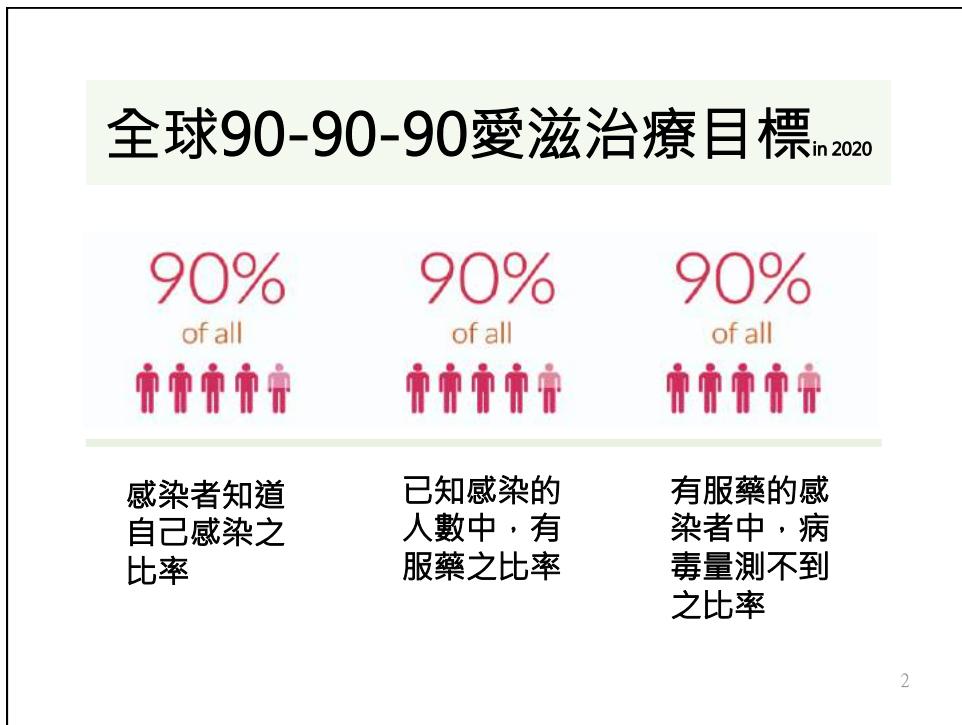
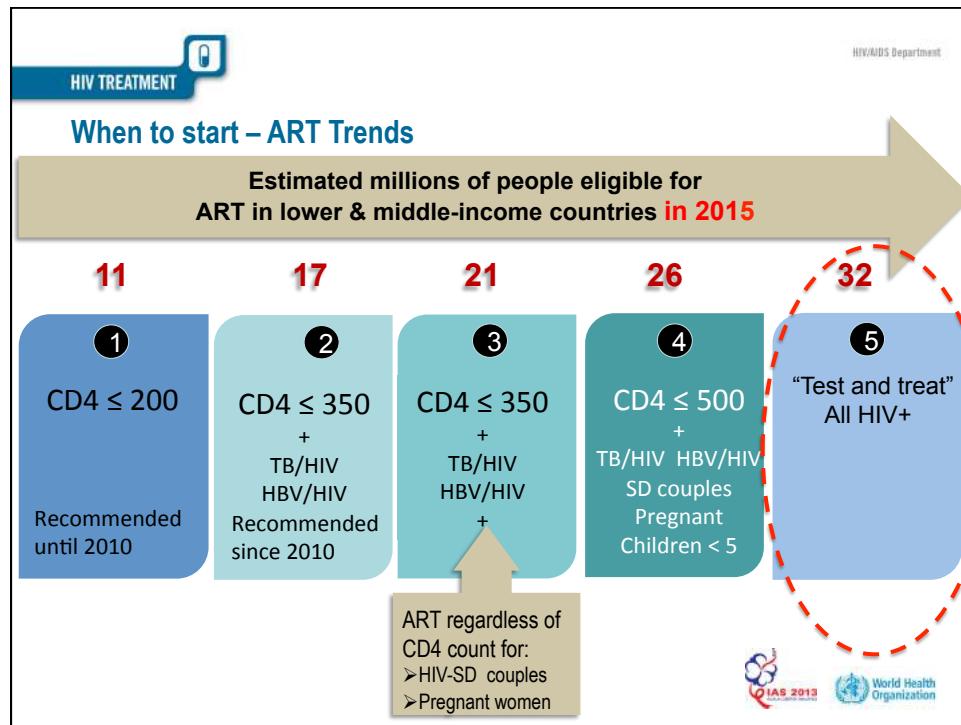
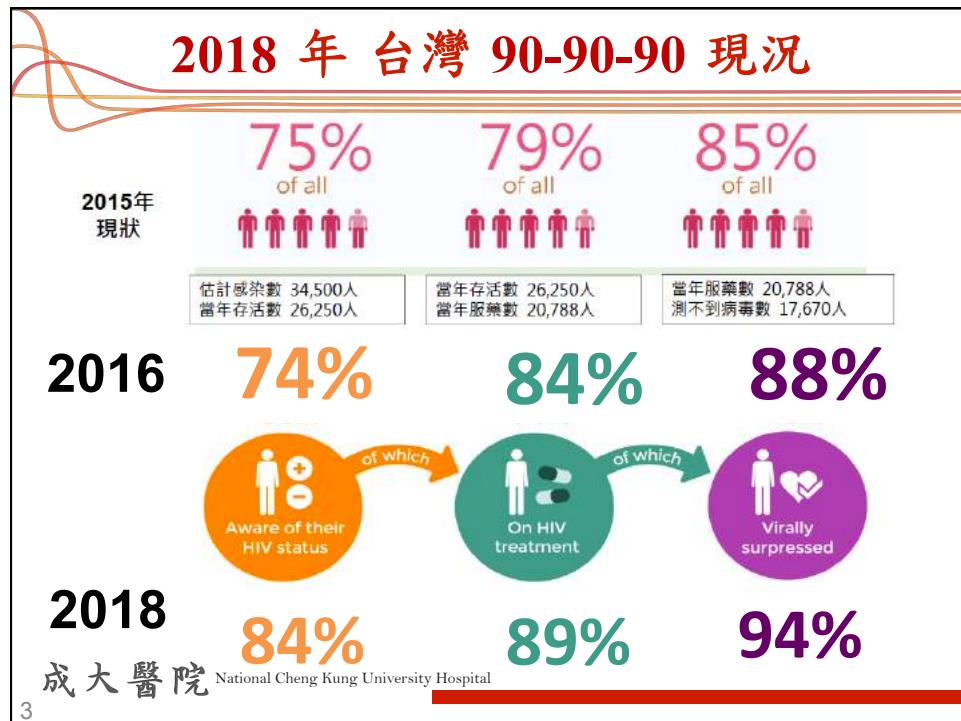


