV self-testing; and provider initiated opt-out testing and HIV Self-Testing (HIVST). While some of these strategies have been successful in attracting certain subsections of MSM and TGW, they have not been able to reach internationally accepted HIV testing targets. World Health Organization (WHO) and US Centers for Disease Control and Prevention (US-CDC) guidelines recommend that in high-risk situations, key-population members (including those who are on HIV PrEP) are screened for HIV infection every 3 to 6 months.^{6, 7}

In recent years, KP-assisted same-day HIV PrEP service-delivery models have been proposed to help increase the number of PrEP recipients in a variety of settings. These models have been successfully implemented in neighboring countries, such as Vietnam and Thailand.^{5, 8, 9} In both situations, KP-assisted service delivery was effective in increasing uptake of HIV testing, especially of MSM and TGW not recently tested or untested. Essential in the delivery of KP-assisted services are the presence of a destigmatized, non-judgmental, and accepting environment and pivotal roles and responsibility for peer staff and community members in the design, marketing and daily running of the program. Peer-staff perform online and offline screening and recruitment, conduct counseling, collect specimens, perform rapid on-site testing and dispense antiretroviral drugs. Peer-staff assure clients understand HIV PrEP, take informed consent, and collect monitoring and evaluation data. They are also available to answer client questions

and responsible for regular messaging to maximize HIV PrEP adherence and retention in the program. The provision of same-day delivery is essential to avoid unnecessary loss-to-follow-up during the enrollment process. For the KhmerPrEP program to reach its enrolment targets, increase the number of HIV PrEP beneficiaries and decrease the number of new HIV infections, KP-assisted service delivery may be an essential next step for Cambodia as part of its efforts to eradicate HIV from the country by 2025.

2 Standard operational procedures

2.1 Objectives

These standard operational procedures (SOP) will serve as a detailed guide for the implementation of KP-assisted, medically supervised, same-day HIV PrEP service delivery for MSM, TGW, FEW and PWID in Cambodia. This document describes procedures, tasks, and responsibilities at every step of KP-assisted service delivery. This SOP should be considered a supplement to the existing PrEP SOP implemented as part of Project **KhmerPrEP** guided by the Ministry of Health's approved PrEP Concept Note¹⁰. The visit schedule of activities and all data record forms will remain the same, with the exception of some data collected at the clinic level.

2.2 Target population

The target population of KP-assisted same-day HIV PrEP service delivery are healthy HIV-negative MSM, TGW, Female Entertainment Workers (FEW) and People Who Use or Inject Drugs (PWID/PWUD), age older than 15 years-old who want or need to protect their sexual health or that of their sexual partners.

2.3 Venue and implementing partners

The venue of implementation of KP-assisted same-day HIV PrEP service delivery are the online-, offline and physical premises of the CBO Drop-In-Centers (DIC). Local non-profit Community-Based Organizations (CBO) conducting HIV prevention work and promoting the health of MSM, TGW, FEW and PWID/PWUD across Cambodia are ideal, friendly settings attractive to KPs. Most have a long history and a wealth of experience in HIV prevention activities among KP communities and have been robust NCHADS partners in range of locally and internationally funded programs in HIV/AIDS. They have a large base of motivated volunteers of different backgrounds.

For the implementation of KP-assisted medical supervised services, CBOs will closely collaborate with the nearest existing PrEP or ART site experienced in providing medical services to persons at risk for or are HIV infected. They should have experience including HIV and Sexually Transmitted Infection (STI) testing services, prevention of sexual, parenteral and mother-to-child transmission, HIV PrEP, HIV Post-Exposure Prophylaxis (PEP) and ART. The supervising physicians will provide medical oversight to the CBO, including supervision of HIV, STI and creatinine clearance diagnostic services and prescription and dispensing of HIV prophylactics drugs on location at the CBO.

2.4 Recruitment

Recruitment of MSM, TGW, FEW and PWID for HIV PrEP eligibility evaluation will be conducted by trained CBO staff on location (walk-in), virtually via social media, during HIV prevention outreach at venues and following HIVST. All MSM and TGW evaluated for HIV PrEP will have their sexual health behavior history taken by a trained CBO counselor to determine eligibility type (see section 2.5.1). Counselors will also provide education about HIV PrEP (risks and benefits, visit schedule, collection of specimens, stopping and starting rules, daily and intermittent dosing, importance of adherence, etc.). All PrEP candidates will need to provide oral informed consent prior to receiving HIV PrEP services, including HIV and other laboratory testing.

