



Cover image: Coady *et al.* Spectral domain optical coherence tomography findings in eyes with acute ischaemic retinal whitening. See page 586.

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: 2.809

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 advertising 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 99 Issue 5 | BJO May 2015

Editorials

- 577** Arthur Ferguson MacCallan: trachoma pioneer in Egypt 1903–1923
M MacCallan

- 580** Ophthalmic statistics note 6: effect sizes matter

J A Cooke, C Bunce, C J Doré, N Freemantle, on behalf of the Ophthalmic Statistics Group

Global issues

- 582** Periocular tuberculous disease: experience from a UK eye hospital

T Salam, J M Uddin, J R O Collin, D H Verity, M Beaconsfield, G E Rose

Reviews

- 586** Spectral domain optical coherence tomography findings in eyes with acute ischaemic retinal whitening

P A Coady, E T Cunningham Jr, R A Vora, H R McDonald, R N Johnson, J M Jumper, A D Fu, S J Haug, S L Williams, B J Lujan

- 593** Association between variants A69S in ARMS2 gene and response to treatment of exudative AMD: a meta-analysis

Z Hu, P Xie, Y Ding, D Yuan, Q Liu

- 599** Biomarkers and surrogate endpoints in glaucoma clinical trials

F A Medeiros

Clinical science

- 604** Six-year incidence of ocular hypertension in a South Indian population: the Chennai eye disease incidence study

M Panday, R George, R Asokan, S V Ramesh, L Velumuri, N S Choudhari, S D Boddupalli, G T Sunil, L Vijaya

- 609** The role of retrobulbar and retinal circulation on optic nerve head and retinal nerve fibre layer structure in patients with open-angle glaucoma over an 18-month period

L A Tobe, A Harris, R M Hussain, G Eckert, A Huck, J Parke, P Egan, N J Kim, B Siesky

- 613** Impact of superior and inferior visual field loss on hazard detection in a computer-based driving test

F C Glen, N D Smith, D P Crabb

- 618** One year results of a phase 1 study of the safety and tolerability of combination therapy using sustained release intravitreal triamcinolone acetonide and ranibizumab for subfoveal neovascular AMD

J I Lim, M Nee, V Wong

- 624** EVEREST study report 2: imaging and grading protocol, and baseline characteristics of a randomised controlled trial of polypoidal choroidal vasculopathy

C S Tan, W K Ngo, J P Chen, N W Tan, T H Lim, on behalf of the EVEREST Study Group

- 629** Increased expression of M-CSF and IL-13 in vitreous of patients with proliferative diabetic retinopathy: implications for M2 macrophage-involving fibrovascular membrane formation

S Yoshida, Y Kobayashi, T Nakama, Y Zhou, K Ishikawa, R Arita, S Nakao, M Miyazaki, Y Sassa, Y Oshima, K Izuhara, T Kono, T Ishibashi

- 635** Does ocriplasmin affect the RPE–photoreceptor adhesion in macular holes?

A Hager, I Seibel, A Riechardt, M Rehak, A M Jousen

- 639** Retinal detachment in England: database studies of trends over time and geographical variation

V Shah, N Hall, M J Goldacre

- 644** New insights into oculodermal nevogenesis and proposal for a new iris nevus classification

C Schwab, I Zalaudek, C Mayer, R Riedl, W Wackernagel, H Juch, B Aigner, A M Brunasso, G Langmann, E Richtig

MORE CONTENTS ►



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>



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.



- 650** Ophthalmic manifestations of perinatally acquired HIV in a US cohort of long-term survivors
T Rutar, J Youm, T Porco, N Tilton, M Muskat, N McNamara, D Wara
- 654** Comparison of ketorolac 0.4% and nepafenac 0.1% for the prevention of cystoid macular oedema after phacoemulsification: prospective placebo-controlled randomised study
P F Tzelikeis, M Vieira, W T Hida, A F Motta, C T Nakano, E M Nakano, M R Alves
- 659** Long-term efficacy and complications of black diaphragm intraocular lens implantation in patients with traumatic aniridia
X Qiu, Y Ji, T Zheng, Y Lu
- 665** Dry eye symptom severity and persistence are associated with symptoms of neuropathic pain
A Galor, L Zlotcavitch, S D Walter, E R Felix, W Feuer, E R Martin, T P Margolis, K D Sarantopoulos, R C Levitt
- 669** Comparison of umbilical cord serum and amniotic membrane transplantation in acute ocular chemical burns
N Sharma, S S Lathi, S V Sehra, T Agarwal, R Sinha, J S Titiyal, T Velpandian, R Tandon, R B Vajpayee
- 674** Peripheral refraction in 7- and 14-year-old children in central China: the Anyang Childhood Eye Study
S-M Li, S-Y Li, L-R Liu, Y-H Zhou, Z Yang, M-T Kang, H Li, X-Y Yang, Y-P Wang, S-Y Zhan, P Mitchell, N Wang, D A Atchison, the Anyang Childhood Eye Study Group
- 680** Changes in refractive error in patients with accommodative esotropia after being weaned from hyperopic correction
Y A Cho, W Y Ryu
- 685** Long-term surgical outcomes of infantile-onset esotropia in preterm patients compared with full-term patients
K-A Park, S Y Oh
- 691** The development of infantile nystagmus
M Theodorou, R Clement, D Taylor, A Moore
-
- Laboratory science**
- 696** Association analysis of TGFBR3 gene with Behçet's disease and idiopathic intermediate uveitis in a Caucasian population
R J Barry, J A Alsalem, J Faassen, P I Murray, S J Curnow, G R Wallace
- 700** Retinal pigment epithelial cells display specific transcriptional responses upon TNF- α stimulation
N M Korthagen, K van Bilsen, S M A Swagemakers, J van de Peppel, J Bastiaans, P J van der Spek, P M van Hagen, W A Dik
- 705** Prevention of allergic conjunctivitis in mice by a rice-based edible vaccine containing modified Japanese cedar pollen allergens
K Fukuda, W Ishida, Y Harada, Y Wakasa, H Takagi, F Takaawa, A Fukushima
- 710** Endothelial cell loss following tissue harvesting by pneumodissection for endothelial keratoplasty: an ex vivo study
S L Altaan, A Gupta, L E Sidney, M S Elalfy, A Agarwal, H S Dua
-
- PostScript**
- 715** Letter