終結愛滋 新選擇
PrEP 預防性投藥

Nai-Ying Ko RN, Ph.D.
National Cheng Kung University Hospital





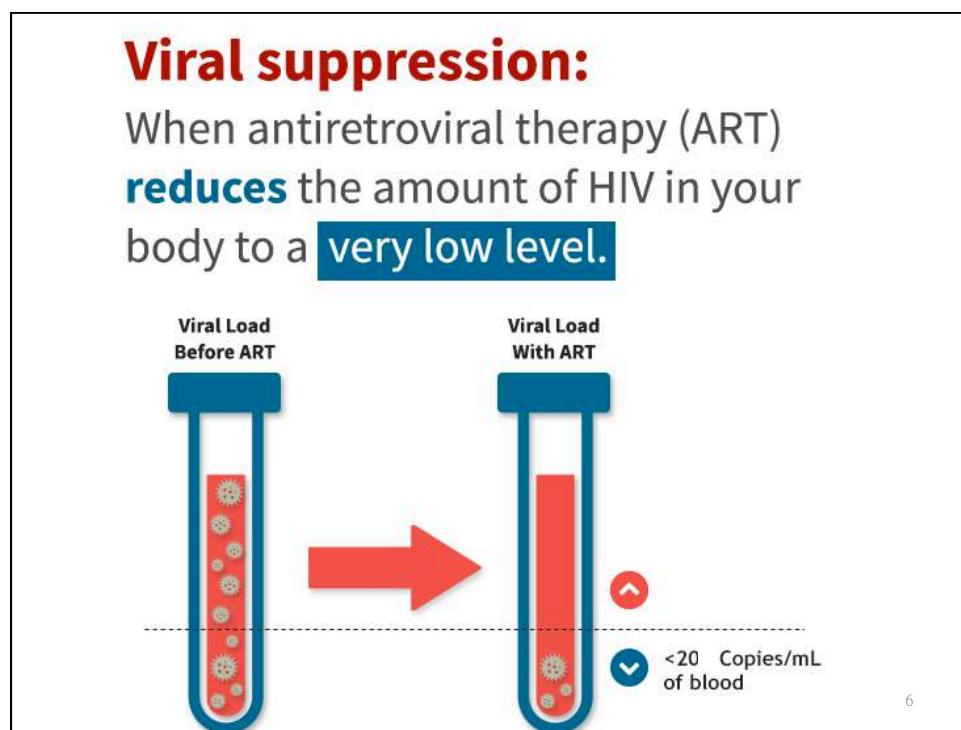


一天一粒，輕鬆自在

123	GSI	572 Tri	510	
藥品	亞翠佩	康普萊	三恩美	捷扶康
上市時間	2006	2011	2014	2015
高病毒量患者 (>100,000)	效果相當	病毒控制效果較差、 易產生抗藥性	效果相當	效果相當
B型肝炎	可同時治療	可同時治療	效果較差	可同時治療
腎功能影響	部分病人可能造成腎 功能變差	部分病人可能造成腎 功能變差	影響較小	影響較小
骨密度影響	可能加速骨質流失	可能加速骨質流失	影響較小	影響較小
常見副作用	頭暈、失眠、憂鬱	頭暈、失眠、憂鬱	頭痛、腸胃不適	腸胃不適、腹瀉
藥物交互作用	較單純	較單純	較單純	較多、需小心使用

成大醫院
National Cheng Kung University Hospital
since 2016

5



Treatment as Prevention

TREATMENT IS PREVENTION

Antiretroviral treatment can reduce HIV transmission by up to...