2.5 Eligibility for HIV PrEP

2.5.1 Eligibility type

Healthy and HIV-uninfected MSM, TGW, FEW and PWID \geq 15 years of age who:

- 1) come forward to take HIV PrEP based on self-evaluation and education and wish to protect their sexual health and that of their partners without sexual health behavior evaluation (PrEP-direct or Type 1)
- 2) decide to “opt-in” to take HIV PrEP after evaluation of their sexual health behavior by an CBO counselor and (opt-in PrEP or Type 2)
- 3) are prescribed HIV PrEP based on evaluation of their sexual risk behavior by an CBO counselor unless they “opt-out” of this service (opt-out PrEP or Type 3) are eligible for PrEP².

2.5.2 Eligibility type indicators

2.5.2.1 PrEP-direct

MSM, TGW, FEW and PWID eligible for PrEP-direct services are those who want to take HIV PrEP based on self-evaluation and -education and who wish to protect their sexual health and that of their partners (if none of the ineligibility criteria applies). In these cases, there is no need for sexual behavior history taking to determine opt-in- or opt-out PrEP eligibility type. PrEP-direct candidates will proceed straight to project procedures and will have a visit schedule of activities similar to that of all other PrEP clients. PrEP-direct candidates can walk-in, may make an appointment through social media, during prevention outreach activities or via the HIVST website (khmertest.org).

2.5.2.2 Opt-in PrEP

Opt-in PrEP eligibility is suitable for MSM, TGW, FEW and PWID who may consider taking HIV PrEP now or later based on evaluation and discussion of their sexual behavior with an CBO counselor. This option is also available for MSM who are currently not at-risk for HIV-infection but may become at-risk any times in the future. Opt-in PrEP is particularly indicated for MSM and TGW who wish to take control of their sexual health in situations where safer-sex options are difficult or impossible to negotiate or when they are unsure of the sexual health behavior or HIV-status of their sexual partner(s).

2.5.2.3 Opt-out PrEP

Opt-out PrEP eligibility applies to MSM, TGW, FEW and PWID who are in need HIV PrEP based on evaluation and discussion of their sexual health behavior with an CBO counselor. These men and women are at high-risk for HIV infection and will be prescribed HIV PrEP unless they choose not to participate in the HIV PrEP program.

2.5.3 Ineligibility

Ineligible criteria are similar to those used in project Khmer PrEP. Ineligibilities are MSM and TGW who:

- 1) < 15 years of age
- 2) are HIV infected (reactive 4th Gen HIV ab/ag rapid test)
- 3) present symptoms of acute antiretroviral syndrome
- 4) have poor renal function (creatinine clearance (< 50 mL/min))

- 5) do not understand HIV PrEP or are unable or unwilling to take PrEP as instructed
- 6) cannot or do not want to comply with the HIV PrEP visit schedule and collection of specimens
- 7) do not provide oral informed consent to take HIV PrEP
- 8) have exclusionary medical or other conditions (at the discretion of the project physician).

Note: gender-affirming hormone therapy is not a contra-indication for HIV PrEP. PrEP clients with chronic or acute hepatitis B infection may take PrEP under guidance of a physician.¹¹

2.6 HIV PrEP regimens

PrEP clients will have a choice between taking a daily or event-driven HIV PrEP regimen. The pros and cons and suitability of the different PrEP regimens will be discussed with the client by the CBO counselor prior to enrollment. Clients may also decide to shift between regimens, depending on their sexual lifestyle, relationship status and changes therein. Oral co-formulated tenofovir+lamivudine (TDF/3TC) is the preferred PrEP regimen in Cambodia and can be used safely and effectively for considerable time.^{10, 12} PrEP can be taken daily (by all KP types) or intermittently (by MSM or TGW not on feminizing hormones) for short periods of time or around single events of possible HIV exposure. Daily continuous PrEP use has been shown to facilitate adherence¹³ because of its routine character and the unpredictability of HIV risk in many situations and persons. For MSM who can plan or predict possible exposure and have limited numbers of partners or high-risk sexual encounters, Event-Driven (ED) PrEP may be the preferred regimen. Dosing, starting and stopping rules and adherence to PrEP recommendations are summarized below.

