

More participants prefer daily PrEP to event-driven PrEP: baseline characteristics in a Dutch PrEP Demonstration Project

Elske Hoornenborg, project leader
GGD Amsterdam

Maria Prins and Henry de Vries, PI



Disclosure of speaker's interests

| Potentially relevant company relationships in connection with event | Company name |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| <ul style="list-style-type: none">• <i>financial compensation for one advisory board meeting, paid to GGD Amsterdam</i>• <i>Providing of medication and drug level measurements for AMPREP project. Not involved in design, data analyses, or decision whether to publish or not</i> | <p><i>Gilead sciences</i></p> <p><i>Gilead sciences</i></p> |

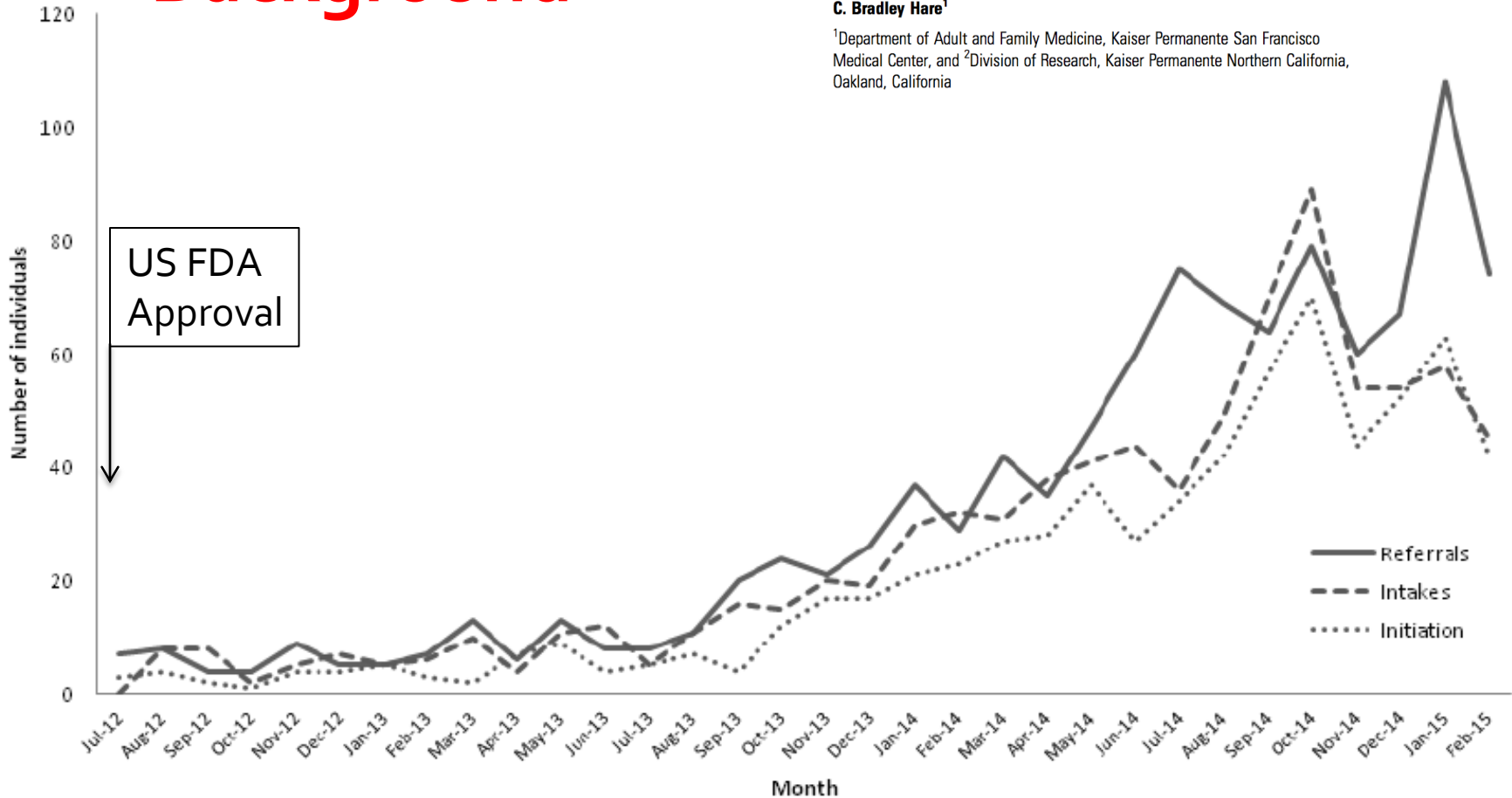


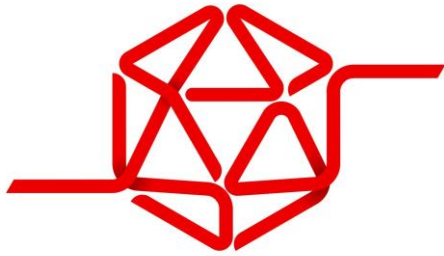
Background

No New HIV Infections With Increasing Use of HIV Preexposure Prophylaxis in a Clinical Practice Setting