96%

7

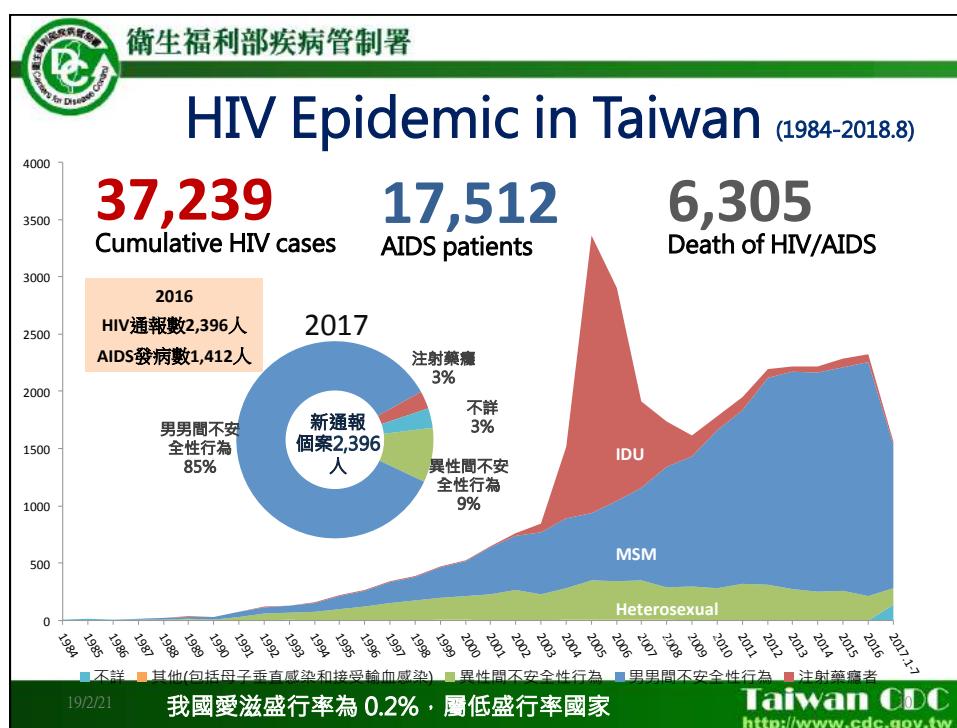
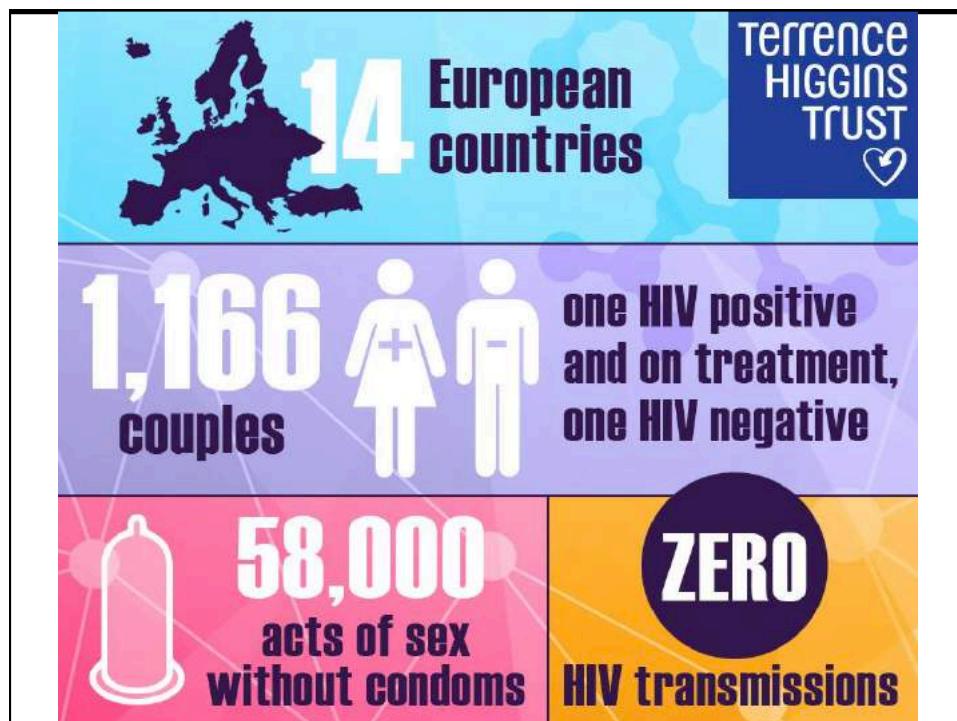
U=U

**UNDETECTABLE
=
UNTRANSMITTABLE**



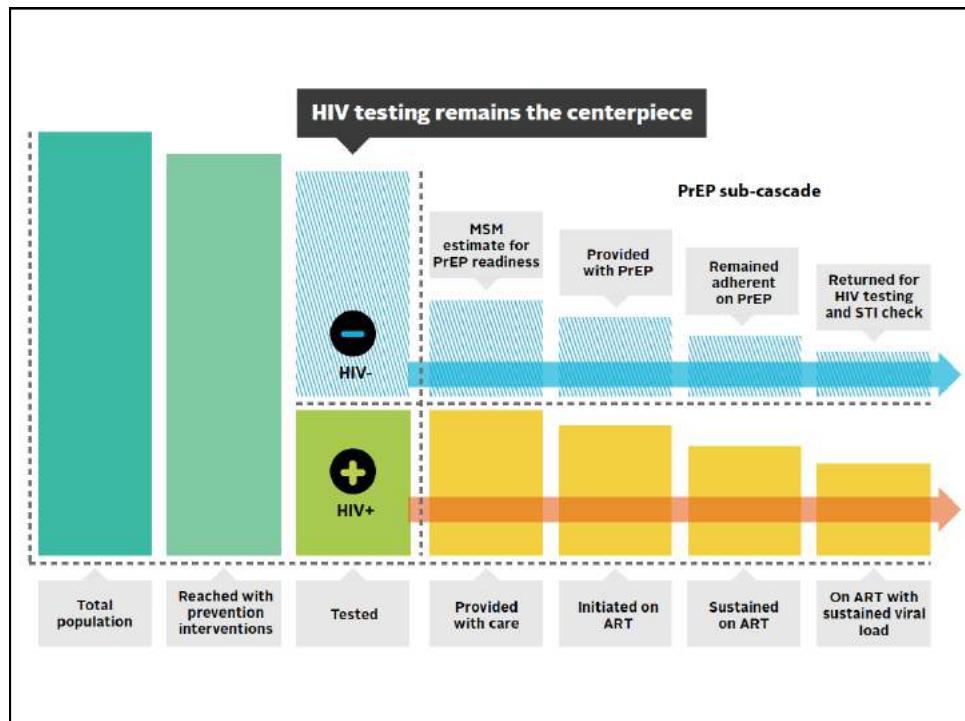
A PERSON LIVING WITH HIV WHO HAS AN UNDETECTABLE VIRAL LOAD DOES NOT TRANSMIT THE VIRUS TO THEIR PARTNERS.

