

Joep MA Lange, MD, PhD, Memorial Lecture

Having the Courage of Our Convictions

Nittaya Phanuphak, MD, PhD
Thai Red Cross AIDS Research Centre

CONTROLLING THE HIV EPIDEMIC WITH ANTIRETROVIRALS
HAVING THE COURAGE OF OUR CONVICTIONS
October 1-2, 2015 – Paris, FRANCE





COURAGE is never without fear.

COURAGE exists when there is fear, but **DECISION TO ACT** defeats fear.

Shh....Don't talk about HIV. It'll destroy the tourism.



Concern



Mechai Viravaidya "Mr. Condom", 1980's-1990's promotion of condom use for HIV prevention, often in controversial ways



I'M OK WITH THIS.

HIV and safe sex message as "value-added" component to a travel business



Courage

Dame Elizabeth Taylor and Prof. Prapapan Phanuphak

brought HIV/AIDS issues into the mainstream at a national, regional and global level

The best of Gay Asia

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CHANGE DESTINATION

Travel | Safer Sex | Free Downloadable Guide

Safer Sex Guide for gay men

We love sex – all sorts of sex, in all sorts of positions, in all sorts of places. Unfortunately, sex exposes you to a risk of catching a disease. Understanding the risk can help you set limits, have more fun and stay healthy. So, in partnership with Adam's Love, we have produced a Safer Sex guide for gay men. The guide is free. You don't need to give us any information.

FREE PDF
Click here to download

Help Adam's Love
Please take a few minutes to help Adam's Love by completing their short survey. [Click here to begin.](#)

Travel Gay Asia | ADAM'S LOVE for Men who Love Men

Safer Sex Guide covers:

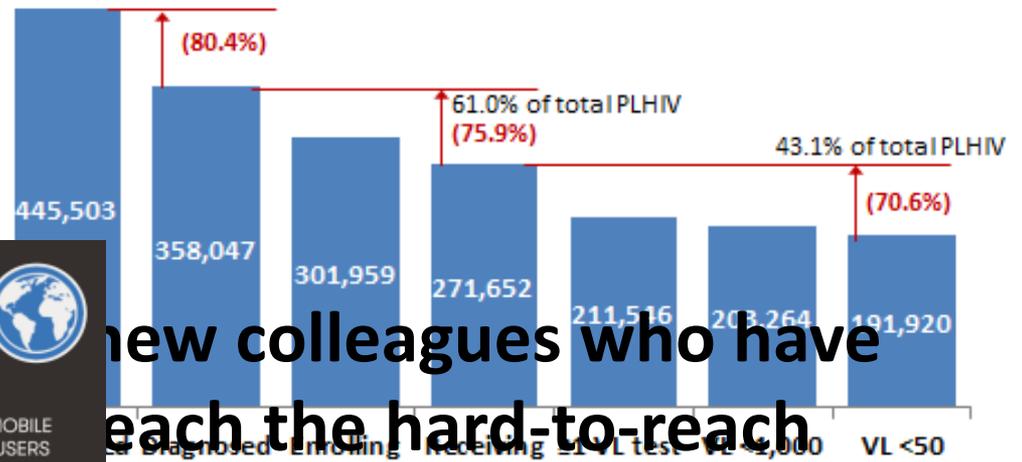
- Risks associated with different types of sexual activity
- Understanding the diseases
- PDF file, formatted for easy reading a mobile, tablet or desktop
- How to reduce the risk
- Where to get tested
- No registration required. Just click to download

Produced in association with Adam's Love, Thailand's Official MSM Health Website and The Thai Red Cross AIDS Research Center. Images © Adam's Love.

Couldn't reach any more hard-to-reach populations and bring them into HIV prevention and care.



Thailand 90-90-90 cascade



new colleagues who have reached the hard-to-reach work with them.”