Jonathan E. Volk,¹ Julia L. Marcus,² Tony Phengrasamy,¹ Derek Blechinger,¹ Dong Phuong Nguyen,¹ Stephen Follansbee,¹ and C. Bradley Hare¹

¹Department of Adult and Family Medicine, Kaiser Permanente San Francisco Medical Center, and ²Division of Research, Kaiser Permanente Northern California, Oakland, California





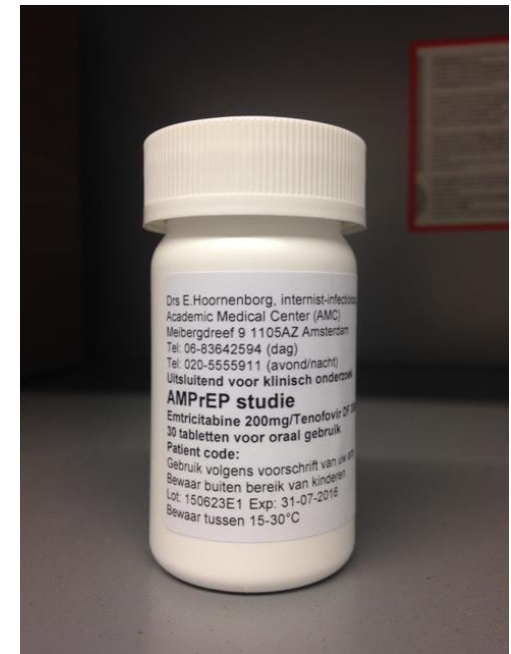
H-TEAM

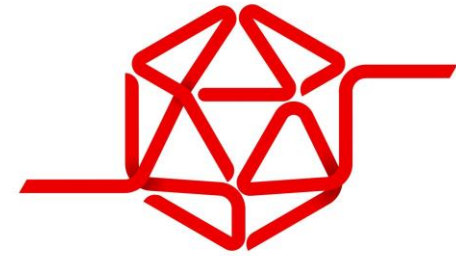


Amsterdam PrEP project (AMPrEP)

- A demonstration project
- Choice of daily or event-driven PrEP
- For MSM and transgender people
- August 2015 - June 2018

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|---------------------|--------------------------------------------------------------------|
| | |
| Primary endpoints | Uptake, acceptability, usability |
| Secondary endpoints | Adherence, hiv infection, resistance, risk behaviour, side effects |





