

Collaborative Care

Interdisciplinary HIV Testing and Linkage to Care



Burnet
reach for the many



At Burnet Institute, we proudly acknowledge the Boon Wurrung people of the Kulin Nations as the Traditional Custodians of the land on which our office is located and recognise their continuing connection to land, waters and community. We acknowledge Aboriginal and Torres Strait Islander peoples as Australia's First Peoples and acknowledge that sovereignty was never ceded. We pay our respect to Elders past and present, and extend that respect to all First Nations people.





Disclosures

- Received funding for investigator-initiated research unrelated to this work from Gilead and Abbvie
- Consultant fees for activities unrelated to this work from Gilead





Overview

1. Epidemiology of HIV in Australia
2. Framing the presentation: collaborative and interdisciplinary HIV Care in the Australian context
3. Examples of collaborative and interdisciplinary HIV care and their impact in Australia
4. Responding to new challenges





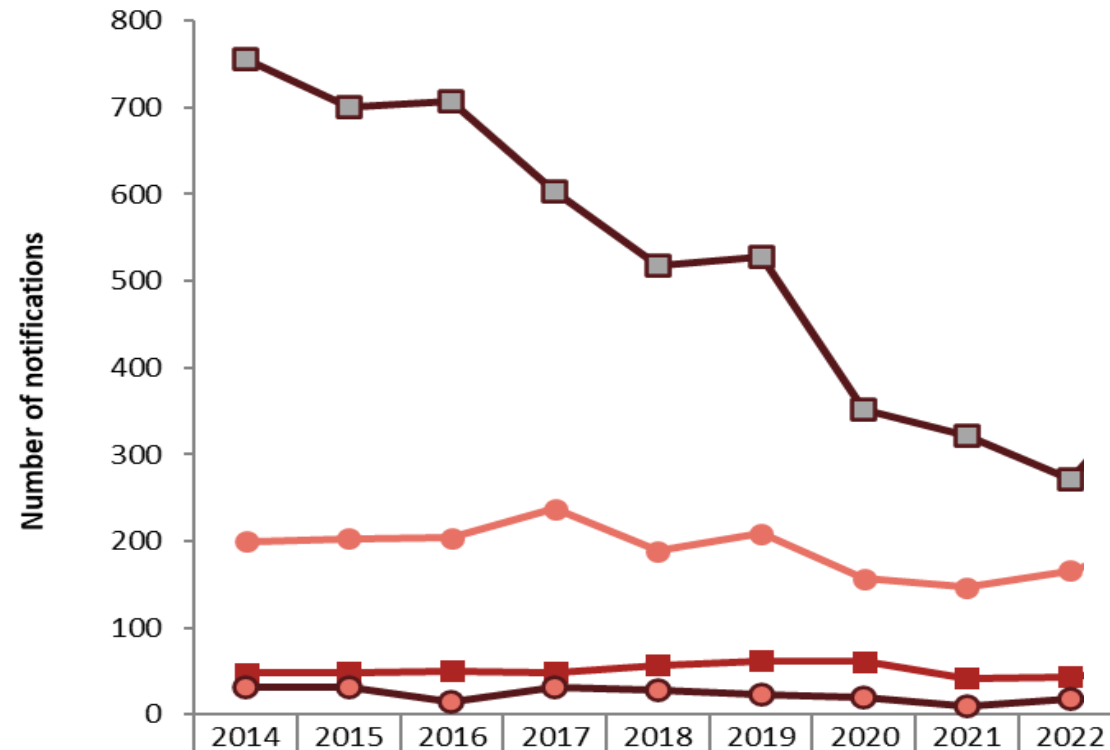
HIV Epidemiology in Australia

Success and challenges





HIV notifications, Australia, 2014 - 2022



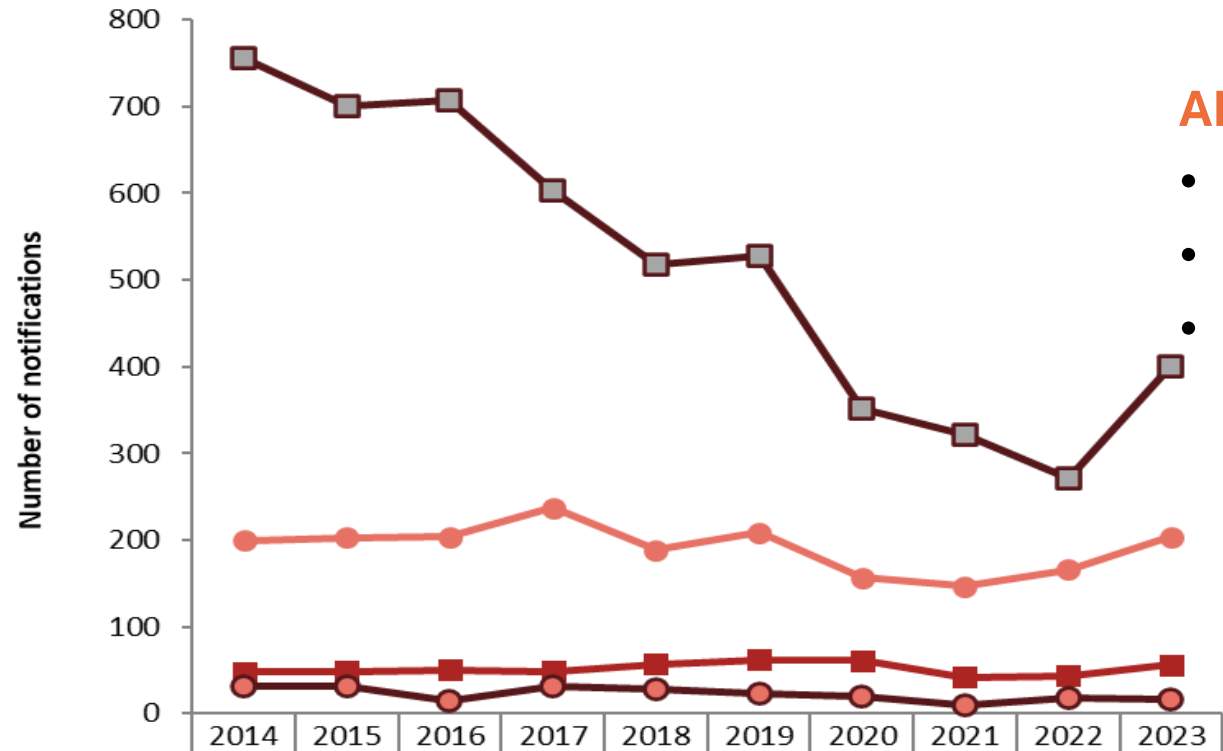
ANNUAL NOTIFICATIONS

- 2014 = 1,079
- 2022 = 553

	2014	2015	2016	2017	2018	2019	2020	2021	2022
Male-to-male sex	756	700	708	603	518	527	351	322	272
Male-to-male sex and injection drug use	48	49	50	49	57	62	61	42	44
Heterosexual contact	200	203	204	237	189	209	157	147	166
Injection drug use	31	32	14	32	28	23	20	9	18



