

Cover image: Taken from Mathis T. et al. Choroidal neovascularisation triggered multiple evanescent white dot syndrome (MEWDS) in predisposed eyes

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

Twitter: @BJOphthalmology

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

Impact factor: 3.806

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

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 with out the prior permission of British Journal of

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 7 | BJO July 2018

Global issues

855 Global prevalence of visual impairment

associated with myopic macular degeneration

OPEN ACCESS and temporal trends from 2000 through 2050: systematic review, meta-analysis and modelling

TR Fricke, M Jong, KS Naidoo, P Sankaridurg, T J Naduvilath, S May Ho, T Y Wong, S Resnikoff

Review

863 Posterior keratoconus

M R Silas, S M Hilkert, J J Reidy, A V Farooq

Clinical science

868 Risk of corneal ulcer in patients with end-stage renal disease: a retrospective large-scale cohort study

> R-L Jan, M-C Tai, S-F Weng, C Chang, J-J Wang, Y-S Chang

873 Comparison of anterior segment optical coherence tomography angiography systems for corneal vascularisation

> M Ang, K Devarajan, S Das, T Stanzel, A Tan, M Girard, L Schmetterer, I S Mehta

878 Impact of type I Boston keratoprosthesis implantation on vision-related quality of life M Ang, R Man, E Fenwick, E Lamoureux, M Wilkins

Corneal complications after orbital radiotherapy for primary epithelial malignancies of the lacrimal gland

> SK Gore, NP Plowman, A Dharmasena, DH Verity, GE Rose

Orbital trapdoor fractures: different clinical profiles between adult and paediatric patients Y Takahashi, M S Sabundayo, H Miyazaki,

H Mito, H Kakizaki

892 Synergistic divergence: case series and literature review

A Awadein, R H Zedan

How does sevoflurane induction, followed by a ketamine maintenance infusion, affect intraocular pressure? Establishment of an anaesthetic protocol for paediatric glaucoma examinations under anaesthesia

J G van der Walt, F Roodt, C Tinley

Neuroimaging and endocrine disorders in paediatric optic nerve hypoplasia

X Qian, S Fouzdar Jain, L A Morgan, T Kruse, M Cabrera, D W Suh

Example of monitoring measurements in a virtual eye clinic using 'big data'

> L Jones, S R Bryan, M A Miranda, D P Crabb, A Kotecha

Tolerable rates of visual field progression in a population-based sample of patients with glaucoma

> A Salonikiou, P Founti, V Kilintzis, A Antoniadis, E Anastasopoulos, T Pappas, A Raptou, F Topouzis

922 Treatment of Advanced Glaucoma Study: a multicentre randomised controlled trial

OPEN ACCESS comparing primary medical treatment with primary trabeculectomy for people with newly diagnosed advanced glaucoma—study protocol A I King, G Fernie, A Azuara-Blanco, I M Burr, T Garway-Heath, J M Sparrow, L Vale, J Hudson, G MacLennan, A McDonald, K Barton, J Norrie

Macular pigment is associated with glareaffected visual function and central visual field loss in glaucoma

W F Siah, C O'Brien, J J Loughman

Prevalence and incidence of non-arteritic anterior ischaemic optic neuropathy in South Korea: a nationwide population-based study I-Y Lee, K-A Park, S Y Oh

Retinal hemangioblastoma: prevalence, 942 incidence and frequency of underlying von Hippel-Lindau disease

> MLM Binderup, A-S Stendell, M Galanakis, H U Møller, J F Kiilgaard, M L Bisgaard

> > 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





- 948 Inter-relationship between visual symptoms, activity limitation and psychological functioning in patients with diabetic retinopathy

 EK Fenwick, GH-L Cheng, REK Man, J Khadka, G Rees, TY Wong, K Pesudovs, EL Lamoureux
- 954 Impact of baseline Diabetic Retinopathy
 Severity Scale scores on visual outcomes in the
 OPEN ACCESS VIVID-DME and VISTA-DME studies

G Staurenghi, N Feltgen, J J Arnold, T A Katz, C Metzig, C Lu, F G Holz, for the VIVID-DME and VISTA-DME study investigators

959 Outcome of anti-vascular endothelial growth factor therapy for neovascular age-related open Access macular degeneration in real-life setting

M Kataja, P Hujanen, H Huhtala, K Kaarniranta, A Tuulonen, H Uusitalo-Iarvinen

- **966** Macular capillary plexuses after macular hole surgery: an optical coherence tomography angiography study

 Y J Kim, J Jo, J Y Lee, Y H Yoon, J-G Kim
- **971** Choroidal neovascularisation triggered multiple evanescent white dot syndrome (MEWDS) in predisposed eyes

T Mathis, B Delaunay, A Cahuzac, V Vasseur, M Mauget-Faÿsse, L Kodjikian

- 977 Differences in clinical ocular outcomes between exogenous and endogenous endophthalmitis caused by *Sporothrix*: a systematic review of published literature

 M. C. Ramírez, Soto
- **983** Safety profile and efficacy of tacrolimus in the treatment of birdshot retinochoroiditis: a retrospective case series review

 F Islam, M Westcott, A Rees, A G Robson, B Kapoor, G Holder, C Pavesio
- 991 Swept-source optical coherence tomography angiography in serpiginous choroiditis

 D Montorio, C Giuffrè, E Miserocchi, G Modorati,

 R Sacconi, S Mercuri, L Querques, G Querques,

 F Bandello

Laboratory science

Association of genetic variations in PTPN2 and CD122 with ocular Behcet's disease Q Zhang, H Li, S Hou, H Yu, G Su, B Deng, J Qi, C Zhou, A Kijlstra, P Yang

1003 Galectin-3: role in ocular allergy and potential as a predictive biomarker

F E C Andrade, M P Corrêa, A D Gimenes, M S dos Santos, M Campos, R Chammas, J Á P Gomes, C D Gil