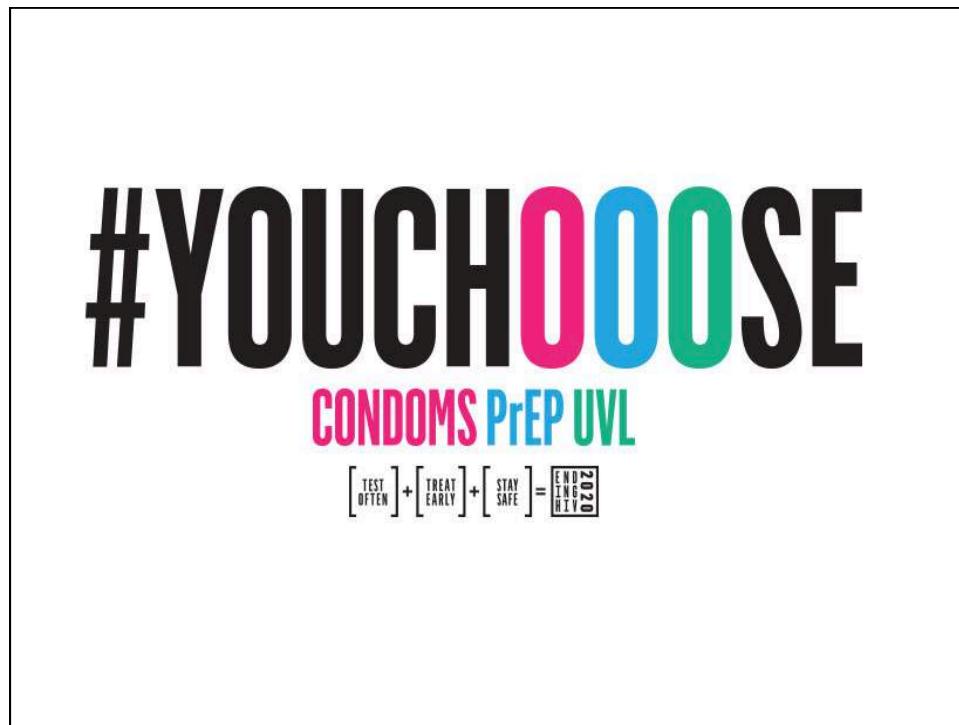
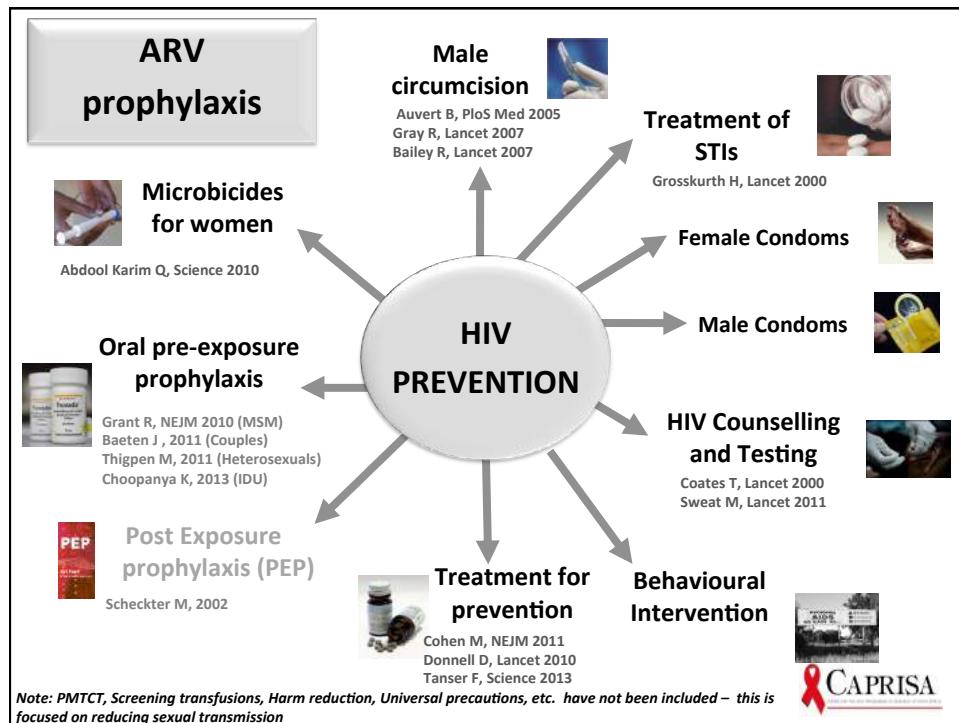
The International AIDS Society is proud to endorse the U=U consensus statement of the Prevention Access Campaign.

