

Editor

Creig Hoyt (USA)

UK Editor

Andrew D Dick (UK)

Website Editor

Robert Bhisitkul (USA)

Translation Editors

Alvin Kwok (Hong Kong)

Jonathan Lake (Brazil)

Daniel S Pereira (Brazil)

Editorial Committee

R Ali (UK)

J Alio (Spain)

A A Al-Rajhi (Saudi Arabia)

A Alm (Sweden)

M Boulton (UK)

B Damato (UK)

H Dua (UK)

F Fitzke (UK)

J V Forrester (UK)

W V Good (USA)

E Heon (Canada)

G E Holder (UK)

P T Khaw (UK)

T Lietman (USA)

S Lightman (UK)

P McCluskey (Australia)

F Mori (Japan)

M Nouri (USA)

S Orgul (Switzerland)

M Repka (USA)

S Ruit (Nepal)

I Schwab (USA)

H Shams (Iran)

R Susanna (Brazil)

D S Taylor (UK)

Editor, *BMJ*

Guidelines for authors and reviewers

Full instructions are available online at www.bjo.bmjournals.com/ifora

All papers must be submitted via Bench > Press at

<http://submit-bjo.bmj.com>

Subscription Information

British Journal of Ophthalmology is published monthly

(subscribers receive all supplements)

Institutional Rates

Print – 2007 rates: £371; US\$686; €549

Online – Site licences are priced on FTE basis and allow access by the whole institution. Print is available at deeply discounted rates for online subscribers; details available online at <http://journals.bmj.com/subscriptions> or contact the Subscription Manager in London

Personal Rates

Print (includes online access) – £148; US\$274; €219

Online only – £95; US\$176; €141

Disclaimer

The *British Journal of Ophthalmology* is published by BMJ Publishing Group Ltd, a wholly owned subsidiary of the British Medical Association.

The BMA grants editorial freedom to the Editor of the *British Journal of Ophthalmology*. The *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.

The *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 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 shall not be liable for any loss, injury or damage resulting from the use of the *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

© 2007 BMJ Publishing Group. 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 the *British Journal of Ophthalmology*

Authors are required to grant the *British Journal of Ophthalmology* an exclusive licence to publish; further details available online at www.bjo.bmj.com/ifora

• *British Journal of Ophthalmology* is published by BMJ Publishing Group, copyedited by Macmillan India Ltd, typeset by The Charlesworth Group, and printed in UK on acid-free paper by Latimer Trend & Co Ltd, Plymouth

• Periodicals postage paid, Rahway, NJ. Postmaster: send address changes to: *British Journal of Ophthalmology*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA

• Local edition *South Asia* Manipal Centre for Media Research and Training (MCMRT), Udayavani Building, Manipal 576119, Karnataka, India.

• ISSN: 0007-1161 (print version)

• ISSN: 1468-2079 (electronic version)



www.publicationethics.org.uk

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



Red eared slider

Michael D Kern

Editorials

- 405 Retinal vein pulsation predicts increasing optic disc excavation *M T Nicoleta*
- 406 All in the timing *B J Winn*
- 407 Combined triamcinolone acetonide injection and grid laser photocoagulation: a promising treatment for diffuse diabetic macular oedema? *T Iida*
- 409 Dysthyroid optic neuropathy: a clinical diagnosis or a definable entity? *C M Dayan, M R Dayan*
- 411 Albinism: a model of adaptation of the brain in congenital visual disorders *I Gottlob*
- 412 Eyes wide s-flt: clearly, avascular fidelity is a vascular endothelial growth factor family affair *R Mohan*

Cover

- 414 Seeing out of the shell *I R Schwab*

World view

- 415 The prevalence and severity of diabetic retinopathy, associated risk factors and vision loss in patients registered with type 2 diabetes in Luganville, Vanuatu *T S T Smith, J Szetu, R R A Bourne*
- 420 Outcomes of cataract surgery in Pakistan: results from The Pakistan National Blindness and Visual Impairment Survey *R Bourne, B Dineen, Z Jadoon, P S Lee, A Khan, G J Johnson, A Foster, D Khan*

Clinical science

Scientific reports

- 427 Urrets-Zavalía syndrome as a complication of argon laser peripheral iridoplasty *E M Espana, A Ioannidis, C Tello, J M Liebmann, P Foster, R Ritch*
- 430 Is early age-related macular degeneration related to carotid artery stiffness? The Atherosclerosis Risk in Communities Study *N Cheung, D Liao, F M A Islam, R Klein, J J Wang, T Y Wong*
- 434 Management of orbital xanthogranuloma with methotrexate *A Hayden, D J Wilson, J T Rosenbaum*
- 437 An evaluation of optometrists' ability to correctly identify and manage patients with ocular disease in the accident and emergency department of an eye hospital *S Hau, D Ehrlich, K Binstead, S Verma*

