



In the following we are publishing abstracts as submitted by the authors for the HIV and STI Congress 2019 abstracts

- A1 Keynote Presentations
- A1 Plenary Presentations
- A7 Symposia Presentations
- A34 Clinical Case Series
- A36 Oral Presentations
- A84 Poster Presentations
- A361 Author index

Editor

Anna Maria Geretti (UK)

Deputy Editors

Gwenda Hughes (UK)

Nicola Low (Switzerland)

BASHH Senior Editor

Keith Radcliffe (UK)

BASHH Column Editor

Claire Dewsnap (UK)

Associate Editors

Sevgi Aral (USA)

Tristan Barber (UK)

Adam Bourne (UK)

Henri de Vries (Netherlands)

Claudia Estcourt (UK)

Khalil Ghanem (USA)

Sarah Hawkes (UK)

Jane Hocking (AUS)

Gwenda Hughes (UK)

Cathy Ison (UK)

Cath Mercer (UK)

Alec Miners (UK)

Jo-Ann Passmore (South Africa)

Jonathan Ross (UK)

Joseph Tucker (USA, China)

Katy Turner (UK)

Richard White (UK)

Sarah Woodhall (UK)

Statistical Advisor

Andrew Copas (UK)

Education Editor

Sarah Edwards (UK)

Clinical round-up Editors

Emily Chung (UK)

Sophie Herbert (UK)

Social Media Editor

Harrison Austin (UK)

Editorial Office

Sexually Transmitted Infections

BMJ Publishing Group Ltd

BMA House

Tavistock Square

London WC1H 9JR, UK

E: sti@bmj.comTwitter: [@STI_BMJ](https://twitter.com/STI_BMJ)

ISSN: 1368-4973 (print)

ISSN: 1472-3263 (online)

Impact factor 3.365

Disclaimer: *STI* is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The BMJ Group grants editorial freedom to the Editor of *STI*. *STI* follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

STI is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group or the BMA unless otherwise specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group shall not be liable for any loss, injury or damage resulting from the use of *STI* or any information in it whether based on contract, tort, or otherwise. Readers are advised to verify any information they choose to rely on.

Copyright: © 2019 BMJ Publishing Group Ltd. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior permission *STI* is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Limited, Chennai, India and printed in the UK on acid-free paper.

Sexually Transmitted Infections (ISSN 1368-4973) is published bimonthly by BMJ Publishing Group and is distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431. POSTMASTER: send address changes to *Sexually Transmitted Infections*, Air Business Ltd, c/o WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

This abstract book has been produced by the BMJ Publishing Group from electronic files supplied by the authors. The abstracts have been formatted for consistency but **not edited** for content.

Every effort has been made to reproduce faithfully the abstracts as submitted. However, no responsibility is assumed by the publishers or organisers for any injury and/or damage to persons or property as a matter of product liability, negligence or otherwise, or from any use or operation of any methods, products, instruments, or ideas contained in the material herein.

We recommend independent verification of diagnosis and drug dosages.



An official journal of the British Association of Sexual Health and HIV



This article has been chosen by the Editor to be of special interest or importance and is freely available online.

This article has been made freely available online under the BMJ Journals open access scheme. See <http://sti.bmj.com/pages/authors/#open>This journal is a member of and subscribes to the principles of the Committee on Publication Ethics www.publicationethics.orgMember since 2008
JM00023