

Online Research @ Cardiff

This is an Open Access document downloaded from ORCA, Cardiff University's institutional repository: <https://orca.cardiff.ac.uk/id/eprint/114629/>

This is the author's version of a work that was submitted to / accepted for publication.

Citation for final published version:

Ahmed, Haroon, Farewell, Daniel, Jones, Hywel M., Francis, Nick A., Paranjothy, Shantini and Butler, Christopher C. 2019. Antibiotic prophylaxis and clinical outcomes among older adults with recurrent urinary tract infection: cohort study. *Age and Ageing* 48 (2) , pp. 228-234.
10.1093/ageing/afy146 file

Publishers page: <http://dx.doi.org/10.1093/ageing/afy146>
<<http://dx.doi.org/10.1093/ageing/afy146>>

Please note:

Changes made as a result of publishing processes such as copy-editing, formatting and page numbers may not be reflected in this version. For the definitive version of this publication, please refer to the published source. You are advised to consult the publisher's version if you wish to cite this paper.

This version is being made available in accordance with publisher policies.

See

<http://orca.cf.ac.uk/policies.html> for usage policies. Copyright and moral rights for publications made available in ORCA are retained by the copyright holders.



Title page

Title

Antibiotic prophylaxis and clinical outcomes among older adults with recurrent urinary tract infection: cohort study

Authors

Haroon Ahmed, (corresponding author)

Division of Population Medicine, Cardiff University School of Medicine, Neuadd Meirionydd, Heath Park, Cardiff, UK, CF14 4YS. Tel: 0044 2922 510194, Email: ahmedh2@cardiff.ac.uk

Daniel Farewell,

Division of Population Medicine, Cardiff University School of Medicine, Neuadd Meirionydd, Heath Park, Cardiff, UK, CF14 4YS. Tel: 0044 2920 687247, Email: farewelld@cardiff.ac.uk

Hywel M Jones,

Division of Population Medicine, Cardiff University School of Medicine, Neuadd Meirionydd, Heath Park, Cardiff, UK, CF14 4YS.

Nick A Francis,

Division of Population Medicine, Cardiff University School of Medicine, Neuadd Meirionydd, Heath Park, Cardiff, UK, CF14 4YS.

Shantini Paranjothy,

Division of Population Medicine, Cardiff University School of Medicine, Neuadd Meirionydd, Heath Park, Cardiff, UK, CF14 4YS.

Christopher C Butler,

Nuffield Department of Primary Care Health Sciences, University of Oxford, Radcliffe Primary Care Building, Radcliffe Observatory Quarter, Woodstock Road, Oxford, UK, OX2 6GG.

Ethical Approval

The CPRD Independent Scientific Advisory Committee approved the study protocol (protocol number 17_098). Further ethical approval was not required as the proposed research was within the remit of the CPRDs broad National Research Ethics Service approval.

Funding

This report is independent research arising from a National Institute of Health Research (NIHR) Doctoral Research Fellowship awarded to Haroon Ahmed, and supported by Health and Care Research Wales (HCRW) [Grant number: DRF-2014-07-010]. The views expressed in this publication are those of the authors and not necessarily those of the NIHR, NHS Wales, HCRW or the Welsh Government. Hywel Jones is supported by The Farr Institute CIPHER, funded by Arthritis Research UK, the British Heart Foundation, Cancer Research UK, the Economic and Social Research Council, the Engineering and Physical Sciences Research Council, the Medical Research Council, the National Institute of Health Research, the National Institute for Social Care and Health Research (Welsh Assembly Government), the Chief Scientist Office (Scottish Government Health Directorates), and the Wellcome Trust, [MRC Grant No: MR/K006525/1]. The funders had no role in study design, data analysis, manuscript preparation or decision to submit this manuscript.

Acknowledgements

We thank our lay advisors, Shanaz Dorkenoo and Eiddwen Thomas, for their ongoing advice and invaluable input into this programme of work.