2.6.1 PrEP daily dosing

This regimen is recommended for individuals who are at continuous risk or who cannot predict possible exposure to HIV infection. To be effective (98% protection against HIV infection), PrEP clients must initially take one pill daily for seven days to be considered protected and then continue one pill every day thereafter. If clients opt for daily dosing and will have sexual intercourse during those first seven days, they should protect themselves by using condoms appropriately and consistently. MSM clients initiating ED dosing may elect to continue as daily PrEP by initiating with the two-pill loading dose and daily dosing thereafter. Daily dosing is recommended for TGW, and women may not be protected until they have taken PrEP on seven consecutive days. PrEP issue levels in the neo-vagina and rectum of TGW who are on hormone therapy have been found lower lower,¹⁴ and ED PrEP may therefore be less protective and is thus not recommended for use this population.

2.6.2 Event Driven dosing

For the cisgender men, transgender women NOT taking gender-affirming hormones and non-binary individual assigned male at birth NOT taking gender-affirming hormones who may have only occasional exposure to HIV infection (such as those in eligibility Types 1 and 2), the ED dosing may be the regimen of choice. ED PrEP is taken in a 2+1+1 dose scheme and has the same efficacy as daily dosing.¹⁵ The 2+1+1 means that two PrEP pills (same PrEP drug as daily dose) are taken at least two hours but not over 24 hours before having sex and is continued as one pill per day for while sexual exposure is continuing and then 2 additional days after it has ended (e.g. two consecutive days after a 'one night' stand).¹⁵

2.6.3 Stopping rules

TGW, FEW and PWID who want to stop taking PrEP due to changes in behavior or relationship status, will need to continue taking daily PrEP for seven days after their last exposure. The same applies to MSM, but for this group one pill per day for two days after the most recent exposure is sufficient.

2.7 Visit schedule and activities

The visit schedule and activities of KP-assisted same-day HIV PrEP service delivery will be similar to those used in project KhmerPrEP (see Table 2). Following enrollment (M0), follow-up will occur at month 1 (M1), month 3 (M3) and every 3 months thereafter. CBO staff will be responsible for record taking and the completion of data forms (see **Table 2**). The eligibility checklist in the previous Form 2 can be used by CBO counselors for evaluation and discussion of sexual behavior with potential PrEP clients.

Note: Some of the data collected and procedures conducted at a CBO DIC will be different from those performed at local government and NGO clinics. Due to limited medical capacity, baseline and follow-up clinical exam will be limited to taking of vital signs (heart rate and blood-pressure), evaluation of symptoms of acute retroviral syndrome (acute HIV infection), presence of anogenital discharge (STI) and PrEP side effects (follow-up only). In case vital signs are abnormal, symptoms, discharge or side-effects are present, the client will be referred to the project physician at the supervising medical clinic. This will also be the procedure in case of other medical health issues or emergencies.

Table 2 Key-population assisted HIV PrEP service delivery: visit schedule and activities					
Form	Activities/month	M0	M1	Every 3 months	Comments
0	Instructions				
1	Client intake	X			Contact information
2	Eligibility evaluation	X			Determine eligibility type and discussion of dosing regimens
3	Baseline clinical exam	X	X	X	Blood pressure, heart rate, acute retroviral syndrome, anogenital discharge, medical problems, refer to physician if indicated
4	Laboratory testing				
	4th Gen HIV Ab/Ag	X	X	X	If HIV + refer to physician
	TPHA (syphilis)	X		X	If TPHA+ refer to physician
	Creatinine				Clients aged <30 years with no kidney-related comorbidities require no creatinine clearance (CrCl) testing to monitor renal function; clients 30-49 should have CrCl check 1-3 months after initiating PrEP and if <90ml/min checked every 6-12 months; anyone with history of renal disease or <u>> 50 years of age should have CrCl 1-3 months after initiating and every 6-12 months thereafter.</u> Please see the WHO recommendations for renal function monitoring for oral PrEP Table 1 in the Annex 1.
	HCVAb, HbsAg	X			If reactive refer to physician
5	M1 visit record		X		

6	Intimate partner violence	X		X	Questionnaire
7	Behavioral and adherence questionnaire	X		X	Questionnaire
8	Follow-up clinical exam			X	Blood pressure, heart rate, acute retroviral syndrome, anogenital discharge, side-effects, medical problems, refer to physician if indicated
9	Discontinuation				If applicable
10	Transfer out				If applicable
11	Restart				If applicable
12	Pill counting and dispensing	X	X	X	

