



Cover image: Taken from Maskin SL, *et al.*
Growth of meibomian gland tissue after
intraductal meibomian gland probing in patients
with obstructive meibomian gland dysfunction.
See page 63.

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: 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 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 1 | BJO January 2018

Review

- 1 ROCK inhibitors for the treatment of ocular diseases
R Nourinia, S Nakao, S Zandi, S Safi, A Hafezi-Moghadam, H Ahmadi

Innovations

- 6 Metagenomic deep sequencing of aqueous fluid detects intraocular lymphomas
J Gonzales, T Doan, J G Shantha, M Bloomer, M R Wilson, J L DeRisi, N Acharya

Global issues

- 9 A worldwide survey of retinopathy of prematurity screening
J S Mora, C Waite, C E Gilbert, B Breidenstein, J J Sloper

Clinical science

- 14 Early postnatal hyperglycaemia is a risk factor for treatment-demanding retinopathy of prematurity
C Slidsborg, L B Jensen, S C Rasmussen, H C Fledelius, G Greisen, M de la Cour

- 19 Outcomes of penetrating keratoplasty in congenital hereditary endothelial dystrophy
H AlArrayedh, L Collum, C C Murphy

- 26 Emergency corneal grafting in the UK: a 6-year analysis of the UK Transplant Registry
P Hossain, A K Tourkmani, D Kazakos, M Jones, D Anderson, on behalf of the NHS Blood and Transplant Ocular Tissue Advisory Group and Contributing Ophthalmologists

- 31 Long-term clinical outcome of femtosecond laser-assisted lamellar keratectomy with phototherapeutic keratectomy in anterior corneal stromal dystrophy
J Lee, J H Kim, D Lee, J W Chang, J Y Shin, J W Seo, M H Seo, N J Moon

- 37 Stability of visual outcome between 2 and 5 years following corneal transplantation in the UK
S-P Chow, C L Hopkinson, D M Tole, M N Jones, S D Cook, W John Armitage, on behalf of the National Health Service Blood and Ocular Tissue Advisory Group and Contributing Ophthalmologists (OTAG Study 23)

- 42 Comparison of corneal dynamic parameters and tomographic measurements using Scheimpflug imaging in keratoconus
T C Y Chan, Y M Wang, M Yu, V Jhanji
- 48 Long-term outcomes of the Boston type I keratoprosthesis in eyes with previous herpes simplex virus keratitis
M Fry, C Aravena, F Yu, J Kattan, A J Aldave
- 54 Conjunctival lymphangiectasia associated with classic Fabry disease
M D Sivley, E L Wallace, D G Warnock, W J Benjamin
- 59 Growth of meibomian gland tissue after intraductal meibomian gland probing in patients with obstructive meibomian gland dysfunction
S L Maskin, W R Testa
- 69 Long-term outcomes of orbital fat decompression in Graves' orbitopathy
A M Cheng, Y-H Wei, S Tighe, H Sheha, S-L Liao
- 74 Use of Ruthenium-106 Brachytherapy for Iris Melanoma: The Scottish Experience
U Agrawal, M Sobti, H C Russell, D Lockington, D Ritchie, P Cauchi, E G Kemp, V Chadha
- 79 Incidence and prevalence of uveitis in South Korea: a nationwide cohort study
T H Rim, S S Kim, D-I Ham, S-Y Yu, E J Chung, S C Lee, on behalf of the Korean Uveitis Society
- 84 Progression of lamellar hole-associated epiretinal proliferation and retinal changes during long-term follow-up
D Compera, R G Schumann, M G Cereda, A Acquistapace, V Lita, S G Priglinger, G Staurenghi, F Bottoni

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



- 91** One-year outcome of intravitreal ziv-aflibercept therapy for non-responsive neovascular age-related macular degeneration
I Z Braimah, K Agarwal, A Mansour, J Chhablani, on behalf of Ziv-aflibercept Study Group
- 97** Six-year outcomes of antivascular endothelial growth factor monotherapy for polypoidal choroidal vasculopathy
T Hikiuchi
- 103** Visual and ocular motor function in the atypical form of neurodegeneration with brain iron accumulation type I
J Jesus-Ribeiro, C Farinha, M Amorim, A Matos, A Reis, J Lemos, M Castelo-Branco, C Januário
- 109** Interdevice comparison of retinal sensitivity assessments in a healthy population: the CenterVue MAIA and the Nidek MP-3 microperimeters
S Balasubramanian, A Uji, J Lei, S Velaga, M Nittala, S Sadda
- 114** Electrophysiological findings show generalised post-photoreceptor deficiency in macular telangiectasia type 2
A A Ledolter, G E Holder, R Ristl, U Schmidt-Erfurth, M Ritter
- 120** Peripheral leptochoroid: clinical and anatomical findings
J H Francis, L A Habib, D H Abramson
- 126** Assessing total retinal blood flow in diabetic retinopathy using multiplane en face Doppler optical coherence tomography
A D Pechauer, T S Hwang, A M Hagag, L Liu, O Tan, X Zhang, M Parker, D Huang, D J Wilson, Y Jia
- 131** Effect of acute intraocular pressure elevation on the minimum rim width in normal, ocular hypertensive and glaucoma eyes
S Sharma, T A Tun, M Baskaran, E Atalay, S G Thakku, Z Liang, D Milea, N G Strouthidis, T Aung, M J A Girard
-
- Laboratory science**
- 136** Phenotypic diversity in autosomal-dominant cone-rod dystrophy elucidated by adaptive optics retinal imaging
H Song, E A Rossi, E Stone, L Latchney, D Williams, A Dubra, M Chung
- 142** In vitro synergy of natamycin and voriconazole against clinical isolates of *Fusarium*, *Candida*, *Aspergillus* and *Curvularia* spp
S Sradhanjali, B Yein, S Sharma, S Das
- 146** Multimodal imaging of small hard retinal drusen in young healthy adults
H R Pedersen, S J Gilson, A Dubra, I C Munch, M Larsen, R C Baraas