GARP (Reported from NAP-Plus, Thai GPO, AEM and NAPHA-Extension), as of 2014

AUG 2015 GLOBAL DIGITAL STATISTICS

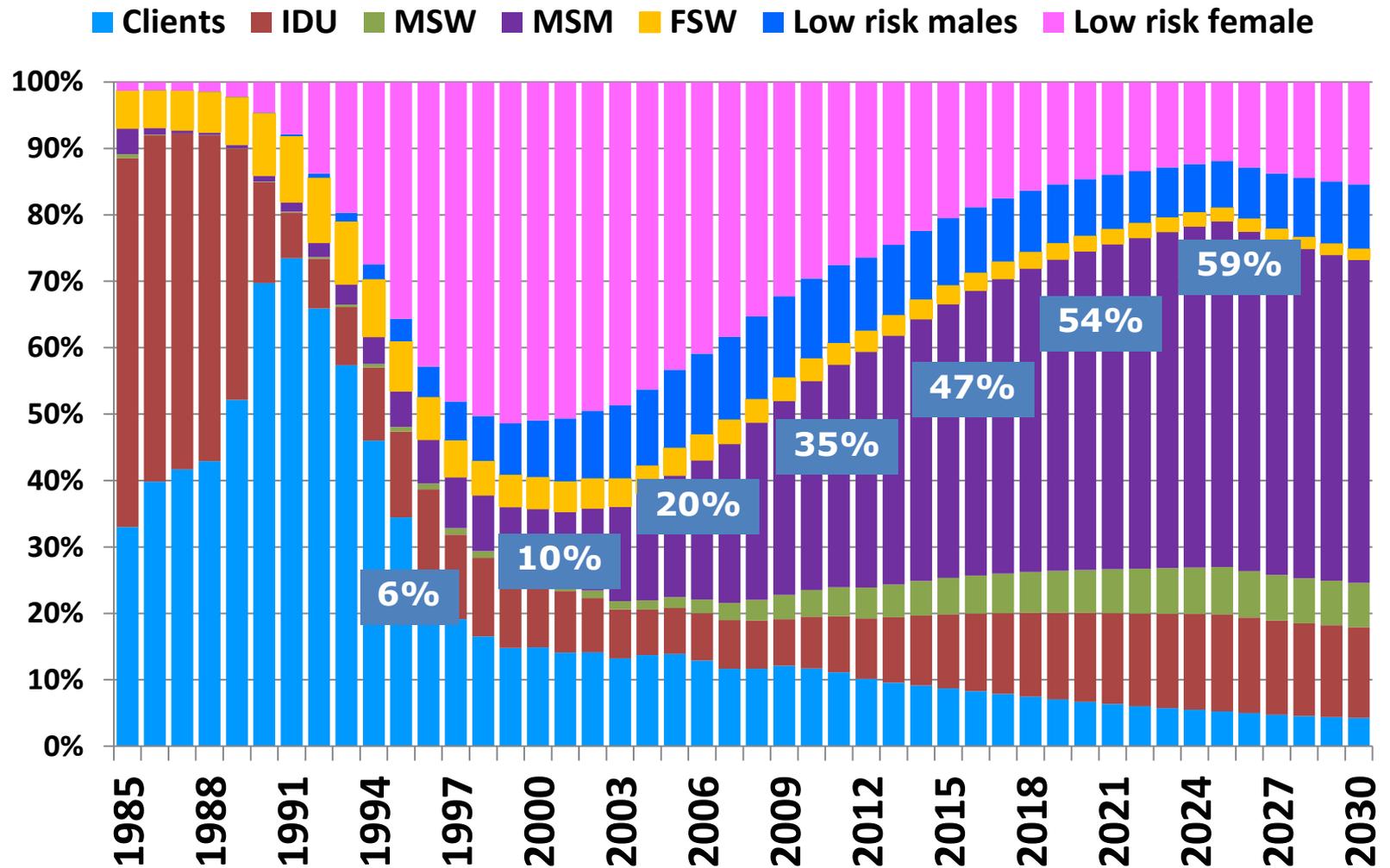
TOTAL POPULATION	ACTIVE INTERNET USERS	ACTIVE SOCIAL MEDIA USERS	UNIQUE MOBILE USERS	ACTIVE MOBILE SOCIAL USERS
7.357 BILLION	3.175 BILLION	2.206 BILLION	3.734 BILLION	1.925 BILLION
URBANISATION: 53%	PENETRATION: 43%	PENETRATION: 30%	PENETRATION: 51%	PENETRATION: 26%

FIGURE REPRESENTS TOTAL GLOBAL POPULATION INCLUDING CHILDREN. FIGURE INCLUDES ACCESS VIA FIXED AND MOBILE CONNECTIONS. FIGURE REPRESENTS ACTIVE USER ACCOUNTS ON THE MOST ACTIVE SOCIAL PLATFORM IN EACH COUNTRY, NOT UNIQUE USERS. FIGURE REPRESENTS UNIQUE MOBILE PHONE USERS. FIGURE REPRESENTS ACTIVE USER ACCOUNTS ON THE MOST ACTIVE SOCIAL PLATFORM IN EACH COUNTRY, NOT UNIQUE USERS.