2.8 Project flow, tasks, and responsibilities

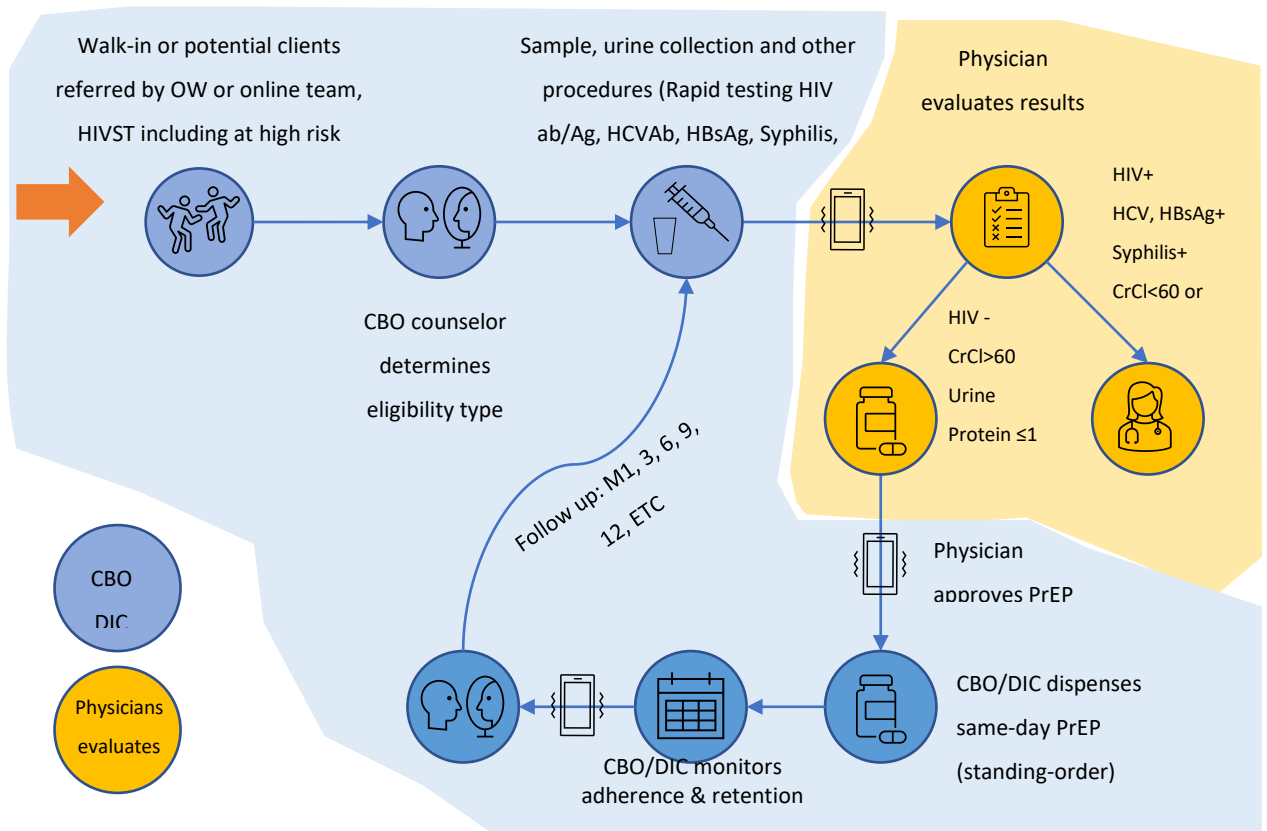
2.8.1 Community-Based Organization

Figure 2 below describes the flow, tasks, and responsibilities of KP assisted same-day HIV PrEP service delivery. From left-to-right, clients walk-in or are reached and recruited by CBO outreach and online-teams or from HIVST. The several activities will be performed by CBO lay counselors including:

- Sexual behavior history is not discussed with PrEP-direct clients unless the client desires to discuss or has questions. However, a sexual history is taken and discussed with all other clients to determine whether they should be further evaluated as opt-in or opt-out PrEP clients.
- CBO counselor will explain and discuss the two dosing regimens (daily and ED) with all PrEP candidates before they proceed to collection of blood and urine. ED will **not** be discussed with Type 3 clients. They should take daily PrEP.
- Rapid testing of blood and urine will be performed on-site immediately after collection. Scan or photograph the results and send to the physician at Hub site of clinic or hospital for evaluation.

- Meanwhile, other procedures are conducted, such as clinical exam and completion of questionnaires. If clients test HIV Ab/Ag negative and have not more than one protein present on the creatinine urine dipstick test or creatinine clearance > 50ml/mn, the physician at Hub site will notify the on-site pharmacy that HIV PrEP can be dispensed.
- CBO staff will be responsible for record taking using the data entry forms listed in table 2.
- CBO staff will be responsible for request monthly supply of drug and test kits and send to Hub site.