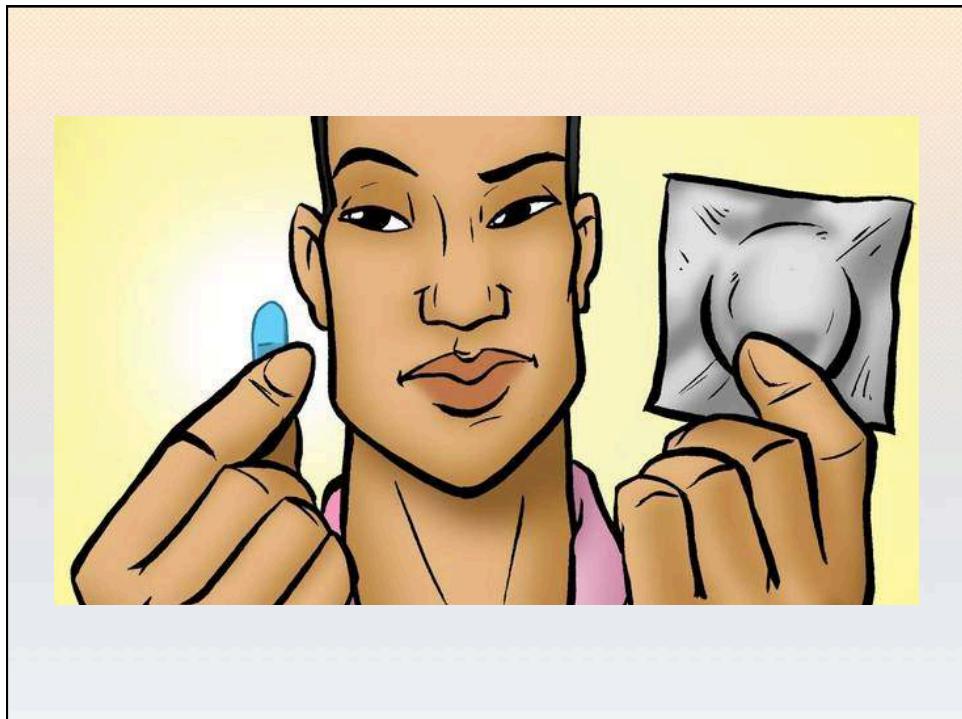












This work was **made possible**
by the **participants**
and their **communities**
who believed that research
could **improve their lives**

暴露前預防性投藥 (PrEP)

<https://www.youtube.com/watch?v=kh-Me2VOxmA&feature=youtu.be>



美國與WHO預防性投藥的指引

GUIDELINES

**臺灣暴露前口服預防性投藥
使用指引**

**Guideline for the Use of Pre-Exposure Oral
Prophylaxis (PrEP) in Taiwan**

2016, 05, 02

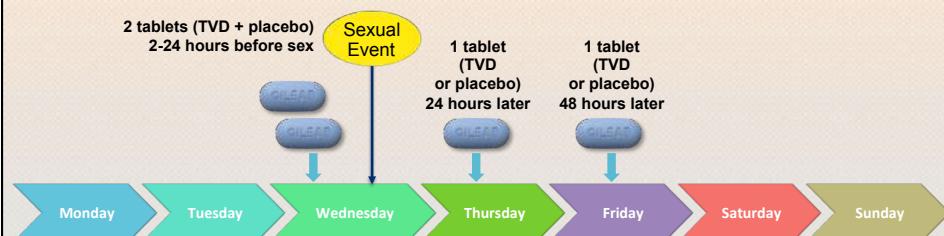
臺灣愛滋病學會

What's New in 2nd Taiwan PrEP Guideline

- 增加2016-2017年臺灣推動暴露前預防性投藥重要政策及「愛滋病毒篩檢與暴露愛滋病毒前預防性投藥（PrEP）前驅計畫」之重點。
- 增加依需要時(On demand)使用TDF/FTC的固定劑量複方製劑的建議
- 更新如何取得PrEP藥物
- 建議依需要時使用PrEP的服藥方式