We Are Social • Sources: Worldometers, InternetLiveStats, Facebook, Tencent, InternetLiveStats, GSMA Intelligence <http://wearesocial.sg> @wearesocialsg



Increasing proportion of new HIV infections in Thailand from MSM over time





สภากาชาดไทย
The Thai Red Cross Society

Adam's Love website

<http://www.adamslove.org/>



Phan Wannamethee, Secretary General,
Thai Red Cross Society



Sep 2011 – Aug 2015

- Visitors: **2.3M (21% repeat visitors)**, Page views: **10.8M** pages
- Edutainment Video Views: **1.4M** views
- Webboard / Facebook / E-mail: Average **20 questions/day**
- 25% of TRC Anonymous Clinic clients came because of Adam's Love

關於我們

娛樂資訊

亞當樂園

愛滋基本小常識

性愛與生活

專家意見

加入我們

媒體

亞當的愛 CLUB

亞當需要你

預約愛滋篩檢

亞當線上留言板

安全性行為小撇步

愛滋篩檢三步驟

附近的篩檢點

愛滋病治療與用藥

暴露後預防性投藥 /
暴露前預防性投藥

專家意見

照護與支持

代言大使

幕後花絮

獲得免費T恤



你今天篩檢HIV了嗎?

索取免費的「For Men Who Love Men」
T恤與獨家的「Adam's Love 套套量尺」



附近免費的篩檢中心
HIV Testing Sites Near You

WHAT'S HOT

Most Viewed

- [Rendezvous with Adam's Love Ambassador - STEVEN LIN](#)
- [Rendezvous with Adam](#)
- [The 8th IAS Conference on HIV Pathogenesis, Treatment and Prevention \(IAS 2015\), Vancouver](#)
- [Acute HIV infection detection and control reduces HIV infectiousness and transmission risk](#)

LOGIN

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Username:

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Remember Me:



• [愛滋病毒感染後會有什麼症](#)



• [愛滋病毒篩檢的簡單三步驟](#)

ASK OUR EXPERTS

[Video](#) | [Podcasts](#)



TemanTeman website in Indonesia and Malaysia



- TemanTeman Mobile clinic in a mall
- 103 tested in 2 days
- 51% were MSM, 28% were heterosexual men and 21% were women
- 81% were first-time testers

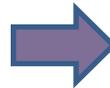


Community-based service delivery models: Mobile Clinic to sauna and spa venues

- Provides MSM-targeted services such as body composition measurement → Rapid HIV testing and syphilis testing
- 438 men → 75% had HIV testing (47% were first-time testers) → 19% HIV prevalence, 60% had CD4 count and 50% had CD4 count <350 cells/mm³



HIV self-testing



The screenshot shows the ADAM'S LOVE EHR Portal interface. At the top, there is a navigation bar with "Home", "My Health Record", "Appointments", "Messages", and "Contact Us". The main content area is divided into several sections:

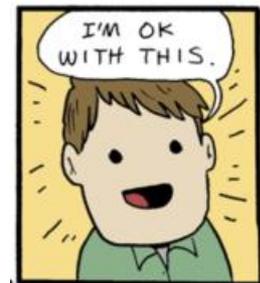
- MEMBER DEMOGRAPHICS:** Name: Somchai Sukjai, Age: 28, Account Create on 10/08/2014, E-mail: somchai@hotmail.com.
- POST TEST:** 22/06/2015: คุณสมชายจะซื้ออุปกรณ์การตรวจอีกครั้ง ใน 1 เดือน ใช้งานในวันที่ 22/07/2015. 15/06/2015: คุณสมชายจะซื้ออุปกรณ์การตรวจอีกครั้ง ในวันที่ 22/07/2015. [View All](#)
- SCHEDULE AN APPOINTMENT:** A calendar for June 2015 with a legend for "Adam Clinic" and "Online Testing".
- LAB RESULT:** 15/06/2015: ผลการตรวจจากโรงพยาบาล ... (โรงพยาบาล เป้าโรค)... [View All](#)

On the left side, there are navigation buttons for "Health Profile", "Reminders" (5 unread message), "Referrals", "Survey", and "Risk Assessment". At the bottom, there is a footer with logos for the Thai Red Cross AIDS Research Centre and amfAR, along with social media icons and a language selector.

