



Front cover image taken from page 104, figure 1 of Pereira LA, *et al*. Retinal findings in hospitalised patients with severe COVID-19. Main retinal findings of patients with severe COVID-19. Panels (A–C) represent three different patients with no baseline comorbidities.

Editor-in-Chief

Frank Larkin (UK)

Deputy Editors

Ludwig Heindl (Germany)

Mingguang He (Australia)

Editorial Office

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

T: +44 (0)20 7111 1105

E: bjo@bmj.com

Twitter: @BJOphthalmology

ISSN: 0007-1161 (print)

ISSN: 1468-2079 (online)

Impact factor: 4.638

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: © 2022 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, 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 (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 World Container Inc. 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes to *British Journal of Ophthalmology*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square WC1H 9HR London. Air Business Ltd is acting as our mailing agent.

Reviews

- 1 Graft detachments in endothelial keratoplasty
R Deshmukh, S Nair, D S J Ting, T Agarwal, J Beltz, R B Vajpayee
- 14 Placoid lesions of the retina: progress in multimodal imaging and clinical perspective
A Marchese, A K Agarwal, S Erba, A Scialdone, E Miserocchi, F Bandello, U Introni, L M Jampol, G Casalino

Clinical science

- 26 Loss of endothelial cells in viral DNA-positive grafts after keratoplasty: a 2-year follow-up study
J-H Qu, R-M Peng, G-G Xiao, H-Q Qu, T Yu, S Zhang, J Hong
- 32 B-scan ultrasound, visual electrophysiology and perioperative videoendoscopy for predicting functional results in keratoprosthesis candidates
L D Silva, A Santos, F Hirai, N Allemann, A Berezovsky, S R Salomão, P R C de Oliveira, G Andrade, A Maia, L B de Sousa, L A de Oliveira
- 37 Mid-term prognosis of type I Boston keratoprosthesis reimplantation
S Bouhout, M-C Robert, M Harissi-Dagher
- 42 Corneal Transplant Follow-up Study II: a randomised trial to determine whether HLA class II matching reduces the risk of allograft rejection in penetrating keratoplasty
W J Armittage, H L Winton, M N A Jones, L Downward, J M Crewe, C A Rogers, D M Tole, A D Dick
- 47 Comparison of intraocular lens calculation methods after myopic laser-assisted in situ keratomileusis and radial keratotomy without prior refractive data
P Patel, Z Ashena, V Vasavada, S A Vasavada, V Vasavada, A Sudhakar, M A Nanavaty
- 54 Ocular motility disturbances after glaucoma drainage device implantation for paediatric glaucoma: a cross-sectional study
K E Leahy, K MacNeill, J Locke, S Sobey, S P Kraft, A Ali

- 60 Correlation of histopathology of trabecular meshwork with clinical features in primary congenital glaucoma
R Agarwal, S Sen, S Kashyap, T Dada, T C Nag, V Gupta, R Sihota

- 65 Two-year outcomes of the MINject drainage system for uncontrolled glaucoma from the STAR-I first-in-human trial
P Denis, C Hirneß, G M Durr, K P Reddy, A Kamarthy, E Calvo, Z Hussain, I K Ahmed
- 71 One-year outcomes of stand-alone ab externo SIBS microshunt implantation in refractory glaucoma
G M Durr, M B Schlenker, S Samet, I K Ahmed
- 80 OCT angiography measured changes in the foveal avascular zone area after glaucoma surgery
T Shoji, J Kanno, R N Weinreb, Y Yoshikawa, I Mine, H Ishii, H Ibuki, K Shinoda
- 87 Risk of non-infectious uveitis or myasthenia gravis in patients on checkpoint inhibitors in a large healthcare claims database
T Xia, A J Brucker, B McGeehan, B L VanderBeek
- 91 Association between temperature changes and uveitis onset in mainland China
H Tan, S Pan, Z Zhong, J Shi, W Liao, G Su, A Kijlstra, P Yang
- 97 Impact of COVID-19 pandemic on uveitis patients receiving immunomodulatory and biological therapies (COPE STUDY)
A K Agarwal, S Sudharshan, P Mahendradas, K Babu, P Shenoy, M Dogra, R Bansal, M Agarwal, J Biswas, S Balamurugan, R Agrawal, V Gupta
- 102 Retinal findings in hospitalised patients with severe COVID-19
L A Pereira, L C M Soares, P A Nascimento, L R N Cirillo, H T Sakuma, G L da Veiga, F L A Fonseca, V L Lima, J Z Abucham-Neto

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



When you have finished with this magazine please recycle it.

- 106** Comparison of foveal thickness in preschool children with a history of retinopathy of prematurity and laser photocoagulation or anti-vascular endothelial growth factor treatment: a prospective, longitudinal study
Y-S Lee, W-M Teh, H-J Tseng, Y-S Hwang, C-C Lai, W-C Wu
- 113** Automated quantification of macular fluid in retinal diseases and their response to anti-VEGF therapy
M Michl, M Fabianska, P Seeböck, A Sadeghipour, B H Najeeb, H Bogunovic, U M Schmidt-Erfurth, B S Gerendas
- 121** Multiple evanescent white dot syndrome: clinical course and factors influencing visual acuity recovery
F Bosello, M Westcott, G Casalino, G Agorogiannis, R Micciolo, A Rees, C Pavesio
- 128** Prospective validation of a virtual clinic pathway in the management of choroidal naevi: the NAEVUS study Report no. 1: safety assessment
L A Harby, Z Ali, A Rajai, S A Roberts, T Peto, I Leung, J Gray, G Hay, A K Arora, P A Keane, V M L Cohen, M Sagoo, K Balaskas
- 135** Outcomes of intravitreal methotrexate to salvage eyes with relapsed primary intraocular lymphoma
M Mohammad, R M Andrews, P N Plowman, G Hay, A K Arora, V M L Cohen, M S Sagoo
- 141** Effect of exposure to biomass smoke from cooking fuel types and eye disorders in women from hilly and plain regions of Nepal
M Patel, M K Shrestha, A Manandhar, R Gurung, S Sadhra, R Cusack, N Chaudhary, S Ruit, J Ayres, O P Kurmi