Corrigendum: Human immunodeficiency virus prevention and testing strategies among men who have sex with men in the UK: the PANTHEON research programme including the SELPHI RCT

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Corrigendum notice

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This paper[1] is corrected as follows:

Author Charlie Witzel updated to T Charles Witzel.

Reference

1. Sewell J, Witzel C, Dunn D, Lampe F, Burns F, Weatherburn P, *et al*. HIV prevention and testing strategies among men who have sex with men in the UK: the PANTHEON research programme including the SELPHI RCT. *Programme Grants Appl Res* 2024;**12**(8). https://doi.org/10.3310/AYHE4598

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Abstract

Human immunodeficiency virus prevention and testing strategies among men who have sex with men in the UK: the PANTHEON research programme including the SELPHI RCT

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Background: Rates of human immunodeficiency virus diagnoses in United Kingdom men who have sex with men were at a 10-year high in 2014; many recent infections indicated ongoing transmission. There was a need to increase testing rates, reduce late diagnosis and understand how to best allocate human immunodeficiency virus prevention resources.

Objective: We aimed to assess (1) the feasibility of human immunodeficiency virus self-testing among men who have sex with men, (2) whether the offer of free human immunodeficiency virus self-testing resulted in earlier diagnosis of human immunodeficiency virus in an online randomised controlled trial, (3) the cost-effectiveness of strategies for preventing human immunodeficiency virus in men who have sex with men, including free human immunodeficiency virus self-testing.

Design:

1. We produced a systematic evidence map and conducted focus groups and interviews with men who have sex with men and relevant stakeholders to identify barriers and facilitators to human immunodeficiency virus self-testing.
2. We conducted an internet-based randomised controlled trial (a human immunodeficiency virus Self-testing Public Health Intervention to assess whether free human immunodeficiency virus self-testing with reminders results in earlier diagnosis of human immunodeficiency virus compared with standard of care.
3. We evaluated the cost-effectiveness of human immunodeficiency virus prevention strategies in men who have sex with men in the United Kingdom using a simulation model.

Data sources: Databases included MEDLINE, EMBASE, Global Health, Social Policy and Practice, PsycInfo, Health Management Information Consortium, EBSCO CINAHL Plus, Cochrane Library and Web of Science.

Review methods: Searches combined key terms relating to human immunodeficiency virus with terms related to self-testing. Data were manually extracted through a standard form and then entered into an open-access relational map (HIVST.org).

Additional information

Contributions of authors

Janey Sewell (https://orcid.org/0000-0001-7148-2391) PhD Student. Coordinated the AURAH2 study in WS3.

T Charles Witzel (https://orcid.org/0000-0003-4262-261X) Assistant Professor. Took a lead role in the feasibility work and the qualitative analysis and PE (WSs 1 and 2).

David Dunn (https://orcid.org/0000-0003-1836-4446) Professor, Medical Statistics. Was a co-applicant on the research programme grant and led and contributed to the design and analysis of data in WS2. He was a member of the Core Management Group.

Fiona Lampe (https://orcid.org/0000-0001-6851-5471) Associate Professor, Medical Statistics. Was a co-applicant on the research programme grant and led and contributed to the design and analysis of data in WSs 2 and 3. She was a member of the Core Management Group.

Fiona Burns (https://orcid.org/0000-0002-9105-2441) Associate Professor, Sexual Health and HIV Medicine. Was a co-applicant on the research programme grant and led and contributed to the design and analysis of data in WS1. She was a member of the Core Management Group.

Peter Weatherburn (https://orcid.org/0000-0002-4950-6163) Associate Professor, Health Promotion. Was co-lead of WS1 and responsible for the design and analysis of WS1.

Sheena McCormack (https://orcid.org/0000-0002-7829-1325) Professor, Clinical Epidemiology. Was a co-applicant on the research programme grant and led and contributed to the design and analysis of data in WS2. She was a member of the Core Management Group and co-led the Trial Management Group.

Leanne McCabe (https://orcid.org/0000-0002-6509-8999) Trial Coordinator. Took a lead role in the co-ordination of the SELPHI study in WS2 and was on the Trial Management Group.

Alec Miners (https://orcid.org/0000-0003-1850-1463) Associate Professor, Health Economics. Was a co-applicant on the research programme grant and led and contributed to the design and analysis of data in WS3. He was a member of the Core Management Group.

Valentina Cambiano (https://orcid.org/0000-0003-0700-105X) Associate Professor, Medical Statistics. Was responsible for the economic modelling in WS3.

Roger Pebody (https://orcid.org/0000-0002-9069-2885) PPI Lead. Was the lead on PPI activities and on the Trial Management group.

Roy Trevelion (https://orcid.org/0000-0003-4783-7513) PPI Co-Lead. Was the co-lead on PPI activities.

Nadia Hanum (https://orcid.org/0000-0002-9648-5115) PhD Student. Analysed data from the AURAH2 study in WS3 and contributed to the dissemination of findings.

Andrew Phillips (https://orcid.org/0000-0003-2384-4807) Professor, Epidemiology and Biostatistics. Was a co-PI on the programme grant and contributed to the set-up, design and analysis of component studies in WS2 and led the modelling work in WS3. He was a member of the Core Management Group.

Primary conflicts of interest: T Charles Witzel reports grant funding from Wellcome Trust, HIV Ireland, and The Health Service Executive (Ireland) and consultancy fees from Four Health International and Gilead. Fiona Burns reports grants from the National Institute for Health Research (NIHR) Health Protection Research Unit in Blood Borne and Sexually Transmitted Infections, the Terrence Higgins Trust and Public Health England. Sheena McCormack reports a grant from the EU to fund the European HIV Alliance, an EDCTP and Gilead grant to fund the PrEPVacc programme, and a grant from Imperial College London to fund the COVAC1 vaccine trial, payment from Queens' university of Belfast and University of Bern for talks, support from the Japanese AIDS society and ECDC for travel to meetings, and is the Chair of DSMB overseeing DoxyPeP and D-PEP trials. Alec Miners reports a grant from Gilead for non-HIV-related research. Valentina Cambiano reports grants from the Medical Research Council and UNITAID and consulting fees from the World Health Organisation.

Publications and presentations list

Publications in peer-reviewed journals

WS1:

- Witzel TC, Rodger AJ, Burns FM, Rhodes T, Weatherburn P. HIV self-testing among men who have sex with men (MSM) in the UK: a qualitative study of barriers and facilitators, intervention preferences and perceived impacts. *PLOS ONE* 2016;**11**:e0162713. https://doi.org/10.1371/journal.pone.0162713
- Witzel TC, Rodger AJ. New initiatives to develop self-testing for HIV. *Curr Opin Infect Dis* 2017;**30**:50–7. URL: https://discovery.ucl.ac.uk/id/eprint/1529770/ (accessed 30 September 2024).
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WS2:

- Gabriel MM, Dunn DT, Speakman A, McCabe L, Ward D, Witzel TC, *et al.* Protocol, rationale and design of SELPHI: a randomised controlled trial assessing whether offering free HIV self-testing kits via the internet increases the rate of HIV diagnosis. *BMC Infect Dis* 2018;**18**:531. https://doi.org/10.1186/s12879-018-3433-x