Only professionals can provide HIV testing, start ART and maintain ART, this is a specialty!



“Hundred millions more HIV testing are needed each year, millions ART initiation and maintenance need to be done, community people with commitment are ready to be trained and qualified.”



Capacity Strengthening for Service Delivery in Community-Based Organizations

Service delivery capacity strengthening

- Didactic, hands-on, performance log
- At Thai Red Cross Anonymous Clinic and on-site
- Finger prick blood collection, HIV testing, syphilis testing, POC CD4



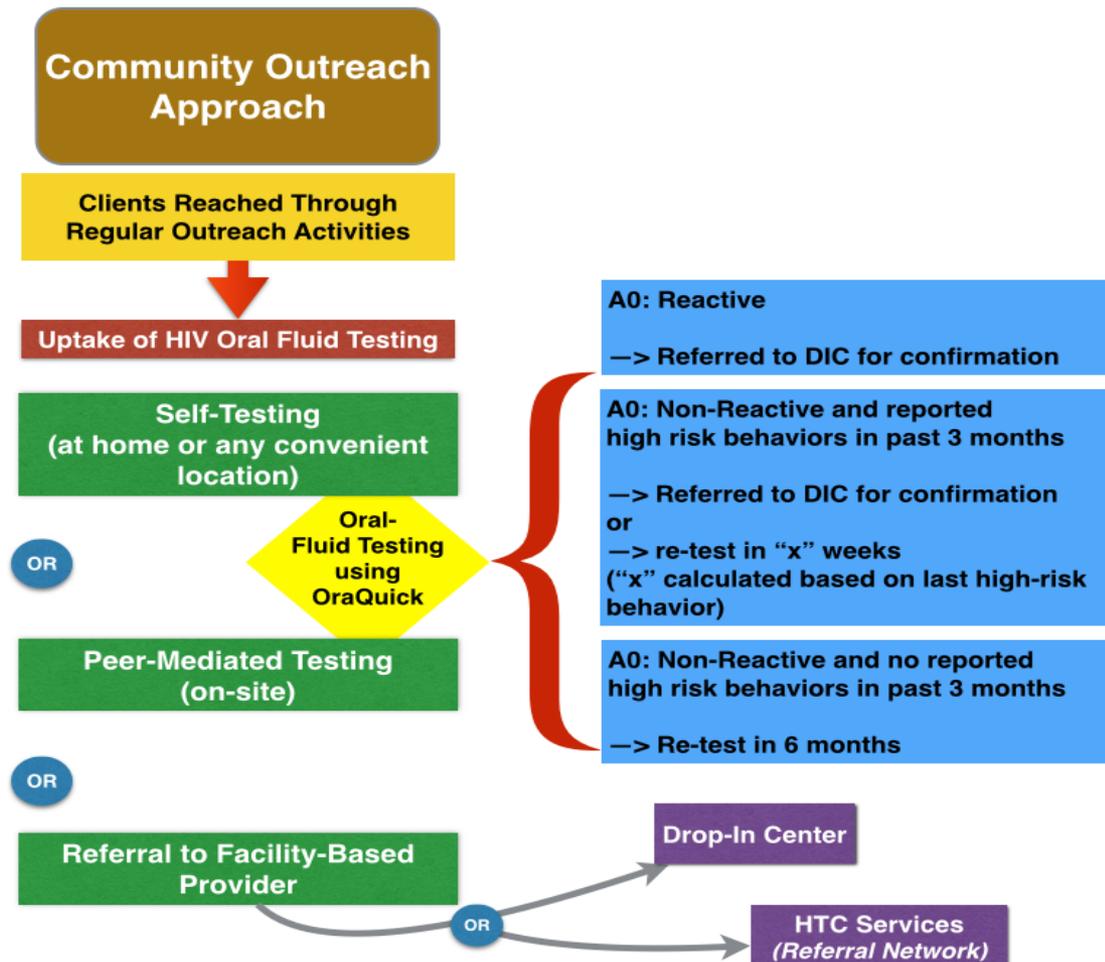
Capacity Strengthening on Service Delivery in Community-Based Organizations

Service delivery capacity strengthening

- STI sampling from anus, neovagina, oro-pharynx
- STI counseling and treatment
- TB screening and prevention



Exploring peer-mediated and self-testing using oral fluid HIV test kit



Capacity Strengthening on Service Delivery for Transgenders and People Who Inject Drugs



People with high CD4 count don't want to start ART. They will have poor adherence and cause widespread resistance.

