



Cover image: Taken from Alzubaidi *et al.* In vivo confocal microscopic corneal images in health and disease with an emphasis on extracting features and visual signatures for corneal diseases: a review study. See page 41.

Editors-in-Chief

Keith Barton (UK)
Jost Jonas (Germany)
James Chodosh (USA)

Editorial Office

BMJ Publishing Group Ltd,
BMA House, Tavistock Square,
London WC1H 9JR, UK

T: +44 (0)20 7383 6170

F: +44 (0)20 7383 6668

E: bjo@bmj.com

Twitter: @BJOphthalmology

ISSN: 0007-1161 (print)
ISSN: 1468-2079 (online)

Impact factor: 2.976

Disclaimer: British Journal of Ophthalmology is owned and published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association. The owner grants editorial freedom to the Editor of British Journal of Ophthalmology.

British Journal of Ophthalmology 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.

British Journal of Ophthalmology 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 Ltd or the BMA unless otherwise specified or determined by law. Acceptance of advertisement does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group Ltd shall not be liable for any loss, injury or damage resulting from the use of British Journal of Ophthalmology 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: © 2015 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 the prior permission of British Journal of Ophthalmology.

British Journal of Ophthalmology is published by BMJ Publishing Group Ltd, typeset by Techset, Chennai, India and printed in the UK on acid-free paper.

British Journal of Ophthalmology (ISSN 0007-1161) is published monthly 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 British Journal of Ophthalmology, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Contents

Volume 100 Issue 1 | BJO January 2016

Editorials

1 Congratulations on one hundred years of ophthalmic publishing
H R Taylor

1 Congratulations to the *British Journal of Ophthalmology*
B Spivey

2 Progress in the past century and future of eye care
G N Rao

Reviews

3 Cornea verticillata supports a diagnosis of Fabry disease in non-classical phenotypes: results from the Dutch cohort and a systematic review
L van der Tol, M L Sminia, C E M Hollak, M Biegstraaten

9 Corneal confocal microscopy for assessment of diabetic peripheral neuropathy: a meta-analysis
M-S Jiang, Y Yuan, Z-X Gu, S-L Zhuang

15 Descemet membrane endothelial keratoplasty
M Ang, M R Wilkins, J S Mehta, D Tan

22 Blood-derived topical therapy for ocular surface diseases
N G Soni, B H Jeng

28 Corneal wound healing after laser vision correction
L Spadea, D Giammaria, P Trabucchi

34 Management of advanced corneal ectasias
P K Maharana, A Dubey, V Jhanji, N Sharma, S Das, R B Vajpayee

41 In vivo confocal microscopic corneal images in health and disease with an emphasis on extracting features and visual signatures for corneal diseases: a review study
R Alzubaidi, M S Sharif, R Qahwaji, S Ipson, A Brahma

56 Persistent dilemmas in zoster eye disease
E J Cohen, J Kessler

62 A review of the surgical options for the correction of presbyopia
R Gil-Cazorla, S Shah, S A Naroo

71 Cerebrospinal fluid pressure and the eye
W H Morgan, C Balaratnasingam, C R P Lind, S Colley, M H Kang, P H House, D-Y Yu

78 Glaucoma in Asia: regional prevalence variations and future projections
E W Chan, X Li, Y-C Tham, J Liao, T Y Wong, T Aung, C-Y Cheng

86 Global variations and time trends in the prevalence of primary open angle glaucoma (POAG): a systematic review and meta-analysis
V V Kapetanakis, M P Y Chan, P J Foster, D G Cooke, C G Owen, A R Rudnicka

94 Developments in laser trabeculoplasty
S Tsang, J Cheng, J WY Lee

98 Optic neuropathy in methylmalonic acidemia and propionic acidemia
L M Alvarez, E Jameson, N R A Parry, C Lloyd, J L Ashworth

105 Extending the diabetic retinopathy screening interval beyond 1 year: systematic review
S Taylor-Phillips, H Mistry, R Leslie, D Todkill, A Tsensvadze, M Connock, A Clarke

115 The cone dysfunction syndromes
J Aboshiha, A M Dubis, J Carroll, A J Hardcastle, M Michaelides

122 Current therapeutic developments in atrophic age-related macular degeneration
J Hanus, F Zhao, S Wang

128 Ocular neuropathic pain
P Rosenthal, D Borsook

135 Ocular manifestations in systemic lupus erythematosus
S Silpa-archa, J J Lee, C S Foster

142 Pathogenesis of thyroid eye disease: review and update on molecular mechanisms
J J Khong, A A McNab, P R Ebeling, J E Craig, D Selva

Retraction

150 Retraction notice



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://bjo.bmj.com/site/about/guidelines.xhtml#open>

C O P E COMMITTEE ON PUBLICATION ETHICS

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk

Receive regular table of contents by email. Register using this QR code.

equator network

recycle
When you have finished with this magazine please recycle it.