Figure 2: Key Population-assisted same-day HIV PrEP service delivery



2.8.2 Supervising Medical Clinic (Hub site)

- Physicians will review the scan documents (as reference and upload to DHIS2)-clinical criteria (Form 3) and lab test result (Form 4) and then, immediately inform or approve to CBO through PrEP real time database
- Physicians at Hub site will prescribe PrEP drug to PrEP client after approval by clicking “**yes**” on prescription box in DHIS2 tracker

- If clients test HIV Ag/Ab positive, they will be referred to the project physician for further evaluation and management:
 - All those who test hepatitis C virus (HCV-Ab) or hepatitis B surface antigen (HBsAg) reactive or who have a reactive *Treponema pallidum* hemagglutination assay (TPHA), will be referred to the Hub site for further evaluation and management.
 - Any client with more than 1+ protein present in urine, will be referred to a commercial lab for creatinine clearance testing. If <50ml/min, they will be referred to Hub site. If >50ml/min, the results will be sent to Hub site for confirmation by the Hub physician that PrEP can be initiated or stopped.
- The pharmacist and stock manager of Hub site will compile the quantities of ARV PrEP drugs and test kits which request by CBO before submission to NCHADS for the quarterly supply.

2.8.3 NCHADS and technical advisory staff

- **Technical team of NCHADS including ACU, BCC and STI units:** Will oversee the PrEP implementation at all stages of implementation including demand creation. NCHADS technical team will provide training to CBO before starting **PrEP delivery**.
- **Data Management Unit:** CBO, CBO PrEP implementation procedure, data management and reporting using DHIS 2 tracker are under the management of data management unit of NCHADS.

2.9 Adherence and retention

Importance of PrEP adherence will be addressed at enrollment and every follow-up visit by an CBO counselor. During follow-up, counseling will be supported by client pill taking and exposure self-report and left-over pill-count. Those who are poorly adherent but are willing and eligible to continue PrEP should be given additional adherence counseling or referred to peer-based adherence support services. Those with persistent insufficient adherence (<4 pills per week for daily use and repeated unprotected exposures for intermittent use) after counseling may compromise both PrEP efficacy and individual safety, which may lead to HIV drug resistant and should therefore be taken off PrEP (to be decided after consultation of the Hub physician).

Apart from PrEP adherence, project retention is of significance. Retention will be maximized by arranging fixed visit dates and times, appointment cards for participants, SMS, social media or email reminders and direct contact by an CBO counselor by phone call or social media application in case of no-show. Clients

will be considered lost-to-follow-up if two consecutive visits are missed. Since HIV exposure may not be continuous, clients may decide to discontinue PrEP and restart later. In this case, discontinuation, and restart forms (Forms 9 and 11) will need to be completed. If a client is referred to a clinic or hospital for medical or other reasons, a transfer out form is available (Form 10). This may be followed by completion of a restart form should the client return and reinitiate PrEP.

2.10 On-site pharmacy

Good pharmacy practices are essential for successful implementation of HIV PrEP service delivery. This includes proper storage, stock management, and record-taking of dispensed, returned and disposed HIV PrEP drugs. Drugs need to be stored in a locked cabinet with controlled access by designated persons only. Records need to be taken of whom unlocked the cabinet on what day and time, and how many bottles of drugs were taken out. Room temperature should be monitored to assure that the drug will not be damaged by excess heat. A dedicated CBO staff member should be tasked with management of the onsite pharmacy and timely ordering of sufficient drugs to serve new and returning HIV PrEP clients. The onsite pharmacy manager will also oversee the ordering, storage and stock management of blood and urine collection materials, labelling, rapid tests (HIV, TPHA, HCV, HBsAg, urine protein and safe disposal of used materials and laboratory waste.

3 Coordination and monitoring

3.1 Coordination and technical support

Monthly coordination meetings will be arranged to review implementation as well as to address any challenges that may arise during this time. CBO staff will set up the date and time schedule of meetings, prepare the agenda and take minutes. Attendees will be from CBO, NCHADS, FHI360 EpiC and other partners. Technical support will be provided as needed by NCHADS and FHI360 EpiC staff.