HIV notifications, Australia, 2014 - 2023



ANNUAL NOTIFICATIONS

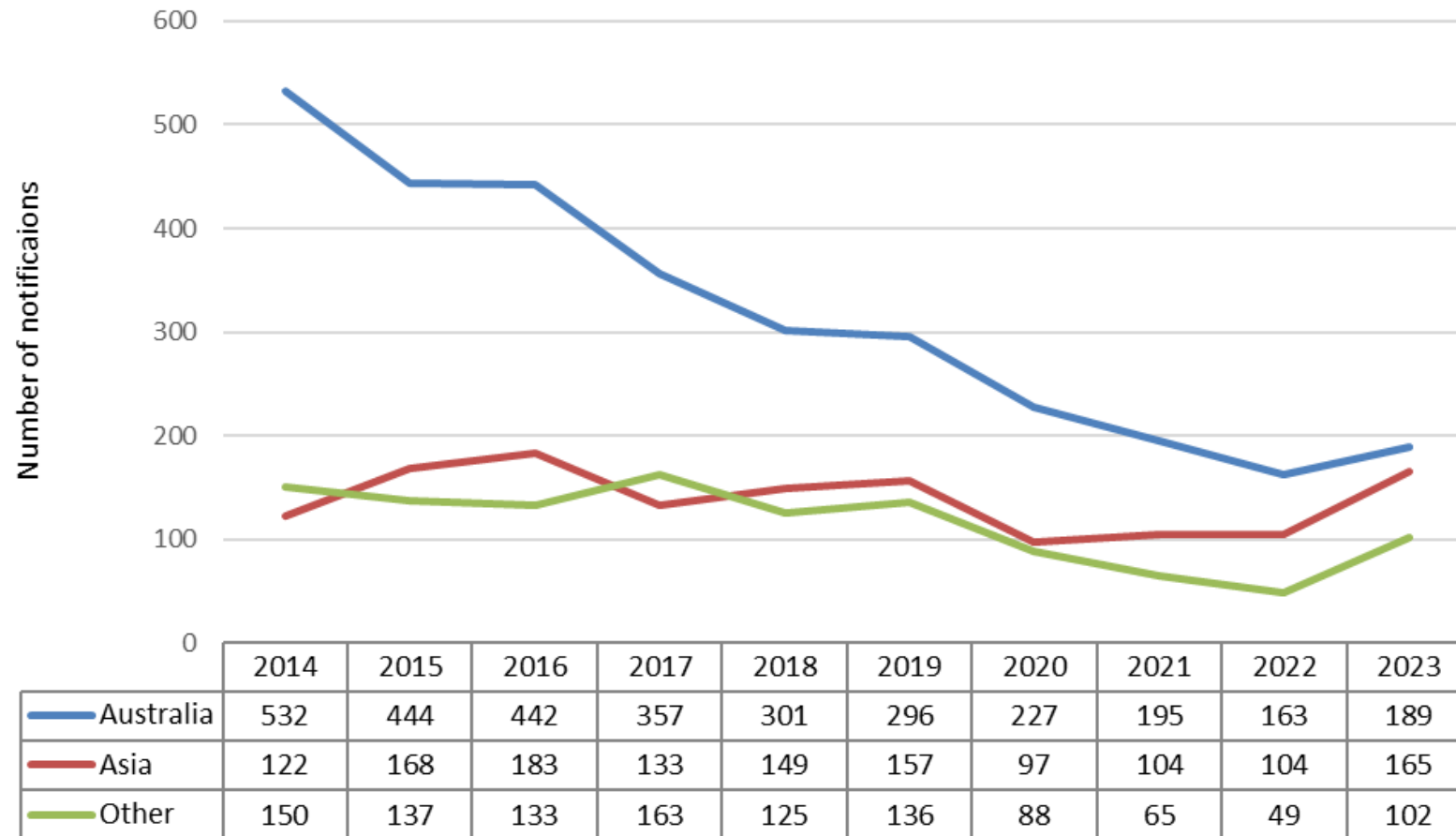
- 2014 = 1,079
- 2022 = 553
- 2023 = 722
- 31% increase overall
- 47% increase in MSM



	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Male-to-male sex	756	700	708	603	518	527	351	322	272	401
Male-to-male sex and injection drug use	48	49	50	49	57	62	61	42	44	56
Heterosexual contact	200	203	204	237	189	209	157	147	166	204
Injection drug use	31	32	14	32	28	23	20	9	18	17

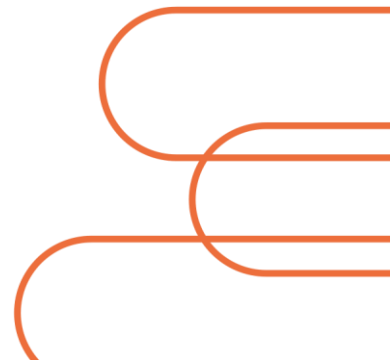


HIV notifications, male-to-male sex as exposure risk, by region of birth, 2014–2023



% increase 2022-23

- Aust-born = 16%
- **Asian-born = 59%**
- **Born elsewhere = 108%**





Framing collaborative and interdisciplinary HIV Care

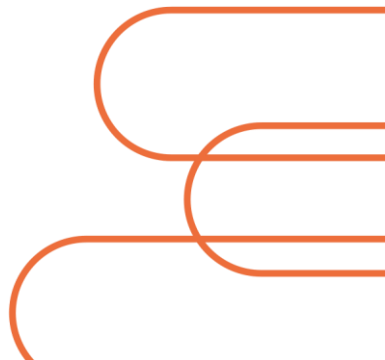
The Australian Context





Collaborative Care: Interdisciplinary HIV

Testing and Linkage to Care

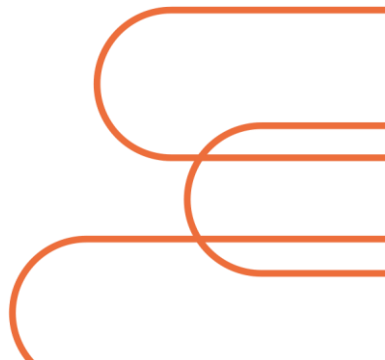




Darlinghurst, Sydney, 1978



“The atmosphere was more one of celebration than protest ... strangers joined hands ... our numbers swell ... people came out of the coffee shops, bars and hotels ... we had straight people willing to join in and support us.”





Darlinghurst, Sydney, 1978



“On Darlinghurst Road we were ambushed ... police, arriving in numbers, took advantage of the semi darkness of the night to unleash a reckless and ugly attack

... 53 men and women were arrested, all of whom had their names and occupations published in The Sydney Morning Herald. Many lost their jobs or housing as a result.”

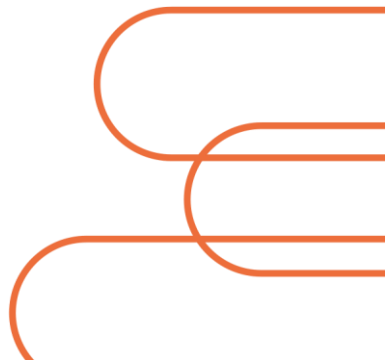


Sydney Gay and Lesbian Mardi Gras





Community was at the heart of Australia's early HIV response

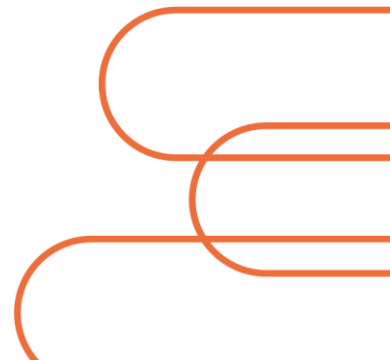




Community was at the heart of Australia's early HIV response

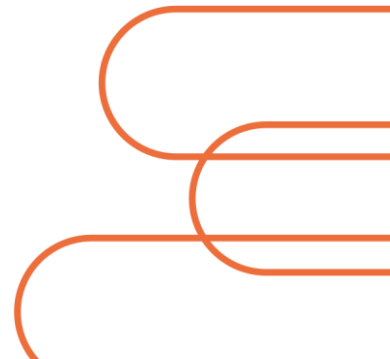
A PARTNERSHIP APPROACH

Community working with clinical, research and government partners





Community remains at the heart of Australia's early HIV response





Examples of collaborative and interdisciplinary HIV care

Community partnering with researchers, clinicians and government





Case Study 1 - Undiagnosed HIV



High Rates of Undiagnosed HIV Infections in a Community Sample of Gay Men in Melbourne, Australia

