Cover image: Image courtesy Mr Richard Keeler, curator of the museum of the Royal College of Ophthalmologists, UK. Photograph by Mark Thomas.

Editors-in-Chief

Harminder S Dua (UK) Arun D Singh (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

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

Impact factor: 2.725

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: © 2014 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 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 98 Issue 5 | **BJO** May 2014

Editorials

573 Dry eyes, are we getting anywhere? *V S Sangwan, S Bhalekar, S Basu*

574 Can conjunctival lymphoma be a clinical diagnosis?

S Coupland, S Heegaard

Cover illustration

576 Guillaume Pellier de Quengsy: a bold eye surgeon

R Keeler, A D Singh, H S Dua

Review

579 Techniques and outcomes of minimally invasive trabecular ablation and bypass surgery *K Kaplowitz, J S Schuman, N A Loewen*

Global issues

Southeast Asia and Oceania: 1990–2010

J Keeffe, H R Taylor, K Fotis, K Pesudovs,
S R Flaxman, J B Jonas, J Leasher, K Naidoo,
H Price, R A White, T Y Wong, S Resnikoff,
R R A Bourne, on behalf of the Vision Loss Expert
Group of the Global Burden of Disease Study

592 Prevalence and causes of vision loss in Central and South Asia: 1990–2010

J B Jonas, R George, R Asokan, S R Flaxman, J Keeffe, J Leasher, K Naidoo, K Pesudovs, H Price, L Vijaya, R A White, T Y Wong, S Resnikoff, H R Taylor, R R A Bourne, on behalf of the Vision Loss Expert Group of the Global Burden of Disease Study

599 Prevalence and causes of vision loss in East Asia: 1990–2010

T Y Wong, Y Zheng, J B Jonas, S R Flaxman, J Keeffe, J Leasher, K Naidoo, K Pesudovs, H Price, R A White, S Resnikoff, H R Taylor, R R A Bourne, on behalf of the Vision Loss Expert Group of the Global Burden of Disease Study

605 Prevalence and causes of vision loss in North Africa and the Middle East: 1990–2010

M Khairallah, R Kahloun, S R Flaxman, J B Jonas, J Keeffe, J Leasher, K Naidoo, K Pesudovs, H Price, R A White, T Y Wong, S Resnikoff, H R Taylor, R R Bourne, on behalf of the Vision Loss Expert Group

612 Prevalence and causes of vision loss in sub-Saharan Africa: 1990–2010

K Naidoo, S Gichuhi, M-G Basáñez, S R Flaxman, J B Jonas, J Keeffe, J L Leasher, K Pesudovs, H Price, J L Smith, H C Turner, R A White, T Y Wong, S Resnikoff, H R Taylor, R R A Bourne, on behalf of the Vision Loss Expert Group of the Global Burden of Disease Study

619 Prevalence and causes of vision loss in Latin America and the Caribbean: 1990–2010

J L Leasher, V Lansingh, S R Flaxman, J B Jonas, J Keeffe, K Naidoo, K Pesudovs, H Price, J C Silva, R A White, T Y Wong, S Resnikoff, H R Taylor, R R A Bourne, on behalf of the Vision Loss Expert Group of the Global Burden of Disease Study

629 Prevalence and causes of vision loss in high-income countries and in Eastern and Central Europe: 1990–2010

R R A Bourne, J B Jonas, S R Flaxman, J Keeffe, J Leasher, K Naidoo, M B Parodi, K Pesudovs, H Price, R A White, T Y Wong, S Resnikoff, H R Taylor, on behalf of the Vision Loss Expert Group of the Global Burden of Disease Study

Clinical science

639 Impact of dry eye on reading in a population-based sample of the elderly: the Salisbury Eye Evaluation

S W van Landingham, S K West, E K Akpek, B Muñoz, P Y Ramulu

Paediatric and adolescent elevated conjunctival lesions in the plical area: lymphoma or reactive lymphoid hyperplasia?

G Beykin, J Pe'er, G Amir, S Frenkel

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



Precycle

When you have finished with this magazine please recycle

Receive regular table of contents by email.

Register using this QR code.



651 Corneal biomechanical properties of patients with acromegaly

A Ozkok, E Hatipoglu, N Tamcelik, B Balta, A S Gundogdu, M A Ozdamar, P Kadioglu

Secondary iris-claw anterior chamber lens implantation in patients with aphakia without capsular support

J L Güell, P Verdaguer, D Elies, O Gris, F Manero, G Mateu-Figueras, M Morral

Ocular Trauma Scores in paediatric open globe injuries

M M Schörkhuber, W Wackernagel, R Riedl, M R Schneider, A Wedrich

669 Effect of peripapillary retinoschisis on retinal nerve fibre layer thickness measurement in glaucomatous eyes

YHHwang, YYKim, HKKim, YHSohn

675 Ocular haemodynamics in patients with type 2 diabetes and coronary artery disease *P Krasnicki, D A Dmuchowska, E Proniewska-Skretek, S Dobrzycki, Z Mariak*

Screening for convergence insufficiency usingthe CISS is not indicated in young adults

A M Horwood, S Toor, P M Riddell

Changes in ocular factors according to depth variation and viewer age after watching a three-dimensional display

HR Yum, SH Park, H-B Kang, SY Shin

Laboratory science

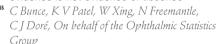
- 691 The collagen matrix of the human trabecular meshwork is an extension of the novel pre-Descemet's layer (Dua's layer)

 H S Dua, L A Faraj, M J Branch, A M Yeung, M S Elalfy, D G Said, T Gray, J Lowe
- Internal structure consistent with remodelling in very small drusen, revealed by filipin histochemistry for esterified cholesterol

 M. Rudolf, K. Seckerdieck, S. Grisanti, C. A. Curcio

Education

703 Ophthalmic statistics note 2: absence ofevidence is not evidence of absence



705 Random conjunctival biopsy in multiorgan disease

A Silvester, S Armstrong, C Matthews, B Hamid

PostScript

706 Letters

713 Corrections