

Cover image: Figure 4 taken from page 1613, Hsin-Yu Huang *et al.* Schematic presentation of ocular microsporidiosis in human corneas—pathogenesis and life cycle. Minor trauma in the eyes, such as scraping by plant leaves, can break the corneal epithelium and the underlying Bowman's layer.

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: bjj@bmj.com
Twitter: @BJOphthalmology

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

Impact factor: 3.611

Disclaimer: The Editor of *British Journal of Ophthalmology* has been granted editorial freedom and *British Journal of Ophthalmology* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *British Journal of Ophthalmology* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *British Journal of Ophthalmology* does not imply endorsement. BMJ Publishing Group Limited shall not be liable for any loss, injury or damage howsoever arising from *British Journal of Ophthalmology* (except for liability which cannot be legally excluded).

Copyright: © 2020 BMJ Publishing Group Ltd. All rights reserved; no part of this publication may be reproduced in any form without permission.

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

British Journal of Ophthalmology ISSN 0007-1161 (USPS 2159) is published monthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes to *British Journal of Ophthalmology*, WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Subscription records are maintained at BMA House, Tavistock Square WC1H 9JR London. Air Business Ltd is acting as our mailing agent.

Contents

Volume 104 Issue 11 | BJO November 2020

Editorial

- 1477** Corneal transplantation in the aftermath of the COVID-19 pandemic: an international perspective
M Ang, A Moriyama, K Colby, G Sutton, L Liang, N Sharma, J Hjortdal, D S C Lam, G P Williams, J Armitage, J S Mehta

Reviews

- 1482** Review: Myopia control strategies recommendations from the 2018 WHO/IAPB/BHVI Meeting on Myopia
M Ang, J L Flanagan, C W Wong, A Müller, A Davis, D Keys, S Resnikoff, M Jong, T Y Wong, P Sankaridurg
- 1488** Optic disc haemorrhage and primary open-angle glaucoma: a clinical review
U Jasty, A Harris, B Siesky, L W Rowe, A C V Vercellin, S Mathew, L R Pasquale

Clinical science

- 1492** Glaucoma in the Northern Ireland Cohort for the Longitudinal Study of Ageing (NICOLA): cohort profile, prevalence, awareness and associations
P McCann, R Hogg, D M Wright, S Pose-Bazarrá, U Chakravarthy, T Peto, S Cruise, B McGuinness, I S Young, F Kee, A Azuara-Blanco
- 1500** Selective laser trabeculoplasty versus medication for open-angle glaucoma: systematic review and meta-analysis of randomised clinical trials
S C Chi, Y-N Kang, D-K Hwang, C J-L Liu
- 1508** Anterior chamber particles are associated with reduction of intraocular pressure after selective laser trabeculoplasty
A N Kulikov, D S Maltsev, A A Kazak, M A Burnasheva
- 1512** Efficacy and safety evaluation of benzalkonium chloride preserved eye-drops compared with alternatively preserved and preservative-free eye-drops in the treatment of glaucoma: a systematic review and meta-analysis
A Hedengran, A T Steensberg, G Virgili, A Azuara-Blanco, M Kolko

- 1519** First-in-human continuous 24-hour measurement of intraocular pressure and ocular pulsation using a novel contact lens sensor
R Wasilewicz, T Varidel, S Simon-Zoula, M Schlund, S Cerboni, K Mansouri
- 1524** Effect of partial posterior vitreous detachment on spectral-domain optical coherence tomography retinal nerve fibre layer thickness measurements
Y Liu, N Baniasadi, K Ratanawongphaibul, T C Chen
- 1528** Comparison of central visual sensitivity between monocular and binocular testing in advanced glaucoma patients using imo perimetry
T Kumagai, T Shoji, Y Yoshikawa, I Mine, J Kanno, H Ishii, A Saito, S Ishikawa, I Kimura, K Shinoda
- 1535** Effect of low-dose atropine on myopia progression, pupil diameter and accommodative amplitude: low-dose atropine and myopia progression
A Fu, F Stapleton, L Wei, W Wang, B Zhao, K Watt, N Ji, Y Lyu
- 1542** Objectively measured near work, outdoor exposure and myopia in children
L Wen, Y Cao, Q Cheng, X Li, L Pan, L Li, H Zhu, W Lan, Z Yang
- 1548** Long-term (20-year) real-world outcomes of intravenous chemotherapy (chemoreduction) for retinoblastoma in 964 eyes of 554 patients at a single centre
C L Shields, Z Bas, S Tadepalli, L A Dalvin, R Rao, R Schwendeman, S E Lally, J A Shields, A Shah, A Leahey