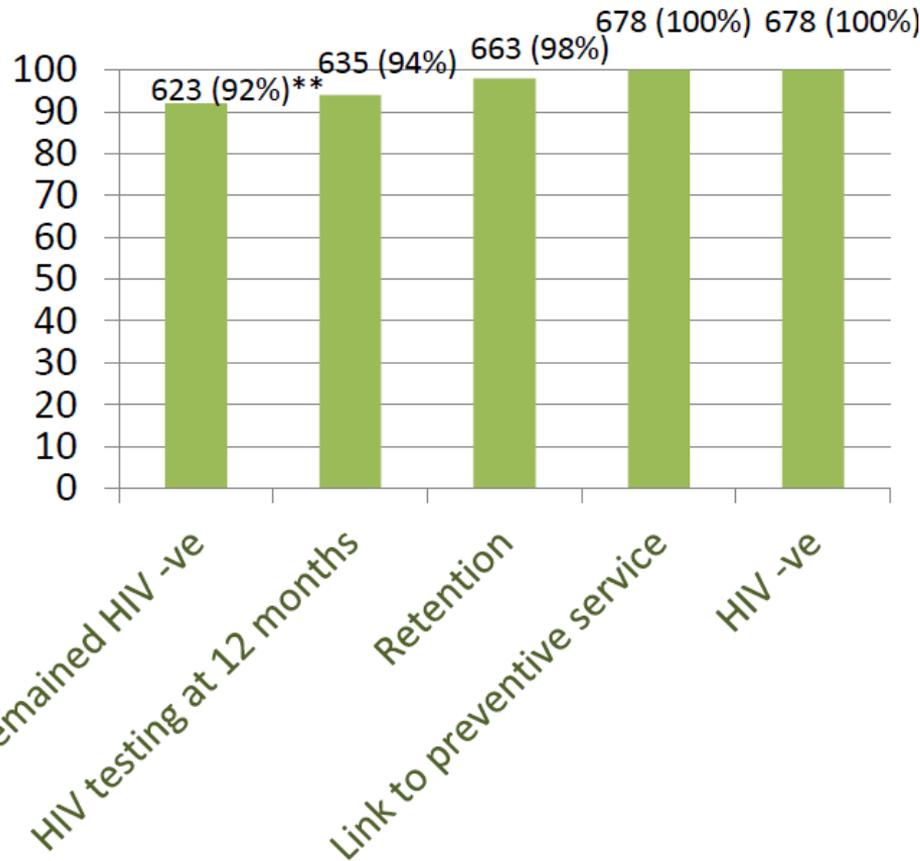


“Don't judge people. Enthusiasm and dedication are there! A new generation of service providers can be created and new technology can be used.”



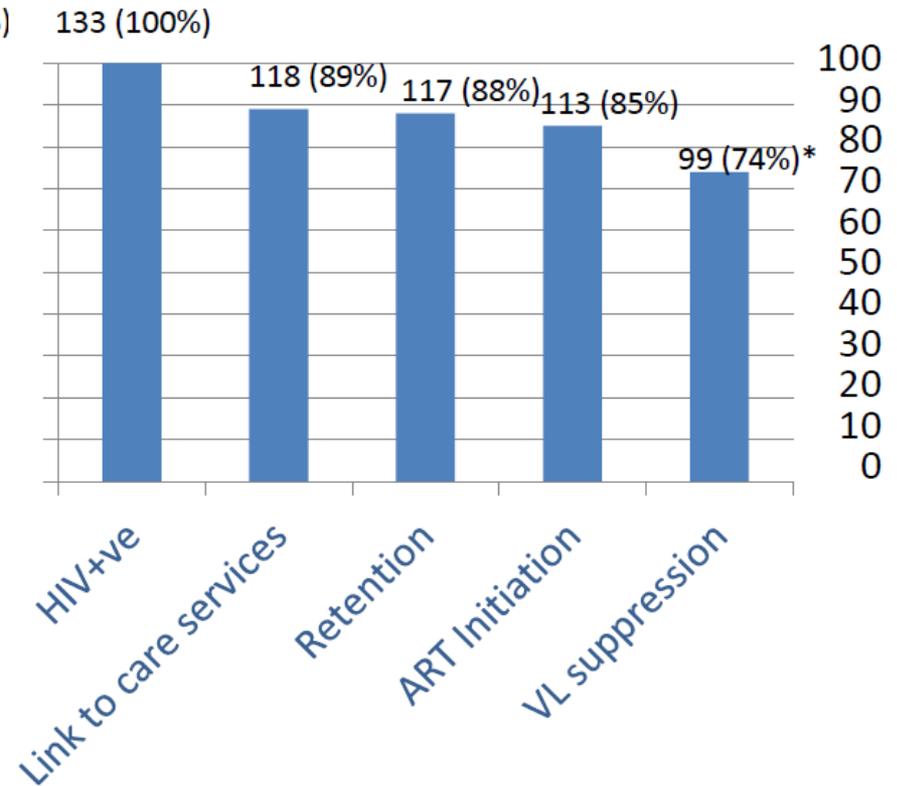
12-month Prevention and Care cascades in Thai MSM and TG Test and Treat study