Pedrana, Alisa E. BBmed Sci (hons)^{*,†}; Hellard, Margaret E. MBBS, FRACP, PhD, FAFPHM^{*,†,‡}; Wilson, Kim BAppSc, PhD[§]; Guy, Rebecca BAppSc, MAppEpid, PhD[§]; Stooové, Mark PhD, GradDip(Ed), BaAppSci (Hons)^{*,†}

[Author Information](#)

AIDS Journal of Acquired Immune Deficiency Syndromes 59(1):p 94-99, January 1, 2012. | DOI: 10.1097/QAI.0b013e3182396869

- 639 gay men recruited from social venues in Melbourne
- Behavioural survey + oral fluid specimen for HIV testing
 - 9.5% HIV bio-prevalence
 - **31% of HIV positive gay men in unaware of their infection**
 - ~2/3 reported their last HIV test >12 months ago



Case Study 1 - Undiagnosed HIV

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NEWS ★ WHAT'S ON ★ ARTS & ENTERTAINMENT ★ PRIDE DIRECTORY ★ SCENE PHOTOS ★ IN PRINT ★ ADVERTISE


Men 'not aware of HIV status'

VICTORIAN NEWS

Star Online
SEPTEMBER 2, 2009

Facebook Twitter Pinterest LinkedIn RSS Email

Alarming new statistics have revealed a significant number of sexually active men on Melbourne's social scene are not aware they are HIV positive. The Suck It and See study — the first of its kind in Australia — was conducted by the Burnet Institute in 2008 and collected anonymous saliva samples from 745 men from gay bars and clubs, sex-on-premises venues (SOPV) and sexual health clinics. The results released this week revealed that about 10 percent of socially and sexually active men recruited to the survey were HIV positive. Of the 100 men in the study who tested positive from a wider spectrum (not only from social venues), 20 percent were unaware they had HIV. Of the 639 men recruited specifically through social venues (including SOPVs), 61 tested positive, and 31 percent (or 19 men) were unaware they were HIV positive. Head researcher Dr Mark Stooù told Southern Star it was important not to generalise the results to the whole gay male population, however, he said the study indicates those engaging in risky sexual behaviour face an alarming risk.





Case Study 1 - Undiagnosed HIV

BMJ Journals

Sexually Transmitted Infections

A 'test and treat' prevention strategy in Australia requires innovative HIV testing models: a cohort study of repeat testing among 'high-risk' men who have sex with men

Anna L Wilkinson^{1, 2}, Carol El-Hayek¹, Tim Spelman¹, Christopher K Fairley^{3, 4}, David Leslie⁵, Emma S McBryde^{1, 6}, Margaret Hellard^{1, 2, 7}, Mark Stoové^{1, 2}

Correspondence to Anna L Wilkinson, Centre for Population Health, Burnet Institute, 85 Commercial Rd, Melbourne VIC 3004, Australia; awilkinson@burnet.edu.au

JAIDS
JOURNAL OF ACQUIRED IMMUNE DEFICIENCY SYNDROME

"Seek, Test, Treat" Lessons From Australia

A Study of HIV Testing Patterns From a Cohort of Men Who Have Sex With Men

Wilkinson, Anna Lee BA, MPH[†]; El-Hayek, Carol BSc, Grad Dip (Genetic Counselling), MAE[‡]; Spelman, Tim MBBS, BSc, Grad Cert (Stats)[†]; Fairley, Christopher MBBS, PhD, FRACP, FAFPHM^{‡,§}; Leslie, David MBBS, FRACP[‡]; McBryde, Emma MBBS, FRACP, PhD, MBiostat^{†,§}; Hellard, Margaret MBBS, PhD, FRACP, FAFPHM[†]; Stoové, Mark BSc, Grad Dip (Ed), PhD[†]

[Author Information](#)

JAIDS Journal of Acquired Immune Deficiency Syndromes 69(4):p 460-465, August 1, 2015. | DOI: 10.1097/QAI.0000000000000613

Among gay men classified as high risk of acquiring HIV
only 15% of were testing at recommended frequency.

Underscored barriers to clinic-based testing.

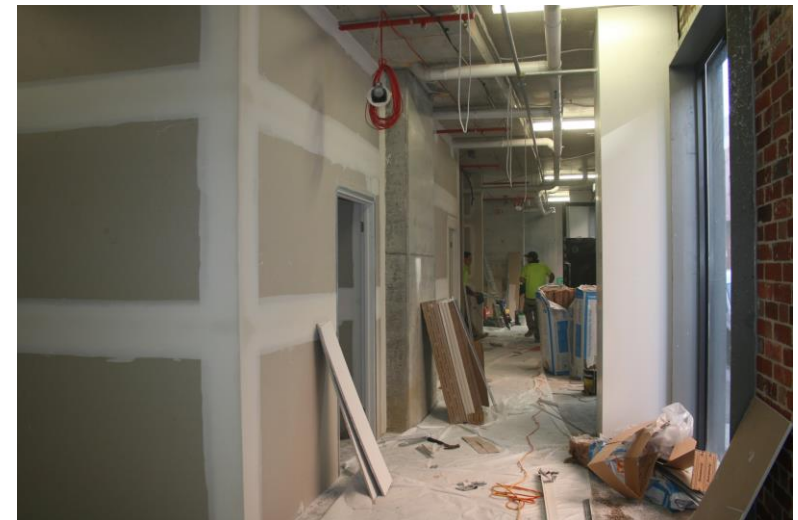


Case Study 1 - Undiagnosed HIV





Case Study 1 - Undiagnosed HIV





Case Study 1 - Undiagnosed HIV





Case Study 1 - Undiagnosed HIV

Original Paper | [Open Access](#) | [Published: 28 August 2017](#)

Acceptability and HIV Prevention Benefits of a Peer-Based Model of Rapid Point of Care HIV Testing for Australian Gay, Bisexual and Other Men Who Have Sex with Men

[David Leitinger](#), [Kathleen E. Ryan](#), [Graham Brown](#), [Alisa Pedrana](#), [Anna L. Wilkinson](#), [Claire Ryan](#), [Margaret Hellard](#) & [Mark Stoové](#) 

[AIDS and Behavior](#) **22**, 178–189 (2018) | [Cite this article](#)



TOTALLY PEER LED & DELIVERED

- >35,000 HIV, >70,000 STI tests
- Free tests for Medicare-ineligible migrants
- Integrated transgender primary care clinic




Case Study 1 - Undiagnosed HIV





Case Study 1 - Undiagnosed HIV



RAPID 

HIV TESTING WITHOUT THE FULL Q&A

BRISBANE GOLD COAST

CLUBS & SAUNAS TOOWOOMBA

Case Study 1 - Undiagnosed HIV



- 1st to trial HIV self-tests
- 1st to implement syphilis POCT
- 1st to integrate molecular POCT
- 1st to operate HIVST vending machine

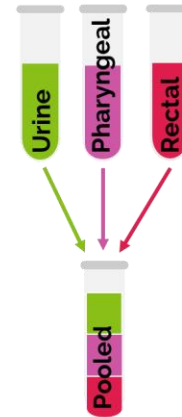
- Molecular biology and HIV/STI translation research
- Interdisciplinary and collaborative, with **COMMUNITY** at the core



Individual specimens
X 3



Pooled specimens
X 1



Original RAPID protocol – 7 ml urine volume³

CSIRO PUBLISHING
Sexual Health, 2020, 17, 15-21
<https://doi.org/10.1071/SH19028>

Reduced sensitivity from pooled urine, pharyngeal and rectal specimens when using a molecular assay for the detection of chlamydia and gonorrhoea near the point of care