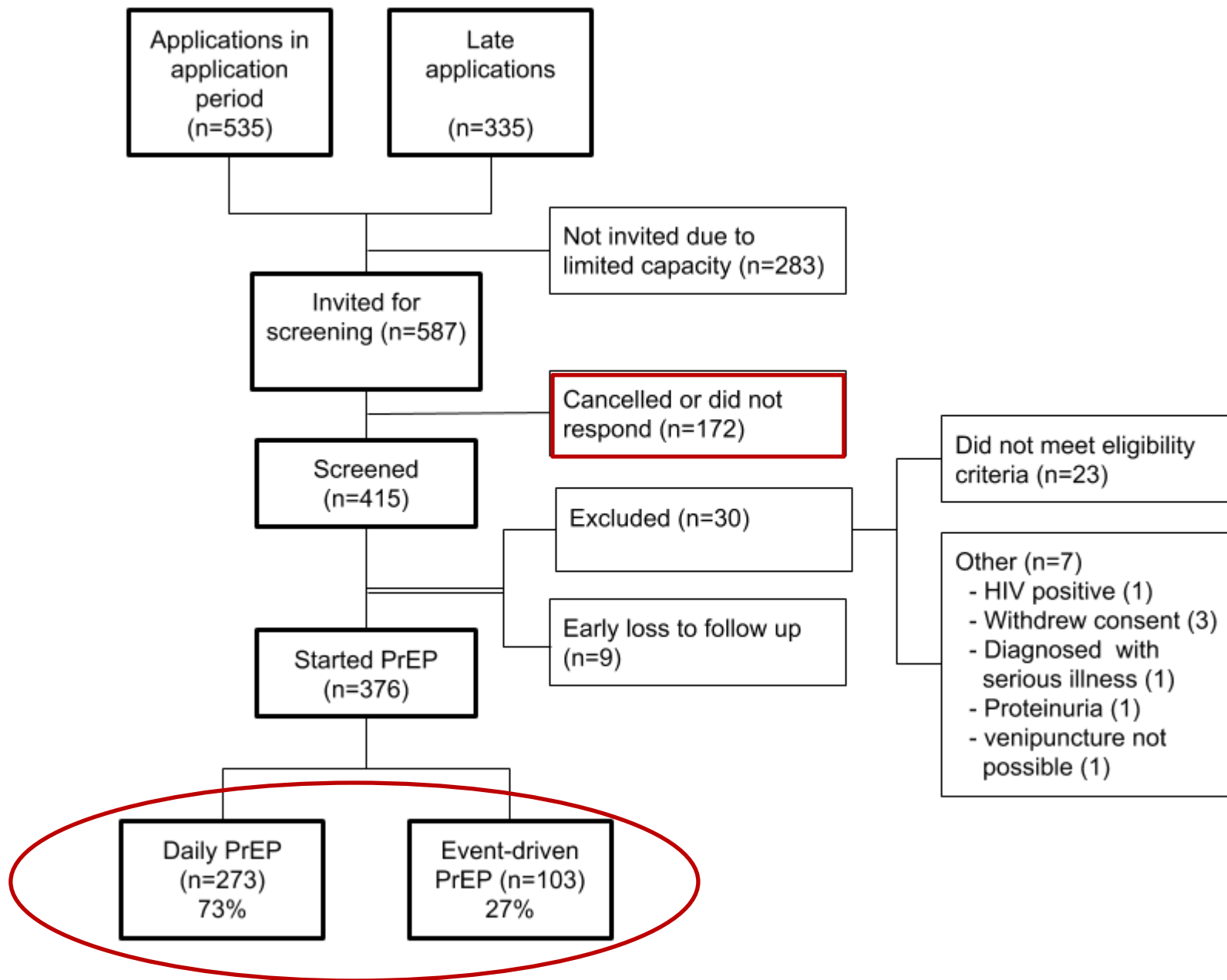
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Inclusion criteria AMPrEP

