



Cover image: Taken from Guduru A, *et al*. Comparative analysis of autofluorescence and OCT angiography in Stargardt disease. See page 1204.

#### 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 7111 1105  
E: [bjo@bmj.com](mailto:bjo@bmj.com)  
Twitter: @BJOphthalmology

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

Impact factor: 3.384

**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:** © 2018 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 Exeter Premedia Services Private Limited, 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 102 Issue 9 | BJO September 2018

### Global issues

- 1179** Reducing inequity of cataract blindness and vision impairment is a global priority, but where is the evidence?  
*J Ramke, J R Evans, C E Gilbert*

### Reviews

- 1182** Tissue engineering of retina and Bruch's membrane: a review of cells, materials and processes  
*Y S E Tan, P J Shi, C-J Choo, A Laude, W Y Yeong*

- 1188** Statistical approaches in published ophthalmic clinical science papers: a comparison to statistical practice two decades ago  
*H G Zhang, G Ying*

### Clinical science

- 1192** Retinal vascular alterations in reticular pseudodrusen with and without outer retinal atrophy assessed by optical coherence tomography angiography  
*M V Cicinelli, A Rabiolo, R Sacconi, F Lamanna, L Querques, F Bandello, G Querques*

- 1199** Wide-field en face swept-source optical coherence tomography angiography using extended field imaging in diabetic retinopathy  
*T Hirano, S Kakeihara, Y Toriyama, M G Nittala, T Murata, S Sadda*

- 1204** Comparative analysis of autofluorescence and OCT angiography in Stargardt disease  
*A Guduru, M Lupidi, A Gupta, S Jalali, J Chhablani*

- 1208** Choriocapillaris flow deficit in Bietti crystalline dystrophy detected using optical coherence tomography angiography  
*M Miyata, A Oishi, T Hasegawa, K Ishihara, M Oishi, K Ogino, M Sugahara, T Hirashima, M Hata, M Yoshikawa, A Tsujikawa*

- 1213** Genetic risk factors for late age-related macular degeneration in India  
*A Rajendran, P Dhoble, P Sundaresan, V Saravanan, P Vashist, D Nitsch, L Smeeth, U Chakravarthy, R D Ravindran, A E Fletcher*

- 1218** Topography-guided identification of leakage point in central serous chorioretinopathy: a base for fluorescein angiography-free focal laser photocoagulation  
*D S Maltsev, A N Kulikov, J Chhablani*

- 1226** Optical coherence tomography angiography analysis of foveal microvascular changes and inner retinal layer thinning in patients with diabetes  
*K Kim, E S Kim, S-Y Yu*

- 1232** Choroidal neovascular membrane in paediatric patients: clinical characteristics and outcomes  
*T R Padhi, B J Anderson, A M Abbey, Y Yonekawa, M Stem, D Alam, R R Modi, L P Savla, M T Trese, A Capone, K A Drenser, C G Besirli*

- 1238** Peripapillary vascular changes in radiation optic neuropathy: an optical coherence tomography angiography grading  
*R Parrozzani, L Frizziero, D Londei, S Trainiti, R L Modugno, F Leonardi, S Pulze, G Miglionico, E Pilotto, E Midena*

- 1244** Trabeculectomy bleb needling and antimetabolite administration practices in the UK: a glaucoma specialist national survey  
*K Mercieca, B Drury, A Bhargava, C Fenerty*

- 1248** Baerveldt shunt surgery versus combined Baerveldt shunt and phacoemulsification: a prospective comparative study  
*M El Wardani, C Bergin, K Bradly, E Sharkawi*

- 1254** Lid splinting eyelid retraction technique: a minimised sterile approach for intravitreal injections  
*M Munro, G R Williams, A Ells, M Fielden, A Kherani, P Mitchell, J Ruzicki, F A Adatia*

- 1259** Time and motion studies of National Health Service cataract theatre lists to determine strategies to improve efficiency  
*H W Roberts, J Myerscough, S Borsci, M Ni, D P S O'Brart*

**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://authors.bmj.com/open-access>



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics  
[www.publicationethics.org.uk](http://www.publicationethics.org.uk)



When you have finished with this magazine please recycle it.

- 1268** Comparative analysis of the safety and efficacy of intracameral cefuroxime, moxifloxacin and vancomycin at the end of cataract surgery: a meta-analysis  
 *R C Bowen, A X Zhou, S Bondalapati, T W Lawyer, K B Snow, P R Evans, T Bardsley, M McFarland, M Kliethermes, D Shi, C A Mamalis, T Greene, C J Rudnisky, B K Ambati*
- 1277** Treatment of conjunctival melanoma in a Dutch referral centre  
*N J Brouwer, M Marinkovic, S G van Duinen, J C Bleeker, M J Jager, G P M Luyten*
- 1283** Blepharitis as an early sign of metabolic syndrome: a nationwide population-based study  
*C-Y Lee, H-C Chen, H-W Lin, J-Y Huang, S-C Chao, C-B Yeh, H-Y Lin, S-F Yang*
- 1288** Results of viscobubble deep anterior lamellar keratoplasty after failure of pneumatic dissection  
*V Scordia, V De Luca, A Lucisano, A Carnevali, G C Scalzo, C Bovone, M Busin*
- 1293** Topical ganciclovir treatment post-Descemet's stripping automated endothelial keratoplasty for patients with bullous keratopathy induced by cytomegalovirus  
*K Kitazawa, P Jongkhajornpong, T Inatomi, N Koizumi, K Kayukawa, K Wakimatsu, C Sotozono, S Kinoshita*
- 1298** Corneal perforation from peripheral ulcerative keratopathy in patients with rheumatoid arthritis: epidemiological findings of the British Ophthalmological Surveillance Unit  
*H M Timlin, H N Hall, B Foot, P Koay*
- 
- Laboratory science**
- 1303** Association between HLA-B\*44:03-HLA-C\*07:01 haplotype and cold medicine-related Stevens-Johnson syndrome with severe ocular complications in Thailand  
*P Jongkhajornpong, K Lekhanont, P Pisuchpen, P Chantaren, V Puangsrichareern, P Prabhawat, K Suphateetiporn, S Kinoshita, M Ueta*
- 1308** Association of *LACC1*, *CEBPB-PTPN1*, *RIPK2* and *ADO-EGR2* with ocular Behcet's disease in a Chinese Han population  
 *P Wu, L Du, S Hou, G Su, L Yang, J Hu, J Deng, Q Cao, G Yuan, C Zhou, A Kijlstra, P Yang*