Steven G. Badman^{A,1,2}, Sara F. E. Bell^{B,*}, Judith A. Dean^B, Jime Lemoire^C, Luke Coffey^C, Joseph DeBattista^D, Andrew M. Redmond^{E,5}, Owain D. Williams^B, Charles F. Gilks^{B,1} and David M. Whitley^{F,6,1}

Sensitivity
CT 90.0%
NG 89.7%

Revised RAPID protocol – 1 ml urine volume⁴

Research letter

Improved sensitivity from pooled urine, pharyngeal and rectal specimens when using a molecular assay for the detection of chlamydia and gonorrhoea near point of care

Judith Ann Dean¹, Sara Fiona Elizabeth Bell¹, Luke Coffey², Joseph DeBattista³, Steven Badman¹, Andrew M Redmond^{2,5}, David M Whitley^{4,7}, Jime Lemoire², Owain David Williams¹, Chris Howard², Charles F Gilks¹

Sensitivity
CT **98.0%**
NG **93.2%**



Case Study 2 - Early treatment initiation

The NEW ENGLAND JOURNAL of MEDICINE

ESTABLISHED IN 1812

AUGUST 11, 2011

VOL. 365 NO. 6

Prevention of HIV-1 Infection with Early Antiretroviral Therapy

Myron S. Cohen, M.D., Ying Q. Chen, Ph.D., Marybeth McCauley, M.P.H., Theresa Gamble, Ph.D.,
Mina C. Hosseinipour, M.D., Nagalingeswaran Kumarasamy, M.B., B.S., James G. Hakim, M.D.,
Johnstone Kumwenda, F.R.C.P., Beatriz Grinsztejn, M.D., Jose H.S. Pilotto, M.D., Sheela V. Godbole, M.D.,
Sanjay Mehendale, M.D., Suwat Charialertsak, M.D., Breno R. Santos, M.D., Kenneth H. Mayer, M.D.,
Irving F. Hoffman, P.A., Susan H. Eshleman, M.D., Estelle Piwowar-Manning, M.T., Lei Wang, Ph.D.,
Joseph Makhema, F.R.C.P., Lisa A. Mills, M.D., Guy de Bruyn, M.B., B.Ch., Ian Sanne, M.B., B.Ch.,
Joseph Eron, M.D., Joel Gallant, M.D., Diane Havlir, M.D., Susan Swindells, M.B., B.S., Heather Ribaud, Ph.D.,
Vanessa Elharrar, M.D., David Burns, M.D., Taha E. Taha, M.B., B.S., Karin Nielsen-Saines, M.D.,
David Celentano, Sc.D., Max Essex, D.V.M., and Thomas R. Fleming, Ph.D., for the HPTN 052 Study Team*





Case Study 2 - Early treatment initiation

The **NEW ENGLAND**
JOURNAL *of* **MEDICINE**

ESTABLISHED IN 1812

AUGUST 27, 2015

VOL. 373 NO. 9

Initiation of Antiretroviral Therapy in Early Asymptomatic HIV Infection

The INSIGHT START Study Group*



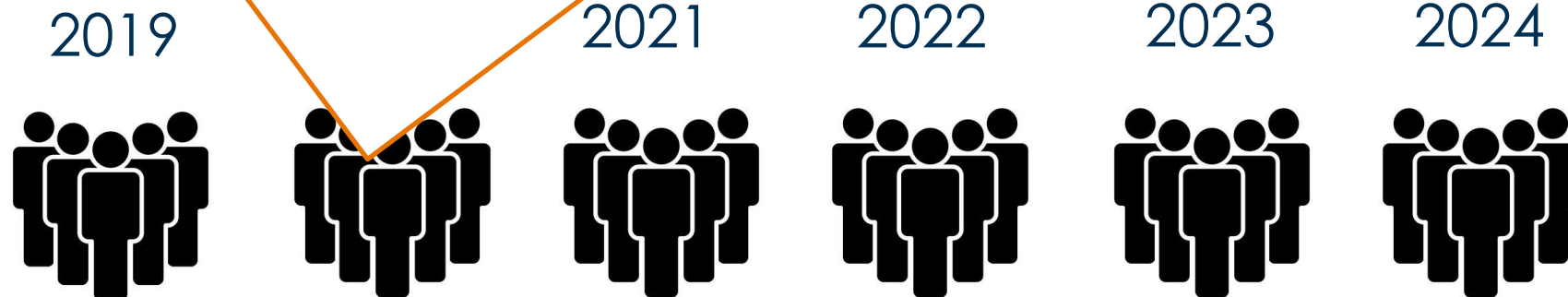


Case Study 2 - Early treatment initiation

The message emphasised to the community was that it is important ... get treated early

POPULATION-LEVEL VIREMIA IS

- Not only how many people are not virally suppressed, but ...
- How long – the duration of viremia – they can transmit to others.





Case Study 2 - Early treatment initiation

- 2,095 transitions to care
 - Median days 2012-13 = 3
 - Median days 2018-19 = 0
- 1,899 transitions to ART initiation
 - **Median days 2012-13 = 168**
 - **Median days 2018-19 = 15**
- 1,779 transitions to viral suppression
 - Median days 2012-13 = 84
 - Median days 2018-19

Longitudinal cascade, high caseload clinics in Melbourne and Sydney, 2012-2019

THE LANCET
HIV

ARTICLES | VOLUME 8, ISSUE 10, E623-E632, OCTOBER 2021

Improvements in transition times through the HIV cascade of care among gay and bisexual men with a new HIV diagnosis in New South Wales and Victoria, Australia (2012–19): a longitudinal cohort study

Daniela K van Santen, PhD • Jason Asselin, MEpi • Noah A Haber, ScD • Michael W Traeger, MSc • Denton Callander, PhD • Prof Basil Donovan, MD • Carol El-Hayek, MEpi • James H McMahon, FRACP • Kathy Petoumenos, PhD • Hamish McManus, PhD • Jennifer F Hoy, FRACP • Prof Margaret Hellard, PhD • Prof Rebecca Guy, PhD † • Prof Mark Stoové, PhD

on behalf of the TAIPAN investigators • Show less • Show footnotes

Published: September 08, 2021 • DOI: [https://doi.org/10.1016/S2352-3018\(21\)00155-7](https://doi.org/10.1016/S2352-3018(21)00155-7) • Check for updates



Case Study 2 - Early treatment initiation



- **69 health services** high caseload GBM clinics in NSW & Victoria:
- Final sample of **>100,000 gay/bi-sexual men**
- At baseline (first visit of the study period):
 - 90,304 were HIV-negative
 - 11,564 were HIV-positive
- **1,201 HIV incident cases over >300,000 PY**

Population-level treatment-as-prevention, Melbourne and Sydney, 2010-2019

THE LANCET
HIV



ARTICLES | [ONLINE FIRST](#)

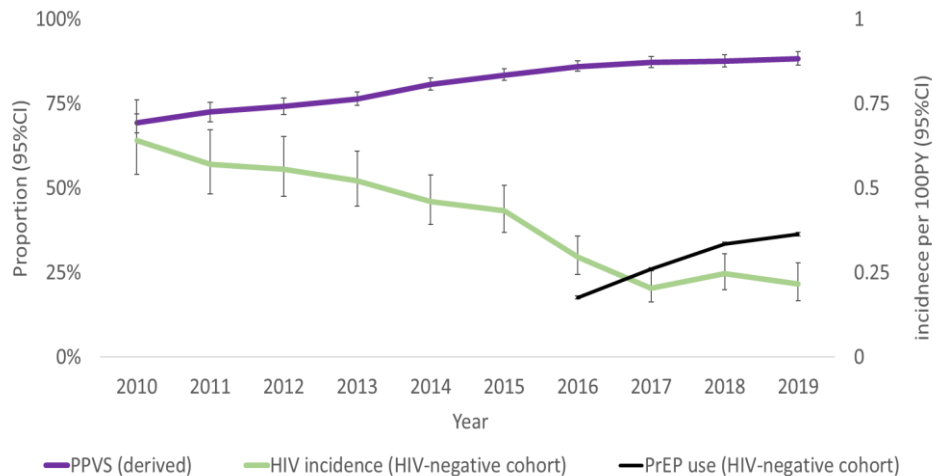
HIV treatment-as-prevention and its effect on incidence of HIV among cisgender gay, bisexual, and other men who have sex with men in Australia: a 10-year longitudinal cohort study