- MSM or transgender person, HIV negative,

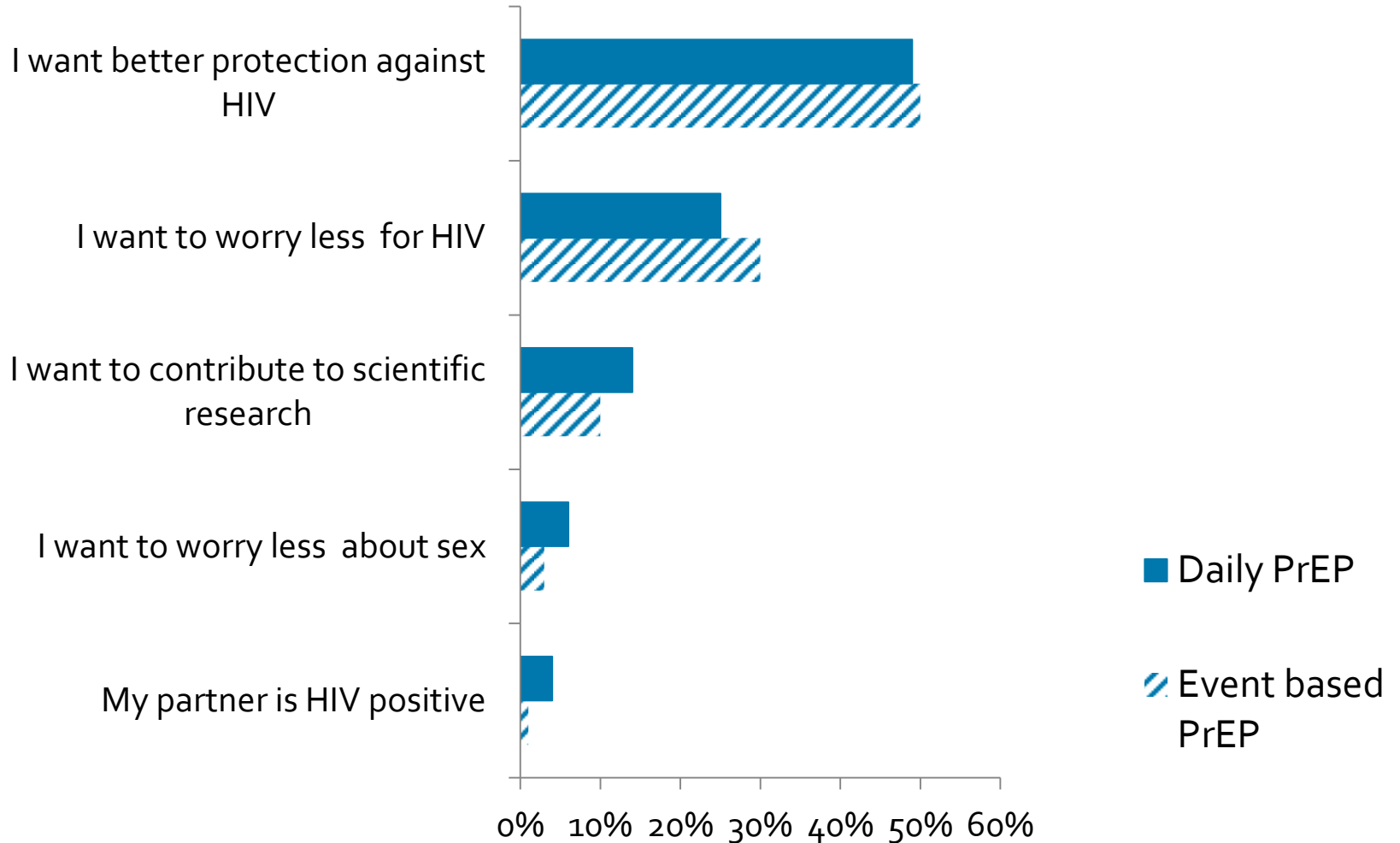
AND at least one of the following in the preceding 6 months :

1. Documented STI
2. Condomless anal sex with casual partners
3. Post-exposure prophylaxis
4. HIV positive partner with a detectable viral load





Motivations for joining AMPrEP





Two cases of HIV infection

- Case 1
 - Started daily PrEP.
 - Stopped a few weeks later
 - Few months later: both he and his partner fell ill
 - antibody test negative, HIV antigen and RNA positive
 - Wild type virus



Case 2

- Daily PrEP user
- Adherence was excellent
- Months after PrEP start: ill → HIV test positive
- Immediate referral for HIV care
- Wild-type virus
- One month after cART was started: undetectable viral load



Concluding remarks

- In AMPrEP: older white highly educated MSM, who want better protection and less worries about HIV
- PrEP protected almost all participants against HIV
- Future data from AMPrEP: sexual risk behaviour and STI; cost-effectiveness



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H-TEAM

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