Clinical science

Extended reports

- 441 Value of retinal vein pulsation characteristics in predicting increased optic disc excavation *C Balaratnasingam, W H Morgan, M L Hazelton, P H House, C J Barry, H Chan, S J Cringle, D-Y Yu*
- 445 Multifocal visual-evoked potential in unilateral compressive optic neuropathy *L Semela, E B Yang, T R Hedges, L Vuong, J G Odel, D C Hood*

- 449 Pretreatment of posterior subtenon injection of triamcinolone acetonide has beneficial effects for grid pattern photocoagulation against diffuse diabetic macular oedema
M Shimura, T Nakazawa, K Yasuda, T Shiono, K Nishida
- 455 Clinical features of dysthyroid optic neuropathy: a European Group on Graves' Orbitopathy (EUGOGO) survey
D McKeag, C Lane, J H Lazarus, L Baldeschi, K Boboridis, A J Dickinson, A L Hullo, G Kahaly, G Krassas, C Marcocci, M Marinò, M P Mourits, M Nardi, C Neoh, J Orgiazzi, P Perros, A Pinchera, S Pitz, M F Prummel, M S Sartini, W M Wiersinga*
- 459 Cultured human ocular surface epithelium on therapeutic contact lenses
N D Giralamo, J Chui, D Wakefield, M T Coroneo
- 465 3-day treatment with azithromycin 1.5% eye drops versus 7-day treatment with tobramycin 0.3% for purulent bacterial conjunctivitis: multicentre, randomised and controlled trial in adults and children
I Cochereau, A Meddeb-Ouertani, M Khairallah, A Amraoui, K Zaghloul, M Pop, L Delval, P Pouliquen, R Tandon, P Garg, P Goldschmidt, T Bourcier
- 470 Serious complications of local anaesthesia for cataract surgery: a 1 year national survey in the United Kingdom
T Eke, J R Thompson
- 476 Effect of the hydrophilicity of acrylic intraocular lens material and haptic angulation on anterior capsule opacification
L Vock, M Georgopoulos, T Neumayer, W Buehl, O Findl
- 481 Visual quality of life after macular hole surgery: outcome and predictive factors
C Hirneiß, A S Neubauer, C A Gass, I W Reiniger, S G Priglinger, A Kampik, C Haritoglou
- 485 In vivo macular pigment measurements: a comparison of resonance Raman spectroscopy and heterochromatic flicker photometry
R E Hogg, R S Anderson, M R Stevenson, M B Zlatkova, U Chakravarthy
- 491 Fundus autofluorescence in exudative age-related macular degeneration
V A McBain, J Townend, N Lois
- 497 Accuracy and performance of a commercially available Dosing Aid
TH Cronin, M Y Kahook, K L Lathrop, R J Noecker

Surgical techniques

- 500 The use of a "cheese-wire" suture in trabeculectomy
Prem-Venkatesh, S Ramamurthi, D M I Montgomery

Laboratory science

Extended reports

- 505 Soluble vascular endothelial growth factor receptor-1 contributes to the corneal antiangiogenic barrier
B K Ambati, E Patterson, P Jani, C Jenkins, E Higgins, N Singh, T Suthar, N Vira, K Smith, R Caldwell
- 509 Perceptual relevance of abnormal visual field representations: static visual field perimetry in human albinism
M B Hoffmann, P S Seufert, L C Schmidtborn
- 514 Morphological characteristics of the limbal epithelial crypt
V A Shanmuganathan, T Foster, B B Kulkarni, A Hopkinson, T Gray, D G Powe, J Lowe, H S Dua
- 520 Identification of resident and inflammatory bone marrow derived cells in the sclera by bone marrow and haematopoietic stem cell transplantation
T Hisatomi, K-h Sonoda, F Ishikawa, H Qiao, T Nakamura, M Fukata, T Nakazawa, K Noda, S Miyahara, M Harada, S Kinoshita, A Hafezi-Moghadam, T Shibashi, J W Miller
- 527 Glutathione S transferase M1 and T1 genetic polymorphisms are related to the risk of primary open-angle glaucoma: a study in a Turkish population
M Ünal, M Güven, K Devranoglu, A Özaydin, B Batar, N Tamçelik, E E Görgün, D Uçar, A Sarıcı
- 531 Photoreceptor mitochondrial oxidative stress in early experimental autoimmune uveoretinitis
R Rajendram, S Saraswathy, N A Rao
- 538 Vascular endothelial growth factor C promotes survival of retinal vascular endothelial cells via vascular endothelial growth factor receptor-2
B Zhao, G Smith, J Cai, A Ma, M Boulton
- 546 Histological evidence for revascularisation of an autologous retinal pigment epithelium-choroid graft in the pig
K JM Maaijwee, J C van Meurs, B Kirchhof, C M Mooij, J H Fischer, J Mackiewicz, K Kobuch, A M Jousen

Perspective

- 551 Recent advances in ophthalmic anterior segment imaging: a new era for ophthalmic diagnosis?
A Konstantopoulos, P Hossain, D F Anderson

PostScript

- 558 Letters
- 561 Notices
- 562 From the Library