[Denton Callander, PhD](#)   • [Hamish McManus, PhD](#) • [Richard T Gray, PhD](#) • [Andrew E Grulich, PhD](#) • [Andrew Carr, MD](#) • [Jennifer Hoy, MBBS](#) • [Basil Donovan, MD](#) • [Christopher K Fairley, MD](#) • [Martin Holt, PhD](#) • [David J Templeton, PhD](#) • [Siaw-Teng Liaw, PhD](#) • [James M McMahon, MD](#) • [Jason Asselin, mEpi](#) • [Kathy Petoumenos, PhD](#) • [Margaret Hellard, PhD](#) • [Alisa Pedrana, PhD](#) • [Julian Elliott, MD](#) • [Phillip Keen, PhD](#) • [Jane Costello, MIS](#) • [Richard Keane](#) • [John Kaldor, PhD](#) • [Mark Stoové, PhD](#) * • [Rebecca Guy, PhD](#) * • [Show less](#)



Case Study 2 - Early treatment initiation

- IRR=0.93, 95%CI: 0.93-0.96, p<0.001*
- A 1%  in % of HIV+ GBM virally suppressed results in a 7%  in new infections





Population-level treatment-as-prevention, Melbourne and Sydney, 2010-2019

THE LANCET
HIV

ARTICLES | ONLINE FIRST

HIV treatment-as-prevention and its effect on incidence of HIV among cisgender gay, bisexual, and other men who have sex with men in Australia: a 10-year longitudinal cohort study

Denton Callander, PhD   • Hamish McManus, PhD • Richard T Gray, PhD • Andrew E Grulich, PhD • Andrew Carr, MD • Jennifer Hoy, MBBS • Basil Donovan, MD • Christopher K Fairley, MD • Martin Holt, PhD • David J Templeton, PhD • Siaw-Teng Liaw, PhD • James M McMahon, MD • Jason Asselin, mEpi • Kathy Petoumenos, PhD • Margaret Hellard, PhD • Alisa Pedrana, PhD • Julian Elliott, MD • Phillip Keen, PhD • Jane Costello, MIS • Richard Keane • John Kaldor, PhD • Mark Stoové, PhD * • Rebecca Guy, PhD * • Show less



Community is at the centre of collaborative and interdisciplinary care

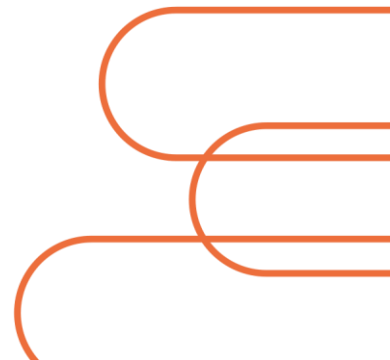
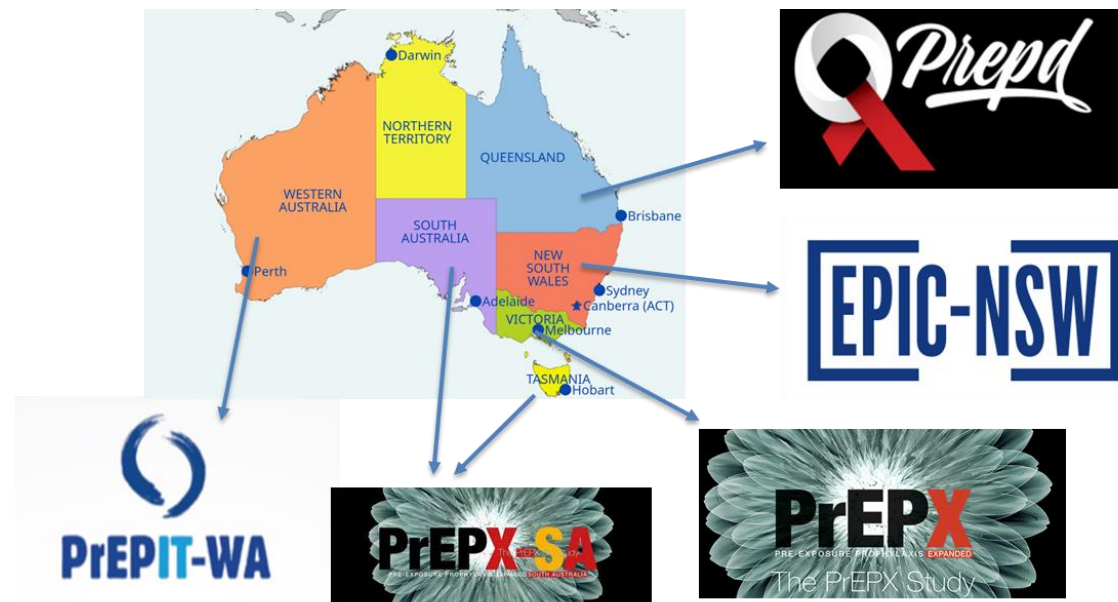
Community **partnered with** research, clinical, and government stakeholders to **inform and lead** 'test and treat' and treatment as prevention **collaborative and multidisciplinary** responses ...
and drove early access to PrEP.





Community is at the centre of collaborative and interdisciplinary care

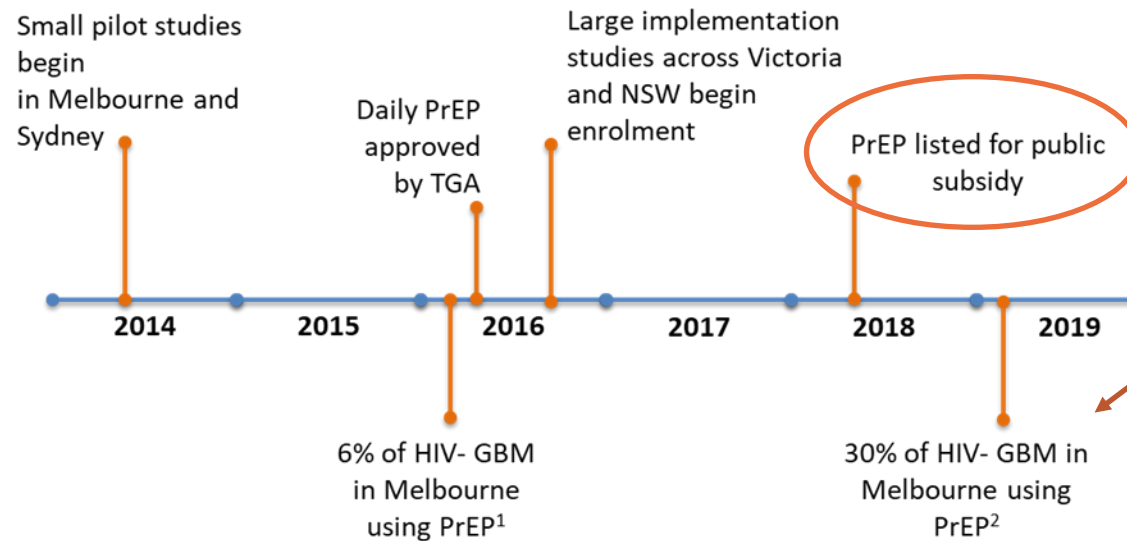
Community **partnered with** research, clinical, and government stakeholders and **informed and lead** 'test and treat' and treatment as prevention responses in the biomedical HIV prevention era ... and drove early access to PrEP.