HIV Prevention Cascade



**32 seroconverted prior to or at month 12

HIV Care Cascade



*Only 104 had VL at 12 months after ART, 99/104 (95%) had VL <50 copies/mL

Created based on Dr Frits van Griensven's double-sided HIV preventive and therapeutic care continuum

Funded by NRC, WHO, Aids Fonds, TREAT Asia, NHSO, GPO, DDC, TRCARC

CD4 and HIV RNA change after ART

November 2012 – March 2015

- CD4 count

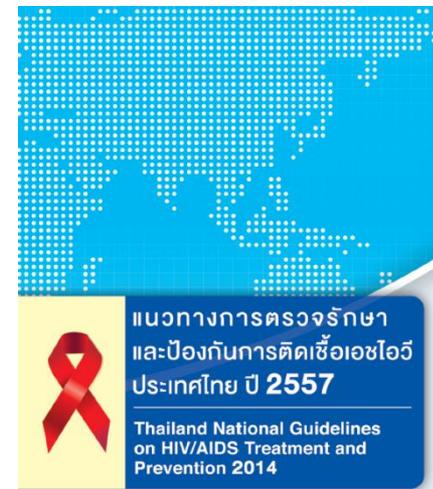
CD4 count (cells/mm ³)	HIV+ before ART (n=155)	Month 6 on ART (n=147)	Month 12 on ART (n=130)
Median	349 (246-464)	505 (368-625)	507 (375-675)
<350	78 (50%)	32 (23%)	22 (19%)
350-500	49 (32%)	35 (25%)	32 (27%)
>500	28 (18%)	71 (52%)	63 (54%)
Missing	-	9	13

- Blood plasma HIV RNA

VL (copies/ml)	HIV+ at baseline (n=153)	Month 6 on ART (n=139)	Month 12 on ART (n=120)
< 50	0%	86%	96%
<1,500	2%	96%	99%

Thai MSM and TG Test and Treat Study

- 2014-2016: Bangkok, Hat Yai, Pattaya, Chiang Mai, Pathumthani, Khonkaen, Udonthani
- Test the **facility-based model** (n=2,000) vs. **community-based/led model** (in 6 drop-in centers, n=6,000) and to study **costing**
- Integration of **Prophylaxis (PrEP)** into these models (PrEP now recommended in the 2014 Thailand National Guidelines on HIV/AIDS Treatment and Prevention)



Numbers of Enrolled Participants as of September 24, 2015

“High level of understanding about 90-90-90 and mutual commitment to achieve the goals among community partners”

CBOs	Enrolled Participants	HIV-Negative	Inconclusive	HIV-Positive	Seroconversion	Exclusion**	%Consent for ART	Start ART
SWING BKK 6 May 2015	157	133	0	24 (15%)	0	4	100%	15 (75%)
RSAT BKK 22 May 2015	156	109	1*	44 (28%)	1	4	98%	28 (68%)
SISTERS 26 June 2015	57	50	0	7 (12%)	0	1	100%	6 (100%)
CAREMAT 1 July 2015	207	178	1*	24 (12%)	0	6	100%	11 (55%)
SWING PTY 16 July 2015	73	55	0	17 (23%)	0	15	100%	8 (47%)
RSAT HDY	0	0	0	0	0	0	0	0
<i>Total</i>	650	525	2	116 (18%)	1	15	99%	68 (65%)

