

Cover image: Taken from Avadhanam and Liu. A brief review of Boston type-1 and osteo-odonto keratoprostheses. See page 878.

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: bio@bmi.com

Twitter: @BJOphthalmology

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

Impact factor: 2.809

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: © 2015 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 Ophthalmology.

British Journal of Ophthalmology is published by BMJ Publishing Group Ltd, typeset by Techset, Chennai, India and printed in the UK on acid-free

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 Institute of the Change of the Ch Journal of Ophthalmology, Air Business Ltd, c/o Worldnet Shipping Inc., 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA.

Contents

Volume 99 Issue 7 | BJO July 2015

Innovations

875 Novel device for expanding Schlemm's canal: a morphological study

M C Grieshaber, R Stegmann, H R Grieshaber,

Reviews

878 A brief review of Boston type-1 and osteo-odonto keratoprostheses V S Avadhanam, C S C Liu

Why is the General Ophthalmic Services (GOS) Contract that underpins primary eye care in the UK contrary to the public health interest? D Shickle, C J Davey, S V Slade

893 Measuring rates of structural and functional change in glaucoma

K Nouri-Mahdavi, J Caprioli

Clinical science

899 Blepharoptosis surgery in patients with myasthenia gravis

> A S Litwin, B Patel, A A McNab, J D McCann, B Leatherbarrow, R Malhotra

A randomised, parallel-group comparison study of diguafosol ophthalmic solution in patients with dry eye in China and Singapore L Gong, X Sun, Z Ma, Q Wang, X Xu, X Chen,

Y Shao, K Yao, L Tang, Y Gu, H Yuan, W H Chua, J C Y Chuan, L Tong

Sebaceous adenomas of the eyelid and Muir-Torre Syndrome

> L Jagan, P Zoroquiain, V Bravo-Filho, P Logan, M Qutub, M N Burnier Jr

Outcomes of ab interno trabeculectomy with **(3)** the trabectome by degree of angle opening

I I Bussel, K Kaplowitz, J S Schuman, N A Loewen, Trabectome Study Group

Peripapillary choroidal thickness assessed using automated choroidal segmentation software in an Asian population

> P Gupta, T Jing, P Marziliano, M Baskaran, G C M Cheung, E L Lamoureux, C Y Cheung, TY Wong, TAung, C-Y Cheng

Swept-source optical coherence tomography assessment of iris-trabecular contact after phacoemulsification with or without goniosynechialysis in eyes with primary angle closure glaucoma

> T A Tun, M Baskaran, S A Perera, H M Htoon, T Aung, R Husain

932 Intraocular pressure and coronary artery calcification in asymptomatic men and women S Ye, Y Chang, C-W Kim, M-I Kwon, Y Choi, J Ahn, J M Kim, H S Kim, H Shin, S Ryu

937 Improving survival of retinoblastoma in Uganda K M Waddell, K Kagame, A Ndamira, A Twinamasiko, S V Picton, I G Simmons, P Revill, W Tom Johnston, R Newton

Early diagnosis and successful treatment of paraneoplastic melanocytic proliferation

OPEN ACCESS J C G Jansen, J Van Calster, J S Pulido, S L Miles, R G Vile, T Van Bergen, C Cassiman, L H Spielberg, A M Levs

Neoadjuvant/adjuvant treatment of high-risk retinoblastoma: a report from the German Retinoblastoma Referral Centre A Künkele, I Wilm, M Holdt, D Lohmann, N Bornfeld, A Eggert, P Temming, J H Schulte

A randomised, double-masked, controlled study of the efficacy and safety of intravitreal bevacizumab versus ranibizumab in the treatment of macular oedema due to branch retinal vein occlusion: MARVEL Report No. 1 R Narayanan, B Panchal, T Das, J Chhablani, S Jalali, M H Ali, on behalf of MARVEL study group

960 Increased vitreous concentrations of MCP-1 and IL-6 after vitrectomy in patients with proliferative diabetic retinopathy: possible association with postoperative macular oedema

> S Yoshida, Y Kubo, Y Kobayashi, Y Zhou, T Nakama, M Yamaguchi, T Tachibana, K Ishikawa, R Arita, S Nakao, Y Sassa, Y Oshima, T Kono, T Ishibashi

> > 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://bjo.bmj.com/site/about/guidelines.xhtml#open



This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk equator

network **▶**recycle

Receive regular table of contents by email. Register using this QR code



967 Spectral domain optical coherence tomography in patients with sickle cell disease

R Mathew, R Bafiq, J Ramu, E Pearce, M Richardson, E Drasar, S L Thein, S Sivaprasad

973 Pointwise linear regression analysis of serial Humphrey visual fields and a correlation with electroretinography in birdshot chorioretinopathy

> B Arya, M Westcott, A G Robson, G E Holder, C Pavesio

979 Effectiveness and safety of dexamethasone implants for post-surgical macular oedema including Irvine-Gass syndrome: the EPISODIC study

> D Bellocq, J-F Korobelnik, C Burillon, N Voirin, C Dot, E Souied, J Conrath, S Milazzo, P Massin, S Baillif, L Kodjikian

984 Cost-effectiveness of alternative strategies for interferon-γ release assays and tuberculin skin test in tuberculous uveitis

> M Ang, Hai V Nguyen, S Y Kiew, S Chen, S-P Chee, E Finkelstein

990 Prognostic factors for conjunctival melanoma: a study in ethnic Chinese patients *X Sheng, S Li, Z Chi, L Si, C Cui, L Mao, B Lian,*

X Sheng, S Li, Z Chi, L Si, C Cui, L Mao, B Lian B Tang, X Wang, X Yan, Y Kong, J Dai, J Guo

997 Subjective through-focus quality of vision with various versions of modified monovision *G Vandermeer, D Rio, J-J Gicquel, P-J Pisella, R Legras*

Laboratory science

1004 Effect of intravitreal ranibizumab injections on aqueous humour concentrations of vascular endothelial growth factor and pigment epithelium-derived factor in patients with myopic choroidal neovascularisation

C Costagliola, F Semeraro, R dell'Omo, M R Romano, A Russo, F Aceto, R Mastropasqua, A Porcellini

1009 Calcium channel blockade reduces mechanical strain-induced extracellular matrix gene response in lamina cribrosa cells

B Quill, M Irnaten, N G Docherty, E M McElnea, D M Wallace, A F Clark, C J O'Brien