

The expected impact of an HIV cure on the quality of life, stigma, and sexual satisfaction of people living with HIV and key populations vulnerable to HIV in the Netherlands



UMC Utrecht

aidsfonds

Kim Romijnders¹, Maartje Basten¹, Franco Romero Gonzalez¹, Amy Matser², Myrthe Verburgh³, Maartje Dijkstra⁴, Mirjam Kretschmar¹, Peter Reiss^{3,5}, Pythia Nieuwkerk⁴, Maarten Schim van der Loeff^{3,4} & Ganna Rozhnova^{1,6}

Aim

This quantitative study assessed the expected impact of an HIV cure on the quality of life (QoL), stigma, and sexual satisfaction of people living with HIV (PLHIV) and people vulnerable to HIV in the Netherlands.

Methods

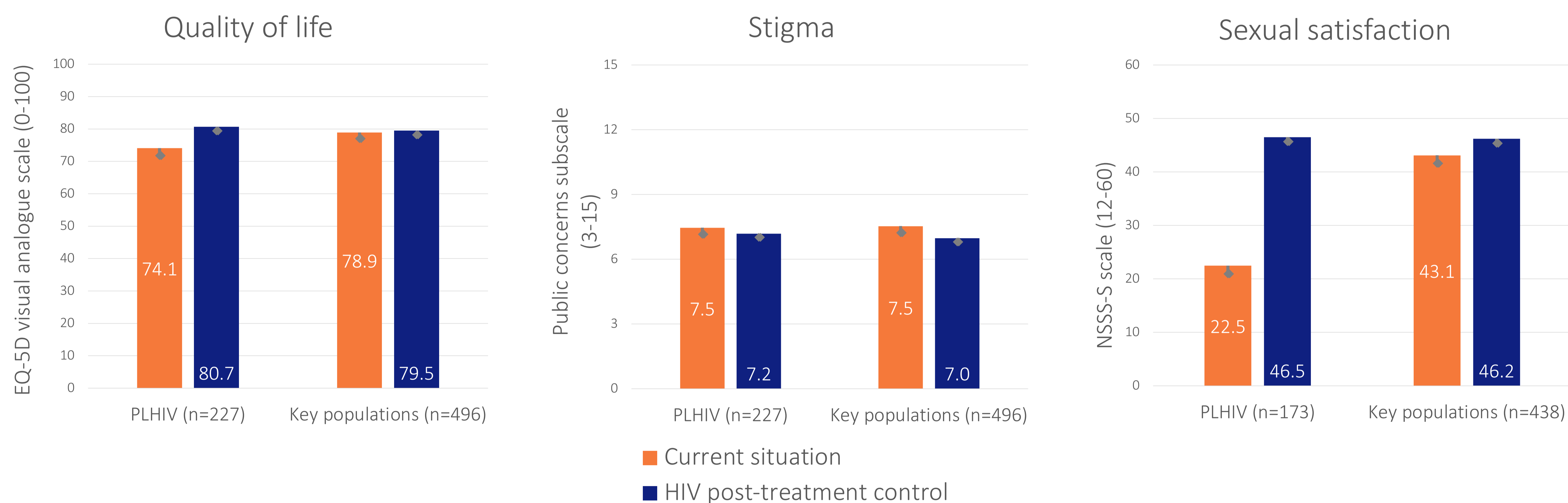
- Cross-sectional survey with 227 PLHIV and 496 people of key populations vulnerable to HIV (e.g., sex-workers or men who have sex with men)
- Participants were asked to rate how 1) either an HIV post-treatment control without the need of ongoing antiretroviral treatment and 2) the elimination of HIV from the body would impact their QoL, stigma, and sex satisfaction.

Conclusion

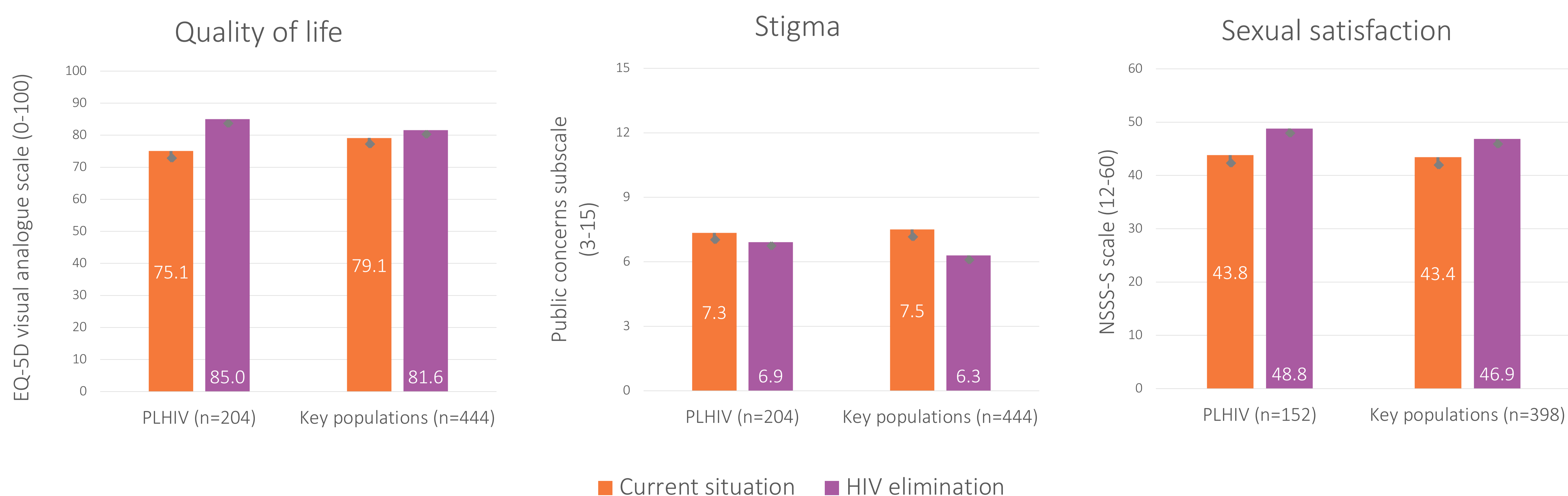
- In both PLHIV and key populations, a favorable impact of both post-treatment control and HIV elimination on QoL, stigma and sexual satisfaction was observed.
- We will investigate whether expected impact of the cure scenarios differed by age, time since diagnosis, gender, sexual background, orientation, and migration background.

Results

HIV post-treatment control



HIV elimination



Affiliations

¹ Julius Center for Health Sciences and Primary Care | UMC Utrecht
² Department of Infectious Diseases | Public Health Service of Amsterdam
³ Department of Infectious Diseases | Amsterdam UMC

⁴ Department of Medical Psychology | Amsterdam UMC
⁵ Stichting hiv monitoring
⁶ BioISI – Biosystems & Integrative Sciences Institute | Universidade de Lisboa