*In follow-up process for repeat testing

**Age <18 years, known HIV-positive status



Numbers of Enrolled “TG” Participants as of September 24, 2015

CBOs	Enrolled Participants	HIV-Negative	Inconclusive	HIV-Positive	Seroconversion	Exclusion*	%Consent for ART	Start ART
SWING BKK 6 May 2015	8 (5%)	8	0	0 (0%)	0	0	100%	0
RSAT BKK 22 May 2015	28 (18%)	23	0	5 (18%)	0	0	100%	4 (80%)
SISTERS 26 June 2015	52 (91%)	47	0	5 (10%)	0	0	100%	5 (100%)
CAREMAT 1 July 2015	66 (32%)	58	0	6 (9%)	0	2	100%	3 (75%)
SWING PTY 16 July 2015	11 (15%)	11	0	0 (0%)	0	0	100%	0
RSAT HDY	0	0	0	0	0	0	0	0
Total	165 (25%)	147	0	16 (10%)	0	2	100%	12 (86%)

*Age <18 years, known HIV-positive status

Mindset and skills for TasP and HIV prevention



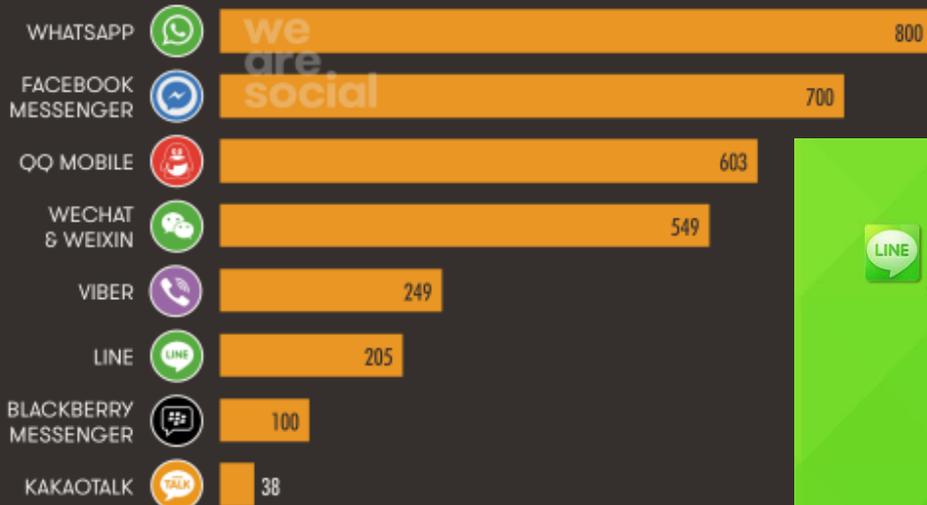
- Health care providers need to have their skills refreshed and strengthened for TasP and HIV prevention



AUG 2015

CHAT APPS: ACTIVE USER NUMBERS

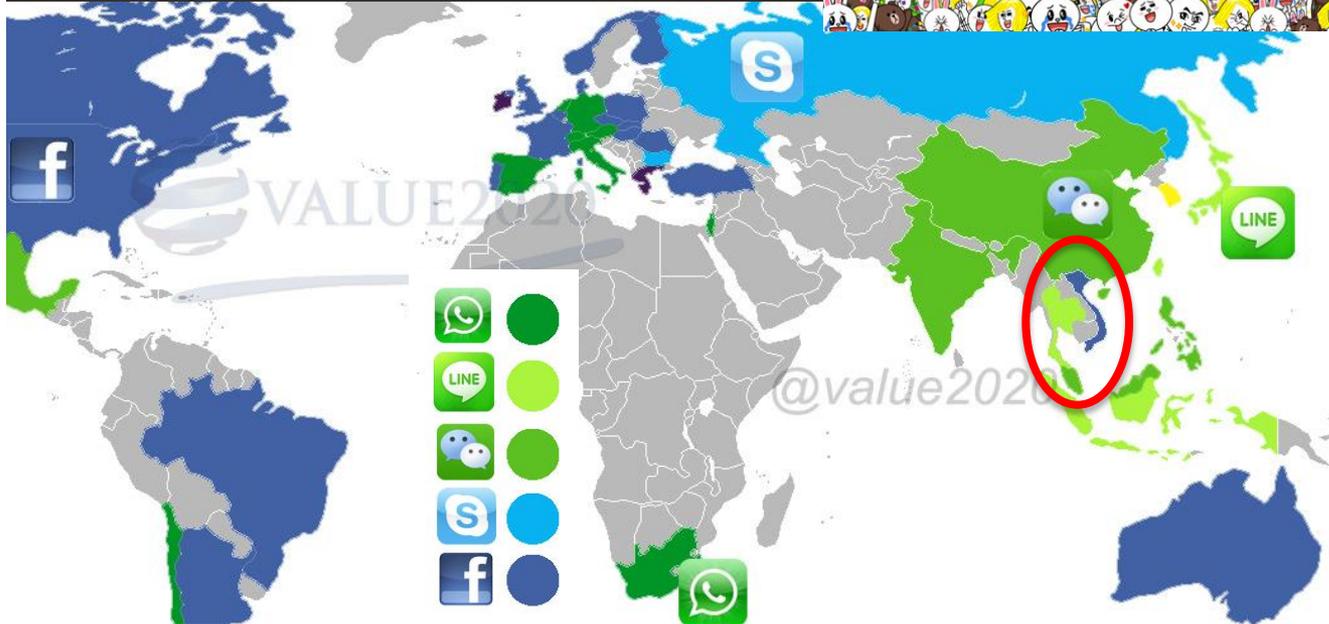
BASED ON ACCOUNTS THAT LOGGED IN AT LEAST ONCE IN THE MOST RECENT 30-DAY REPORTING PERIOD, IN MILLIONS



