

Missed opportunities for HIV Pre-Exposure Prophylaxis (PrEP) at Sydney Sexual Health Centre

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Disclosures: None



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BACKGROUND/AIMS & METHODS:

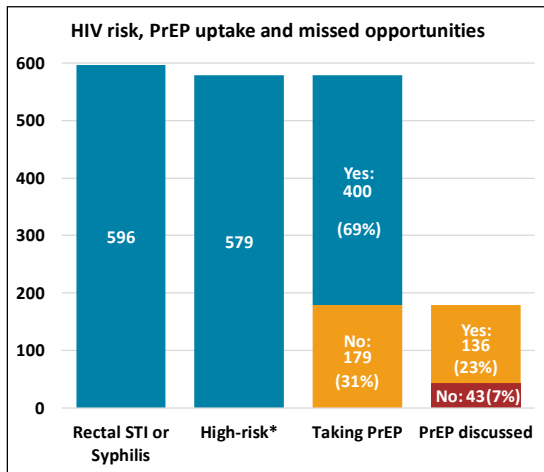
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- **AIM:** estimate uptake of PrEP and identify missed PrEP opportunities at Sydney Sexual Health Centre
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- **METHOD:** Retrospective file review of GBM and trans people at high HIV risk between June 1 and December 31, 2017
 - High-risk indicator = rectal chlamydia, rectal gonorrhoea and infectious syphilis (excluded oral/digital sex, RMP-UDVL or on PrEP)
 - Missed Opportunity = high-risk indicator, not on PrEP with no documented PrEP discussion
 - Data points = PrEP use, documented PrEP discussions, demographic and behavioural characteristics

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RESULTS:

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Excluded: digital/oral sex only; virally suppressed HIV positive partner; partner on PrEP

Characteristics of clients at high risk for HIV taking PrEP compared to those with missed opportunities for PrEP

	Taking PrEP N=400 (%)	Missed opportunity N=43 (%)	p value
Age			
mean±SD	33±8	32±11	0.40
Median	31	27	
IQR	27-37	25-39	
Gender			
Male	387 (96.8)	43 (100.0)	-
Transgender	13 (3.2)	0	
Preferred language			
English	326 (81.5)	37 (86.1)	0.46
Other	74 (18.5)	6 (13.9)	
Interpreter required			
No	354 (88.5)	39 (90.7)	0.67
Yes	46 (11.5)	4 (9.3)	
Country of birth			
Australia	151 (37.8)	17 (39.5)	0.81
Other	249 (62.2)	26 (60.5)	
Number of male partners*			
Median	25	10	
≤10	77 (19.4)	26 (61.9)	0.00
>10	320 (80.6)	16 (38.1)	
Missing	3	1	
Injecting drug use*			
No	363 (90.7)	41 (95.4)	0.31
Yes	37 (9.3)	2 (4.6)	
Sex Work*			
No	373 (93.25)	43 (100.0)	-
Yes	27 (6.8)	0	

*Reported in the past 12 months

CONCLUSIONS/IMPLICATIONS:

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LIMITATIONS:

- Generalizability – only biological markers of high-risk used

RECOMMENDATIONS:

- PrEP discussions & documentation a standard of care for people at high HIV risk
- Automated reminder systems may play a role in improving practice

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