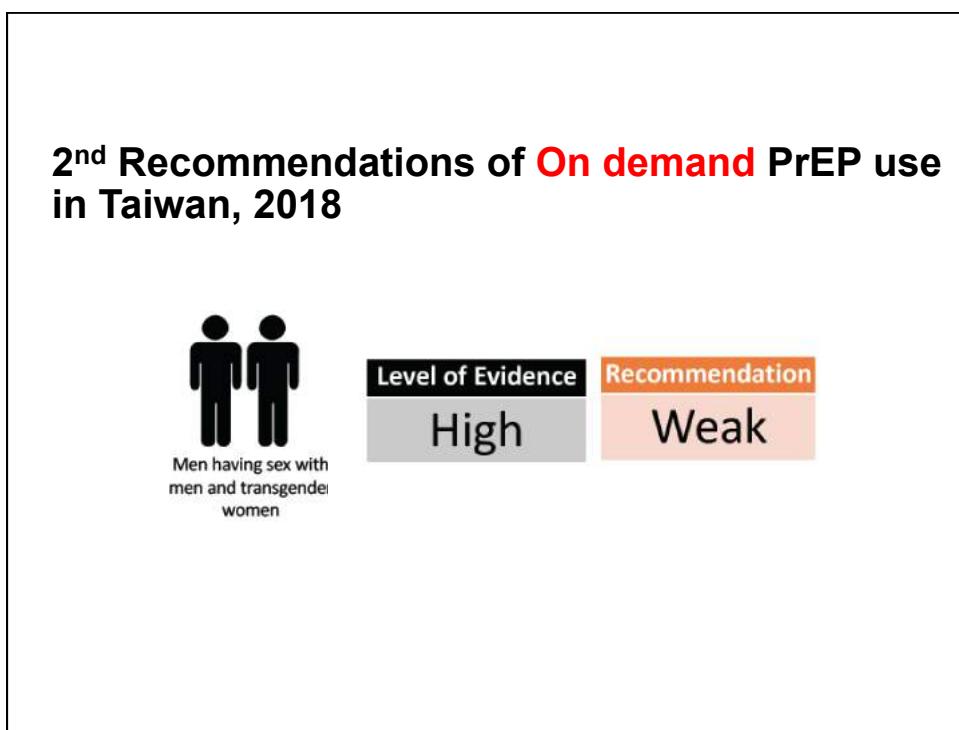
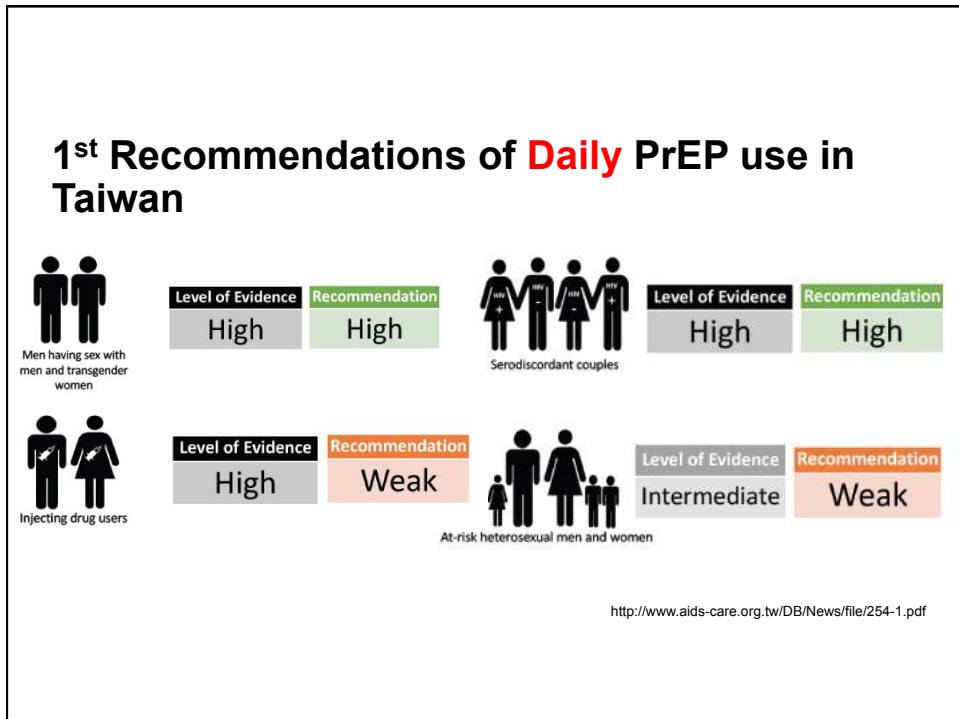
IPERGAY

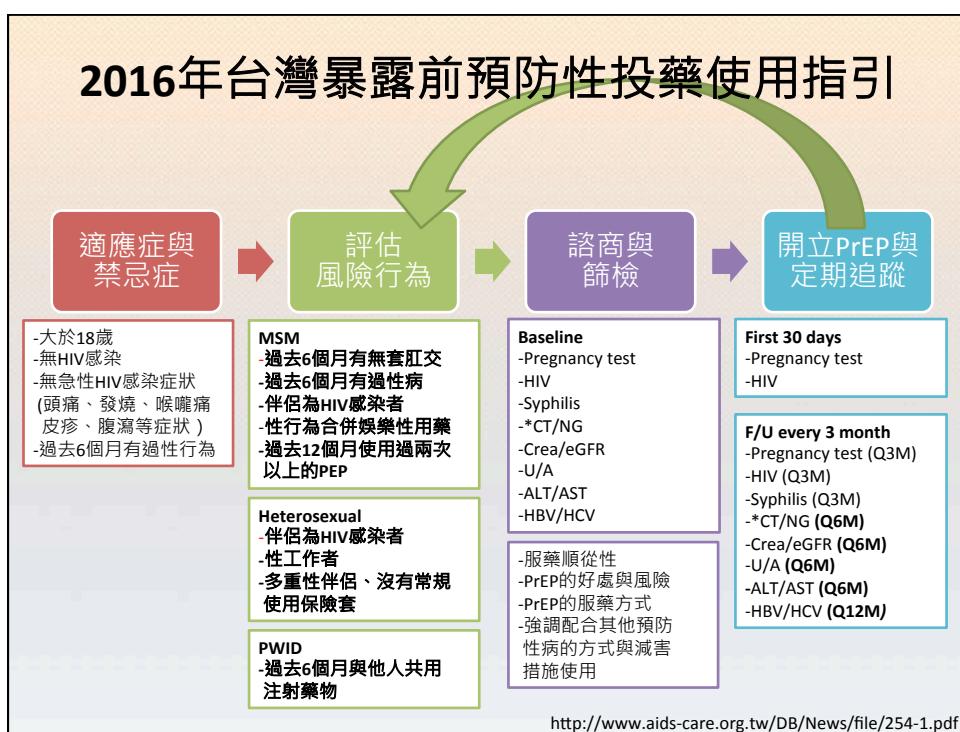
Sexual Event Driven



- IPERGAY results provide the first evidence that an event-driven regimen was effective among high-risk MSM with frequent sex (median of 10 sex acts per month and 8 partners every two months).
 - In this study overall, available data suggest that men were taking PrEP an average of three to four days per week.
- CDC cautions that researchers do not yet know if this regimen will work among MSM who have sex less frequently or among other populations at high risk for HIV infection.
- CDC continues to recommend daily dosing of PrEP and urges people at substantial risk for HIV infection and their health care providers to continue to follow current CDC guidelines