Community is at the centre of collaborative and interdisciplinary care

Community **partnered with** research, clinical, and government stakeholders and **informed and lead** 'test and treat' and treatment as prevention responses in the biomedical HIV prevention era ... and drove early access to PrEP.



In 2023, 77% of gay men in Melbourne who reported CAI were using PrEP

• PrEP available for \$13 - \$40 / month via the PBS



Responding to new challenges

Changing HIV epidemiology & reaching those at greatest risk





Responding to new challenges



SEARCH 🔍 ENGLISH ▾

Who we are ▾ Our programmes ▾ Conferences ▾ Get involved ▾ News

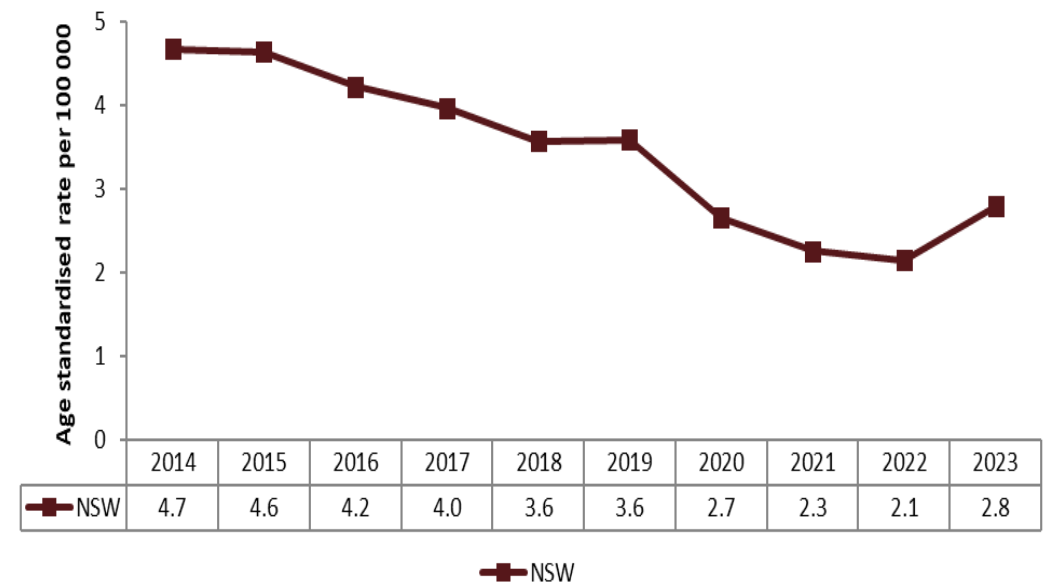
[Home](#) > HIV transmission virtually eliminated in Inner Sydney, Australia

HIV transmission virtually eliminated in Inner Sydney, Australia

New evidence that Australia may become world's first nation to end HIV epidemic

24 July 2023 (Brisbane, Australia) – Inner Sydney has reduced new HIV acquisitions by 88%, meaning it may be the first locality in the world to reach the UN target to end AIDS as a public health threat by 2030, according to data released today at IAS 2023, [the 12th IAS Conference on HIV Science](#).

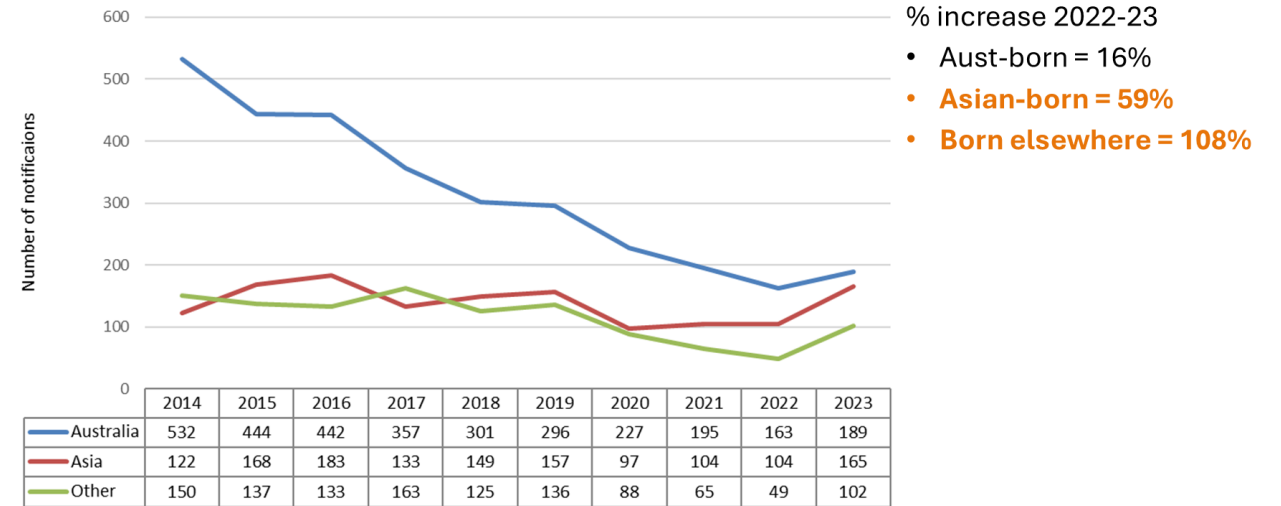
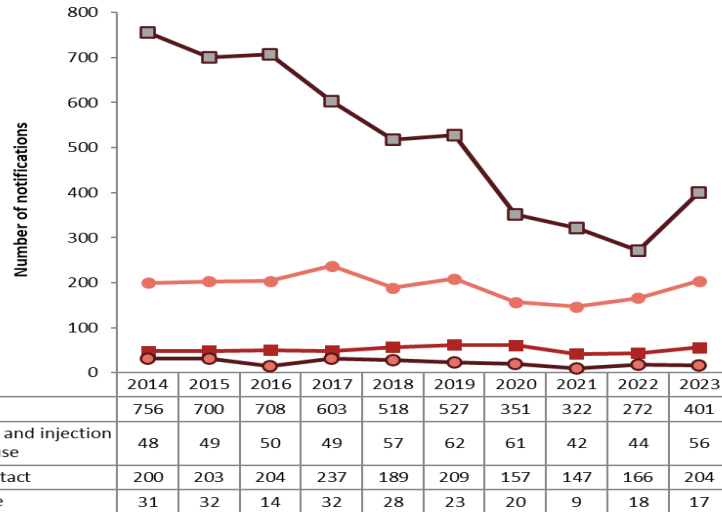
Andrew Grulich of the Kirby Institute at the University of New South Wales and member of the Governing Council of IAS – the International AIDS Society – presented the findings, citing progress in Inner Sydney, where HIV was once most prevalent in Australia, as evidence that stopping new HIV acquisitions is possible. Grulich attributed success in Inner Sydney in part to community outreach and prevention efforts, including widespread availability and use of HIV pre-exposure prophylaxis (PrEP).