3.2 Monitoring and evaluation

The standard tool for PrEP monitoring and evaluation will be used to track progress of KP-assisted HIV PrEP service delivery. CBO staff will be responsible for data recording and entry using real-time PrEP data tracker using DHIS2 system that is part of the national prevention database (NPD) (link here: <https://npd.nchads.org>). The real-time PrEP data tracker in DHIS2 will automate aggregate data from every

PrEP site into the national prevention database and make data available for users at site level for both community and health facility, provincial level and the national level so that key stakeholders involved in the PrEP implementation, technical support and management will be able to access PrEP data (PrEP dashboard in DHIS2) and use data to improve program performance. Data management unit (DMU) of NCHADS will review data in DHIS2 system frequently (biweekly basis) to ensure consistency, accuracy and completeness of reported data in the system and will communicate with PrEP sites and CBOs to ensure data quality.

Key indicators of KP-assisted same-day HIV PrEP service delivery for MSM and TGW are:

- Number of clients who were offered HIV PrEP (by client types)
- Number and percent of clients who underwent eligibility screening
- Number and percent of clients by type of eligibility or reasons for ineligibility
- Number and percent of clients who initiated PrEP (same-day or otherwise and by regimen, daily or ED)
- Number and percent of clients retained by visit number (M1, M3, M6, M9, M12 and so on)
- Number and percent of clients with PrEP interruption (by discontinuation, transfer out, restart and lost-to-follow-up).
- Number and percent of HIV seroconverted clients
- Number and percent of HIV seroconverted clients who were successfully referred for ART

It is very important to have a frequently meeting, can be monthly and quarterly, among PrEP implementers under the leadership of NCHADS to review data of core indicators to see the progress of the implementation, identify challenges, and define possible solution to overcome challenges.

4 Training

Before KP-assisted same-day HIV PrEP delivery can be implemented, appropriate training of community members who will serve as lay providers is crucial. The following training schedule (see table 3) aims to educate CBO staff members, counselors, and other volunteers about the essentials of KP-assisted PrEP delivery and all activities, roles and responsibilities that are part of this process.

Table 3 Key-population assisted HIV PrEP service delivery: training schedule		
Subjects	Training methods	Time
<p>1 PrEP</p> <ul style="list-style-type: none"> • What is PrEP, why do we need it and for who is it? • KP-assisted same-day HIV PrEP service delivery, why do we need it? • How to take PrEP? different regimens? 	<ul style="list-style-type: none"> • Lecture, PowerPoint presentation • Q and A 	2 hours
<p>2 Project flow, visit schedule, and activities</p> <ul style="list-style-type: none"> • PrEP education • Eligibility screening • Discussion of PrEP regimens • Enrollment and follow-up visits • Record taking 	<ul style="list-style-type: none"> • Lecture, PowerPoint presentation • Q and A 	2 hours
<ul style="list-style-type: none"> • Clinical exam • Specimen collection • Rapid testing • Scanning, communicating and storage of results • Disposal of medical waste • Behavioral, adherence, and intimate partner violence questionnaires 	<ul style="list-style-type: none"> • Lecture, PowerPoint presentation • Practice collection and testing of specimens • Practice questionnaire taking • Q and A 	2 x 2 hours
<ul style="list-style-type: none"> • Motivational counseling • Adherence counseling • Appointment scheduling and retention • Discontinuation, transfer-out and restart 	<ul style="list-style-type: none"> • Lecture, PowerPoint presentation • Role-play and practice in pairs • Q and A 	2 hours
<p>3 Good on-site pharmacy practices</p> <ul style="list-style-type: none"> • Receiving, storing and controlled access of drugs and test kits • Stock management and ordering • Receiving results of HIV and Cr testing • Drug dispensing and disposal of returned drugs • Record keeping 	<ul style="list-style-type: none"> • Lecture, PowerPoint presentation • Q and A 	2 hours

Table 3 Key-population assisted HIV PrEP service delivery: training schedule		
Subjects	Training methods	Time
4 Summary and post-training knowledge assessment	<ul style="list-style-type: none"> Lecture, PowerPoint presentation Self-completed questionnaire Q and A 	2 hours
Duration of training		14 hours =2.5 days

Annex 1: Renal function monitoring for oral PrEP in Cambodia

Population		Initiation	Follow-up
Kidney-related comorbidities	Age		
No	<30	No	No
No	30-49	No	At M3 after initiation, If M3 (CrCl<90ml/min), Follow up every 6 months
No	≥50	Yes	Every 6 months from M0
Yes	Any age	Yes	At M3 and every 6 months after M3

**Note: at any time, if PrEP clients suspected of Kidney-related comorbidities develop, then the CrCL should immediately done.*

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