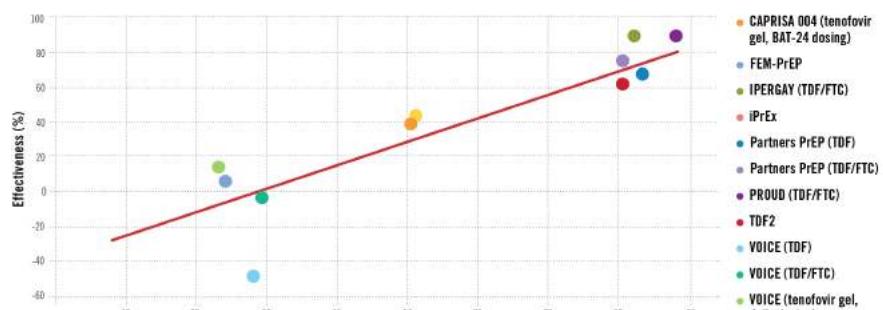
Molina J. et al. CROI 2015; Seattle, WA. #23LB
<http://www.cdc.gov/nchhstp/newsroom/2015/IPERGAY-2015-Media-Statement.html>





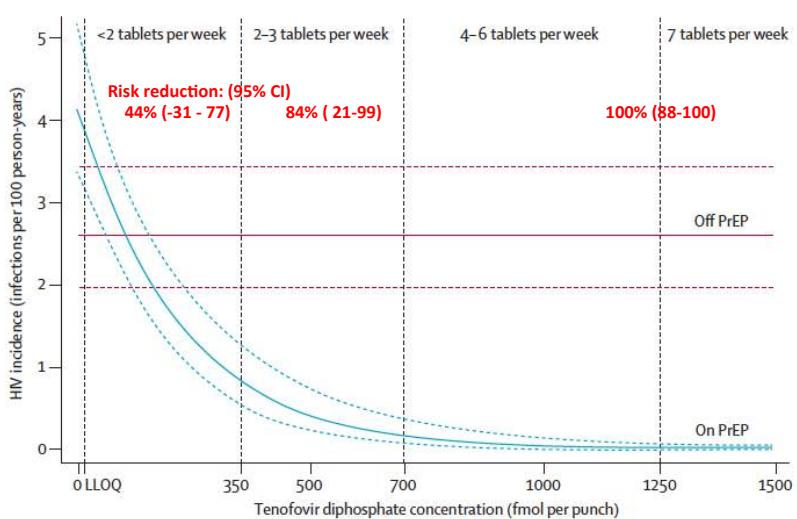
使用PrEP的順從度決定保護效果

PrEP Works if You Take It — Effectiveness and Adherence in Trials of Oral and Topical Tenofovir-Based Prevention