[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



When you have finished with this magazine please recycle it.

- 1556** Comparison of OCT angiography in children with a history of intravitreal injection of ranibizumab versus laser photocoagulation for retinopathy of prematurity
 OPEN ACCESS
J Zhao, Z Wu, W Lam, M Yang, L Chen, L Zheng, F Zhang, J Zeng, J Wang, G Zhang
- 1561** Three-year follow-up of choroidal neovascularisation in eyes of chronic central serous chorioretinopathy
Y-C Chen, S-N Chen
- 1567** Comparison of various surgical techniques for optic disc pit maculopathy: vitrectomy with internal limiting membrane (ILM) peeling alone versus inverted ILM flap 'plug' versus autologous scleral 'plug'
N Babu, P Kohli, K Ramasamy
- 1573** ORCA study: real-world versus reading centre assessment of disease activity of neovascular age-related macular degeneration (nAMD)
 OPEN ACCESS
S Liakopoulos, G Spital, C K Brinkmann, T Schick, F Ziemssen, J Voegeler, M Koch, B Kirchof, F G Holz, D Pauleikhoff, S Schmitz-Valckenberg
- 1579** Comparison of true-colour wide-field confocal scanner imaging with standard fundus photography for diabetic retinopathy screening
A Olvera-Barrios, T F C Heeren, K Balaskas, R Chambers, L Bolter, A Tufail, C Egan, J Anderson
- 1585** Effectiveness of an innovative and comprehensive eye care model for individuals in residential care facilities: results of the residential ocular care (ROC) multicentred randomised controlled trial
R E K Man, A T L Gan, M Constantinou, E K Fenwick, E Holloway, E A Finkelstein, M Coote, J Jackson, G Rees, E L Lamoureux
- 1591** Normative patterns and factors associated with presbyopia progression in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases Study
S Majithia, K H Wong, M L Chee, Z-D Soh, S Thakur, X L Fang, Z L Teo, C Sabanayagam, Y C Tham, C-Y Cheng
- 1596** Visual and refractive outcomes and complications in femtosecond laser-assisted versus conventional phacoemulsification cataract surgery: findings from a randomised, controlled clinical trial
D Dzhabber, O M Mustafa, F Alsaleh, Y J Daoud
- 1601** Long-term visual outcomes of the Boston type I keratoprosthesis in Canada
A-A Szigiato, C Bostan, T Nayman, M Harissi-Dagher
- 1608** Three-year follow-up of accelerated transepithelial corneal cross-linking for progressive paediatric keratoconus
 OPEN ACCESS
M Tian, W Jian, X Zhang, L Sun, X Zhou
- 1613** Microsporidial stromal keratitis: characterisation of clinical features, ultrastructural study by electron microscopy and efficacy of different surgical modalities
H-Y Huang, C-L Wu, S-H Lin, W-C Lin, F-C Huang, J-H Hung, S-H Tseng

Laboratory science

- 1621** Observation of nine previously reported and 10 non-reported *SLC4A11* mutations among 20 Iranian CHED probands and identification of an *MPDZ* mutation as possible cause of CHED and FECD in one family
H Moazzeni, M A Javadi, D Asgari, M Khani, M Emami, A Moghadam, M-R Panahi-Bazaz, M H Tehrani, F Karimian, B Hosseini, T N Moghadam, H Hassanpour, M T Akbari, E Elahi