Responding to new challenges

Overseas-born men who have sex with men



Structural challenges

- Short-term visa holders Medicare ineligible
- Limits access PrEP
- Limits access to testing services

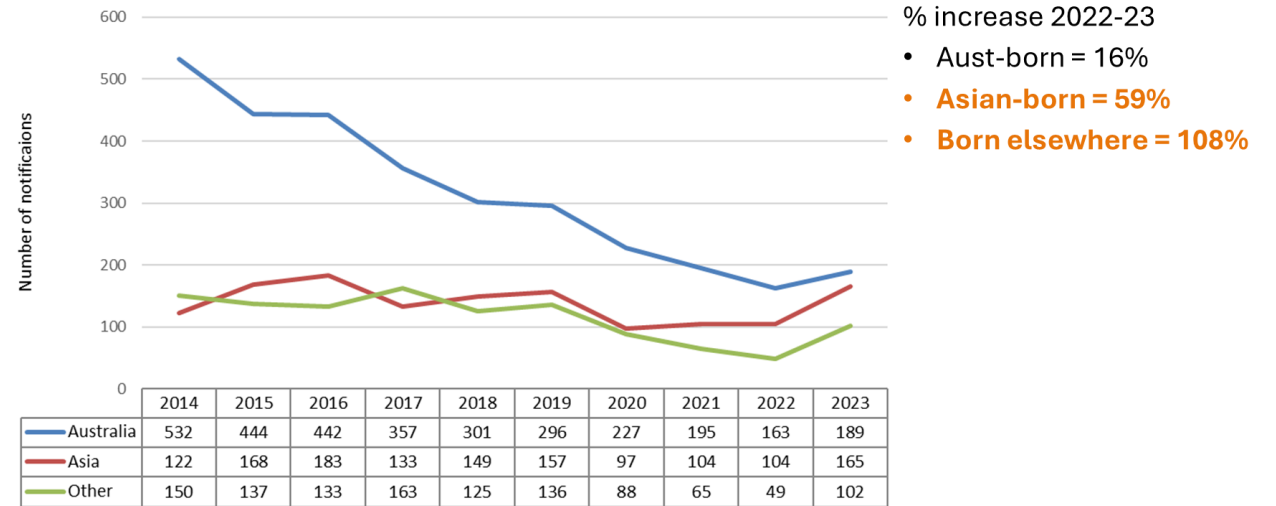
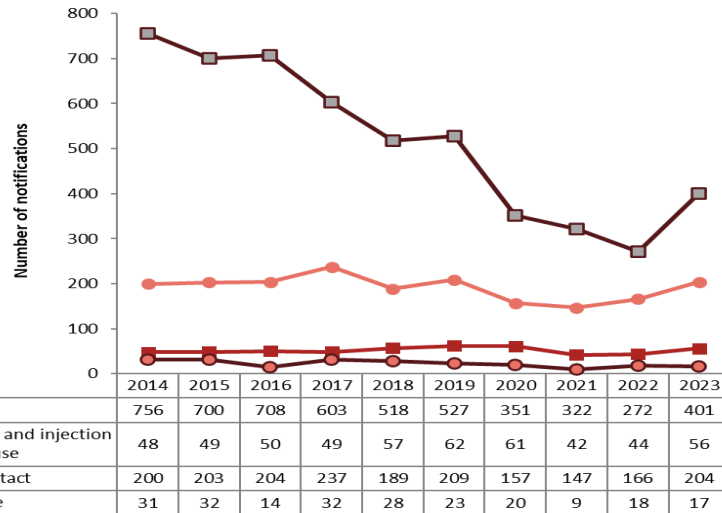
Socio-ecological challenges

- Stigma
- Poor knowledge/awareness
- Anxiety regarding implication of a diagnosis
- Clustering of undiagnosed HIV prevalence
- Post-COVID migration surge



Responding to new challenges

Australian-born men who have sex with men



Structural challenges

- COVID impact – lost people to regular testing
- Geographical dispersion leading to less access to specialist high caseload testing services

Socio-ecological challenges

- Risk perception and risk compensation
- Intermittent/event-based PrEP
- Ceasing PrEP use



Accelerating of HIV self testing programs



OraQuick Pilot – 2016 - 18

- Online mail out with pre and post test engagement
- Target - MSM and people living in rural and remote areas
- Number of tests = 927



Key findings:

- Acceptable to at-risk and sub-optimal testers
- Acceptable to naïve testers
- 95% chose no pre-test engagement

Int. J. Environ. Res. Public Health 2021, 18(21), 11252; <https://doi.org/10.3390/ijerph182111252>

Online HIV Self-Testing (HIVST) Dissemination by an Australian Community Peer HIV Organisation: A Scalable Way to Increase Access to Testing, Particularly for Suboptimal Testers

by Sara Fiona Elisabeth Bell¹, Jime Lemoire², Joseph Debattista³, Andrew M. Redmond^{2,4}, Glen Driver², Izriel Durkin², Luke Coffey², Melissa Warner², Chris Howard², Owain David Williams¹, Charles F. Gilks¹ and Judith Ann Dean^{1,*}



AIDS Care
Psychological and Socio-medical Aspects of AIDS/HIV

ISSN: 0954-0121 (Print) 1360-0451 (Online) Journal homepage: <http://www.tandfonline.com/loi/icaic20>

Integrated HIV self-testing (HIVST) service delivery in Queensland for policy and service development: study protocol

Sara Fiona Elisabeth Bell, Judith Ann Dean, Jime Lemoire, Joseph Debattista, Glen Driver, Charles F. Gilks, Andrew Redmond & Owain David Williams



Accelerating of HIV self testing programs

NATIONAL HIV SELF-TESTING PROJECT

hivtest.au

- Launched in 2023
- Allows individuals to order one year's worth of HIV self-testing kits online (four test kits).
- It's free
- Aims to increase access, awareness, and confidence in HIV self-testing.
- Initially funded by Gilead for a 12-month period February/March 2022

Partners

QPP
Queensland Positive People

napwha
national association of
people with hiv australia

Australian Government
Department of Health
and Aged Care

GILEAD
Creating Possible

NATIONAL ASSOCIATION OF PEOPLE WITH HIV AUSTRALIA (NAPWA)

Accelerating of HIV self testing programs



Project Flow



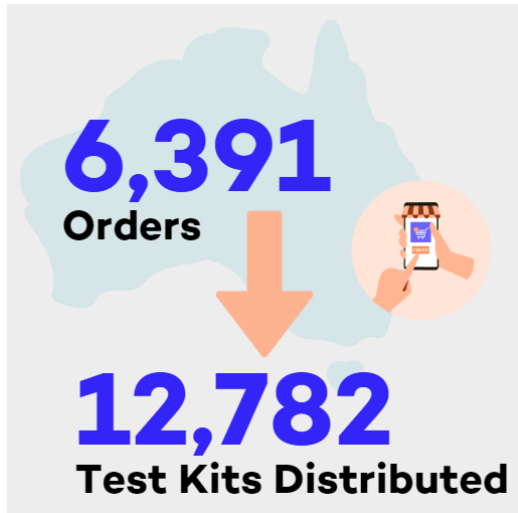
Tailored ordering experience:

- Gay, Bi+, Queer or other MSM
- Asian Communities
- Latino Communities
- Women
- Aboriginal and Torres Strait Islanders



Accelerating of HIV self testing programs

Progress so far (to Sept 2024)



35.5%



41.5%

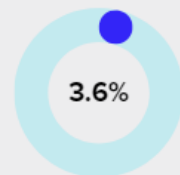


22.4%

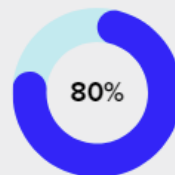
Who is ordering?

Who's ordering the tests?

