



HAL
open science

Effectiveness among MSM of an HIV PrEP program developed in a Parisian sexual health center

Bérenger Thomas, Prescillia Piron, Elise de La Rochebrochard, Christophe Segouin, Pénélope Troude

► **To cite this version:**

Bérenger Thomas, Prescillia Piron, Elise de La Rochebrochard, Christophe Segouin, Pénélope Troude. Effectiveness among MSM of an HIV PrEP program developed in a Parisian sexual health center. European Journal of Public Health, 2021, 31 (Supplement 3), pp.332. 10.1093/eurpub/ckab164.878 . hal-04200525

HAL Id: hal-04200525

<https://hal.science/hal-04200525v1>

Submitted on 8 Sep 2023

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Thomas Bérenger, Piron Prescillia, La Rochebrochard Elise (de), Segouin Christophe, Troude Pénélope, 2021, « Effectiveness among MSM of an HIV pre-exposure prophylaxis program developed in a Parisian sexual health center », *European Journal of Public Health*, 2021, 31, Suppl. 3, 332. DOI: 10.1093/eurpub/ckab164.878.

Effectiveness among MSM of an HIV pre-exposure prophylaxis program developed in a Parisian sexual health center

Bérenger Thomas ^{1,2}, Prescillia Piron ^{1,2}, Elise de La Rochebrochard ^{3,4}, Christophe Segouin ^{1,2}, Pénélope Troude ^{1,3}

¹ Department of Public Health, AP-HP, University Hospital Lariboisière-Fernand-Widal, Paris, France

² Free Sexual Health Center, AP-HP, University Hospital Lariboisière-Fernand-Widal, Paris, France

³ Institut National d'Etudes Démographiques, Aubervilliers, France

⁴ CESP, Université Paris-Saclay, UVSQ, Inserm, Villejuif, France

Contact: berenger.thomas@ecomail.fr

BACKGROUND.

HIV pre-exposure prophylaxis (PrEP) is highly effective but depends on patients' adherence and follow-up. To enhance follow-up quality and care engagement, the PrEP program developed in our Parisian sexual health center offers accompanying measures throughout the patients' course of care, relying notably on an identified and easily accessible referent. This trained paramedic counselor in sexual health provides support in organizing appointments, phone and email follow-up to answer daily questions, as well as one-on-one sessions of therapeutic support and counseling. This study aimed to assess the effectiveness of such a PrEP program among men who have sex with men (MSM).

METHODS.

This retrospective observational study included all MSM who initiated PrEP for the first time between 1 August 2018 and 30 June 2019 in the Fernand-Widal hospital sexual health center, Paris, France. Sociodemographic characteristics, sexual practices including very high risk situations (chemsex practice and/ or sexually transmitted diseases at initiation and/or history of post-exposure prophylaxis [PEP]) and course of care during the first year were described. A novel metric developed by Hendrickson et al., the PrEP success ratio at 12 months, was used to assess effectiveness of PrEP.

RESULTS.

Among the 125 MSM included in this study, the median age was 33 and most had only male partners. At initiation, 58% were considered at very high risk of HIV infection, mainly due to a history of PEP. During the first year, patients attended a median of 3 visits (Q1-Q3, 2-4). At 12 months, 96% (95% CI, 92.6 to 99.4) of patients had a successful PrEP course, with no reported seroconversion.

CONCLUSIONS.

This experiment highlights the possibility of achieving a high PrEP success ratio among MSM in a real-world setting. The accompanying measures set up in our sexual health center could explain the effectiveness of our PrEP program in comparison with previous studies.

KEY MESSAGES.

- In a Parisian sexual health center that developed an HIV PrEP program with a trained paramedic counselor in sexual health, 96% of MSM achieved a successful PrEP course at 12 months
- Accompanying measures for PrEP users could play a key role in achieving high PrEP success among MSM.