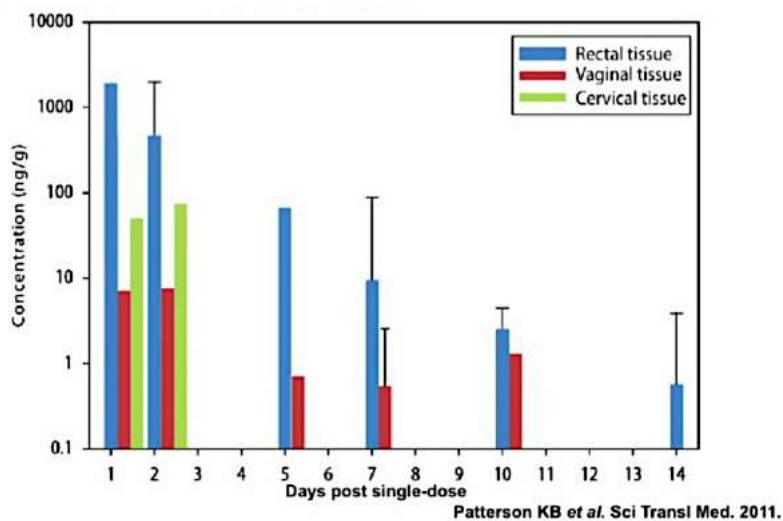
AVAC
February 2018

順從度與保護力：iPrEx-OLE

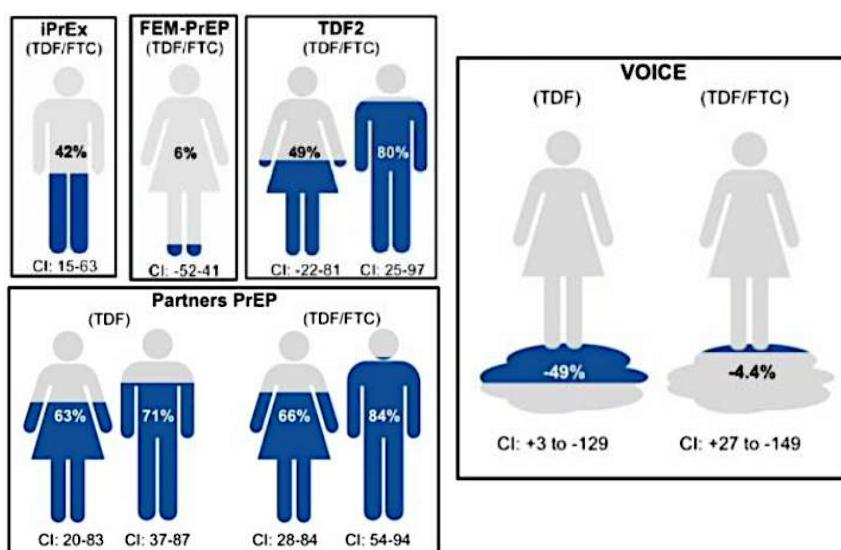


Grant R, et al. AIDS 2014. Abstract TUAC0105LB.

口服TDF在組織的濃度大大不同



口服PrEP保護效果男女有別



HOW TO ACCESS HIV PRE-EXPOSURE PROPHYLAXIS (PrEP)



疾管署暴露前預防性投藥前驅計畫

Taipei Veterans General Hospital
臺北榮總
02-28751997

Tao Yuan General Hospital, MOHW
衛福部桃園醫院
03-3699721轉3255或8317

National Cheng Kung University Hospital
成大醫院
06-2353535轉5838

Kaohsiung Veterans General Hospital
高雄榮總：07-3468299

高醫：07-3214227，或
0965-076-209

Kaohsiung Medical University
Chung-Ho Memorial Hospital

- Enrollment period: Oct 2016 - Aug 2017
- Estimated number of enrollment: 1,000
- Enrollment criteria: individuals meeting risk factors per Taiwan National PrEP Guidelines
- All participants were provided free, quarterly clinic visits and lab tests for 12 months and up to 105 tablets of TDF/FTC for 12 months

No. of participants enrolled: 321
No. of participants initiating PrEP: 302

2018-19 政府補助PrEP計畫



暴露愛滋病毒 預防性投藥
(Pre-exposure prophylaxis)

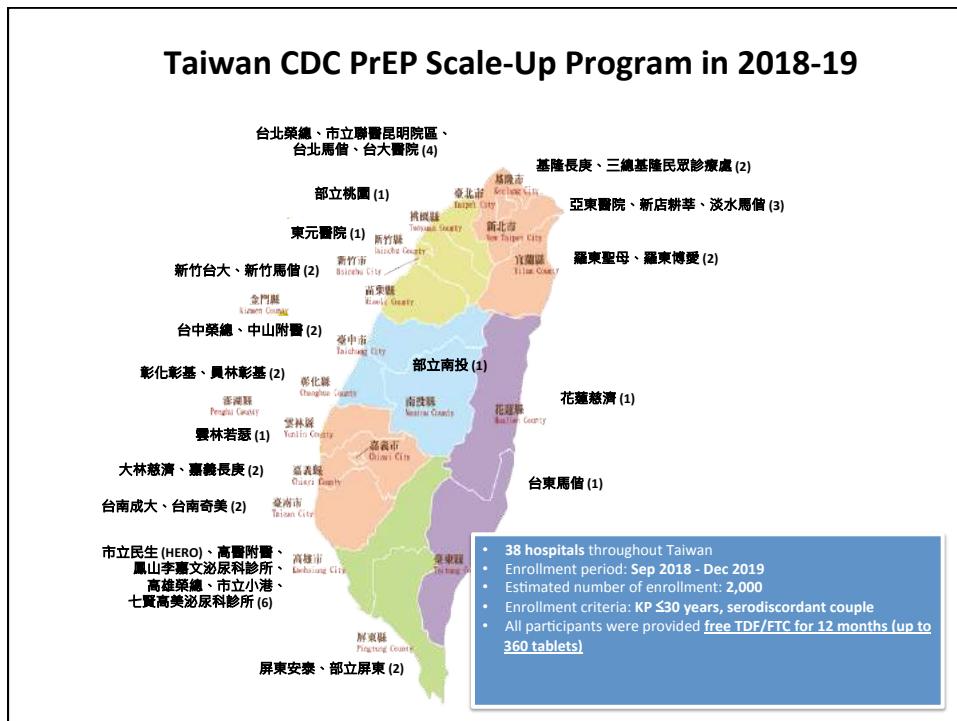
對抗HIV新利器

愛滋病毒暴露前預防性投藥(以下簡稱PrEP)
沒有感染愛滋病毒的人，經醫師評估後，穩定持續服用藥物，讓體內有足夠的藥物濃度來預防可能被病毒感染的風險。

自即日起至108年12月31日止，若您是愛滋感染者之配偶或30歲以下年輕族群，經檢驗愛滋陰性，且醫師評估有高風險被感染，政府提供整合性PrEP服務，包括公費藥物和愛滋預防諮詢、衛教、性病篩檢及治療等服務。請洽疾管署1922諮詢專線。

預防愛滋最重要的是做好全面防護措施，包括全程正確使用保險套及水性潤滑液、不共用針具、稀釋液，不使用毒品、定期愛滋篩檢等。**PrEP是避免感染愛滋的方法之一，但不是單一方法。**

<https://www.cdc.gov.tw/profession/1110.aspx?refid=0C0C0C2D49D90&id=074D1104E54E54&uu=A87F54ACFFDE67A8>





#愛的撇步 PrEP

你可以多一種選擇，
兩個成一對!

#PrEP + #Condom = #Safety 99%

41

Contact Info
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nyko@mail.ncku.edu.tw