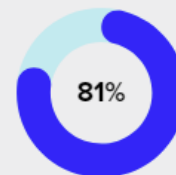
37.4
Average Age



Aboriginal or
Torres Strait
Islander

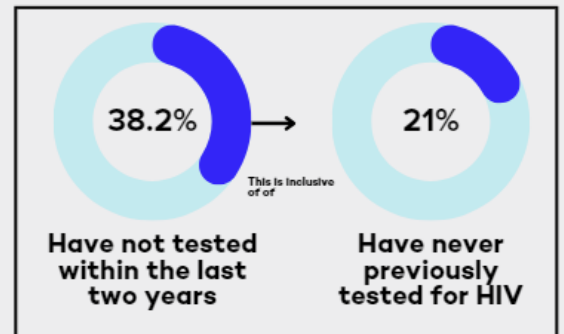
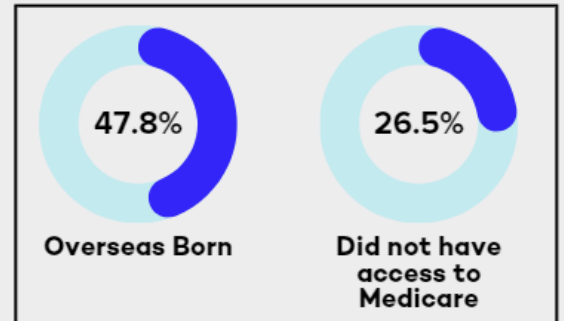


Men



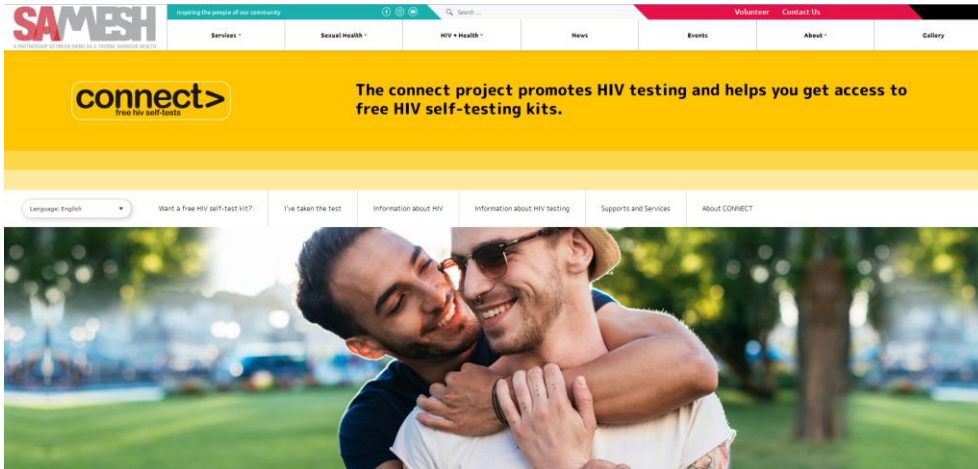
Identify
other than
Heterosexual

From 1384 survey responses





Accelerating of HIV self testing programs



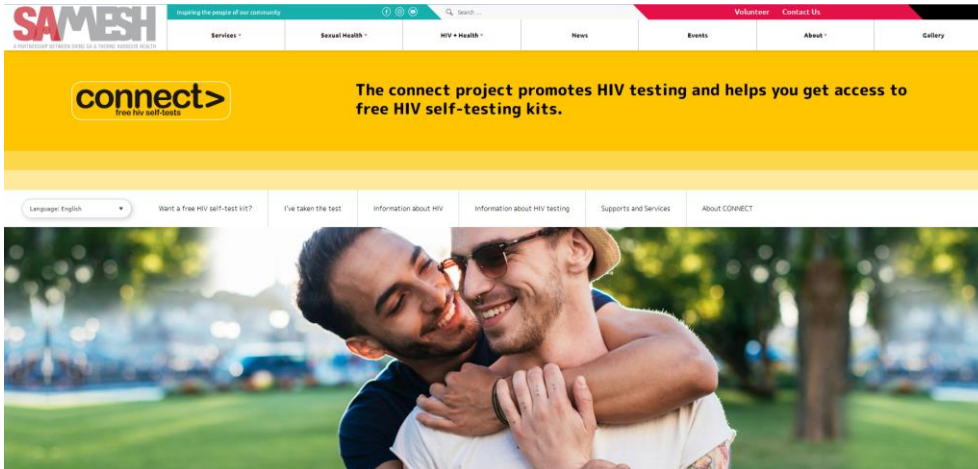
Vending machine access to free HIV self-test kits:

- Scan a QR code on promotional materials or vending machines
- Takes people to a webpage:
 - provide information about age, place of birth, sexuality, and testing history.
- Can then access a kit by scanning QR code on the vending machine





Accelerating of HIV self testing programs



Targeted spaces and communities:

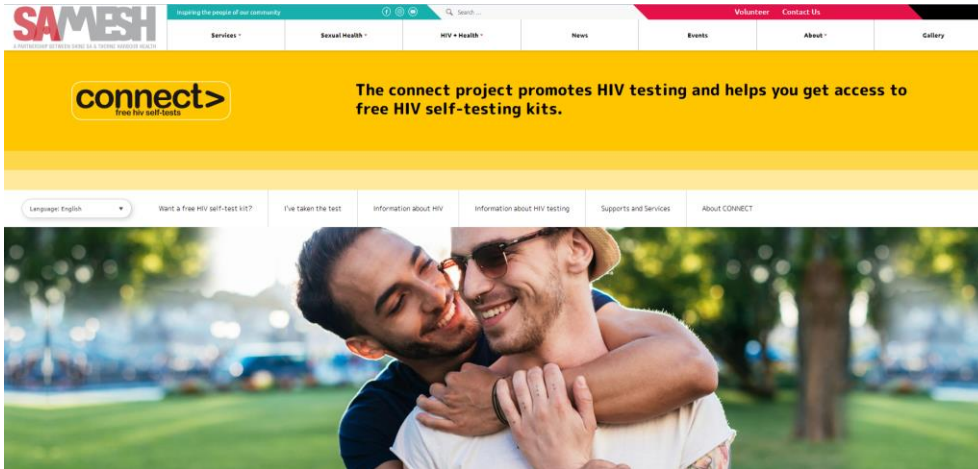
- Gay/bisexual & other MSM
- People from non-English speaking backgrounds & international students.
- 5 machines - university campuses and community venues around Adelaide.
- Webpage, campaign materials, and follow-up survey translated in:



- Arabic
- Hindi
- Indonesian
- Malay
- Mandarin
- Spanish
- Vietnamese



Accelerating of HIV self testing programs



Outcomes:

- 2905 people registered to use
- Dispensed 3844 kits
- 64% never previously tested for HIV
 - 74% for uni vending machine users
 - 36% gay sauna users
- 55% overseas-born
- 86% said they would likely use again
- 5 reactive results - all triaged into care and support pathways





New strategy and new funding



Ministers

Department of Health and Aged Care

[Home](#) [Media centre](#) [Mark Butler](#) [Anika Wells](#) [Ged Kearney](#) [Emma McBride](#) [Kate Thwaites](#)

[Home](#) > [The Hon Mark Butler MP](#) > [Minister Butler's media](#)

\$43.9 million to boost fight against HIV

The Australian Government is investing \$43.9 million to put Australia on track to eliminate transmission of HIV on our shores by 2030.



The Hon Mark Butler MP
Minister for Health and Aged Care

- \$26 million - subsidise PrEP for people without access to Medicare
- \$3.8 million - national HIV self-testing vending machine implementation
- \$2.5 million - expand national HIV self-test mail out
- \$1.6 million - HIV workforce education and training pilot
- \$1 million – establish a national HIV multicultural peer navigation program



LET COMMUNITIES
LEAD

 World AIDS Day 2023



 UNAIDS



thorne
harbour
health*

SAMESH
A PARTNERSHIP BETWEEN SHINE SA & THORNE HARBOUR HEALTH

 **AIVL**
Australian Injecting &
Illicit Drug Users League

napwha
national association of
people with HIV australia



 **HEALTH
EQUITY
MATTERS**

 **WAAC**

 **Scarlet
Alliance** Australian
Sex Workers
Association



Positive Life NSW
The voice of all people living with HIV

Acknowledgements



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- Rebecca Guy
- Basil Donovan
- Allie Carter
- Denton Callander
- Andrew Grulich
- Ben Bavinton



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A decorative graphic in the bottom right corner consisting of several overlapping, rounded, white-outlined shapes that resemble stylized steps or a modern architectural element.