We Are Social - Sources: Latest company statements, correct as of 01 August 2015

<http://wearesocial.com>

Retention and adherence support



PrEP encourages barebacking, causes widespread resistance, serious side effect, and 'burden' to HIV treating doctors, why don't just use condom!



“PrEP is here now for people who couldn't always use condom, side effects are manageable, non-MD/non-ID may be more skilled to provide PrEP.”



PrEP Service Delivery Models

I'm a treating doctor.
Prevention is condom!
Please leave me alone.



Don't panic, doctor.
That is very fine with me. I actually need
someone who I can trust in his/her capabilities to
assess my risk, carefully guide me to
select my prevention tools, and support
me to use them and come back
for HIV testing.

Community engagement

- Engagement of CBOs and other local stakeholders in Bangkok and Pattaya for PrEP studies
- Community Advisory Board formed during PrEP community forum



PrEP-30 program at Thai Red Cross Anonymous Clinic

PrEP-30: a self-paid service (30THB per day) to increase awareness and access to PrEP among at-risk populations at TRC Anonymous Clinic

About PrEP-30



PrEP-30 is a service project at the **Anonymous Clinic, The Thai Red Cross AIDS Research Centre** offering PrEP for Thai and foreigners to provide "tenofovir/emtricitabine" or "TDF/FTC" (also sold under the brand name Truvada in western countries) for MSM as part of a combined HIV prevention program that includes counseling, HIV, Hepatitis B and Kidney testing, and the provision of condoms and lubricants under the fee of 30 Thai Baht (~1 USD) per day.

What is PrEP?

Criteria for PrEP-30

PrEP

ป้องกันได้ถึง 92 %

วันนี้คุณสามารถป้องกันตัวเอง จากการติดเชื้อเอชไอวีได้แล้ว ด้วย "ยาเพร็พ" (PrEP) ความก้าวหน้าล่าสุดทางการแพทย์

By 92%... You can now prevent yourself from getting infected with HIV with PrEP, a latest advancement in medical science!

ถ้าคำตอบของคุณคือ "ใช่" ในข้อใดข้อหนึ่งตามคำถามด้านล่างนี้ล่ะก็ ยาเพร็พอาจเป็นตัวเลือกที่ดีสำหรับคุณ
If you answer "yes" to any of the questions below, PrEP may be right for you.

ADAM'S LOVE for Men who love Men

ANGKRIZ

There's love enough but none.

Pre Exposure Prophylaxis

0:45 / 3:34

เพร็พ (PrEP) คือสูตรยาต้านไวรัส ที่ให้ทานเป็นประจำวันเพื่อลดความเสี่ยง และป้องกันการติดเชื้อเอชไอวี ใช้สำหรับกลุ่มผู้ที่ไม่ใช่เอชไอวี แต่มีความเสี่ยงสูง

สอบถามหรือขอรับฟรีได้ที่ คลินิกนิรนาม

ADAM'S LOVE for Men who love Men

Summary

- **Courage** is what has taken us to today and will lead us to the 90-90-90 goals.
- Strong **collaborative efforts** among CBOs, technical partners, local health facilities, policy/regulatory institutions and funders are crucial to move forward and end the AIDS epidemic.
- This is a learning process for everyone, so enjoy! Also be aware that ‘people’ are watching you...



Thank you to all my mentors and colleagues who have taken courage in the HIV field and allowed me to join in.

