



Cover image: *The false door stele of scribe Ipepi and Ptah-anj, priest of Dwaw, god of oculists—circa 1800 BC. From the Alfo Collection. Courtesy of Prof Jorge L Alfo, Alicante, Spain.* See p 487

Editors-in-Chief

Harminder S Dua (UK)
Arun D Singh (USA)

Website Editor

Robert Bhisitkul (USA)

Translation Editors

Evelyn Fu (USA)
José Gomes (Brazil)
Alvin Kwok (Hong Kong)
Merce Morral Palau (Spain)
David Pelayes (Argentina)
Daniel de Souza Pereira (Brazil)

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@bmjgroup.com

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

Impact factor: 2.524

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: © 2008 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 The Charlesworth Group and printed in the UK on acid-free paper by Latimer Trend & Co Ltd, Plymouth.

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

Editorials

- 443** Regional lymph node assessment for conjunctival melanoma: sentinel lymph node biopsy and positron emission tomography
B Esmaeli
- 445** Management of choroidal vascularisation
A Lommatzsch
- 446** Ocular adnexal lymphoma. What is the evidence for an infectious aetiology?
V M L Cohen, J Sweetenham, A D Singh
- 448** Inflammation in the pathogenesis of age-related macular degeneration
A Kanda, G Abecasis, A Swaroop

Reviews

- 451** Choroidal neovascularisation in children
S Sivaprasad, A T Moore
- 455** Treatment of ocular inflammatory conditions with loteprednol etabonate
C E Pavesio, H H DeCory
- 460** Will vaccination against human papillomavirus prevent eye disease? A review of the evidence
D S Hughes, N Powell, A N Fiander
- 466** Ocular candidiasis: a review
C P Shah, J McKey, M J Spirn, J Maguire
- 469** The effect of sildenafil on ocular blood flow
A Harris, L Kagemann, R Ehrlich, Y Ehrlich, C R López, V A Purvin

Global issues

- 474** Uveitis in a tertiary ophthalmology centre in Thailand
K Pathanapitoon, P Kunavisarut, S Ausayakhun, W Sirirungsi, A Rothova

Original articles

Clinical science

- 479** Whole-body 18 FDG PET/CT imaging for lymph node and metastatic staging of conjunctival melanoma
M Kurli, K Chin, P T Finger
- 483** Intravitreal bevacizumab for choroidal neovascularisation associated with pseudoxanthoma elasticum
R P Finger, P Charbel Issa, M Ladewig, F G Holz, H P N Scholl
- 488** Displacement of nuclear fragments into the vitreous complicating phacoemulsification surgery in the UK: incidence and risk factors
S Mahmood, H von Lany, M D Cole, S J Charles, C R H James, B Foot, P Gouws, S Shaw
- 493** Displacement of nuclear fragments into the vitreous complicating phacoemulsification surgery in the UK: clinical features, outcomes and management
H von Lany, S Mahmood, C R H James, M D Cole, S J Charles, B Foot, P Gouws, S Shaw

- 496** Comparison of 4% articaine and 0.5% levobupivacaine/2% lidocaine mixture for sub-Tenon's anaesthesia in phacoemulsification cataract surgery: a randomised controlled trial
S V Raman, J S Barry, S Murjaneh, J Jacob, A Quinn, G Sturrock, S Shaw, K Allman
- 500** A comparative study of the effects of brinzolamide and dorzolamide on retinal oxygen saturation and ocular microcirculation in patients with primary open-angle glaucoma
B Siesky, A Harris, L B Cantor, L Kagemann, Y Weitzman, L McCranor, C Marques, A Werne, E Stefansson

- 505** Association of varicella zoster virus load in the aqueous humor with clinical manifestations of anterior uveitis in herpes zoster ophthalmicus and zoster sine herpete
S Kido, S Sugita, S Horie, M Miyanaga, K Miyata, N Shimizu, T Morio, M Mochizuki
- 509** Age-related macular degeneration and mortality from cardiovascular disease or stroke
J S L Tan, J J Wang, G Liew, E Rochtchina, P Mitchell
- 513** Genotype–phenotype correlation of age-related macular degeneration: influence of complement factor H polymorphism
I Droz, I Mantel, A Ambresin, M Faouzi, D F Schorderet, F L Munier
- 518** Intravitreal Avastin for macular oedema secondary to retinal vein occlusion: a prospective study
K Kriechbaum, S Michels, F Prager, M Georgopoulos, M Funk, W Geitzenauer, U Schmidt-Erfurth
- 523** Non-complicated retinal detachment management: variations in 4 years. Retina 1 project; report 1
E R de la Rúa, J C Pastor, I Fernández, M R Sanabria, J García-Arumí, V Martínez-Castillo, R Coco, L Manzananas, I Miranda

MORE CONTENTS ►



This article has been chosen by the Editor to be of specialist interest or importance and is freely available online.



Articles carrying the Unlocked Logo are freely available online under the BMJ Journals unlocked scheme. See <http://bjo.bmj.com/info/unlocked.dtl>



www.publicationethics.org.uk

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

- 526** Retinal pigment epithelium (RPE)–choroid graft translocation in the treatment of an RPE tear: preliminary results

K Maaijwee, A M Jousen, B Kirchhof, J C van Meurs

- 530** Effects of repeated oral examinations on ophthalmology residents

M N Wiggins, R A Harper, R D Landes, P S O'Sullivan

Laboratory science

- 534** The association between conjunctival MALT lymphoma and *Helicobacter pylori*

S-B Lee, J-W Yang, C-S Kim

- 537** Interleukin-8 promoter polymorphism –251A/T is a risk factor for age-related macular degeneration

S V Goverdhan, S Ennis, S R Hannan, K C Madhusudhana, A J Cree, A J Luff, A J Lotery

- 541** Immunohistochemical localisation of intravitreally injected bevacizumab in the anterior chamber angle, iris and ciliary body of the primate eye

S Peters, P Heiduschka, S Julien, K-U Bartz-Schmidt, U Schraermeyer

- 545** A new advanced glycation inhibitor, LR-90, prevents experimental diabetic retinopathy in rats

A Bhatwadekar, J V Glenn, J L Figarola, S Scott, T A Gardiner, S Rahbar, A W Stitt

- 548** The change of oxidative stress products in diabetes mellitus and diabetic retinopathy

H-Z Pan, H Zhang, D Chang, H Li, H Sui

- 552** Mitochondria- and caspase-dependent cell death pathway involved in neuronal degeneration in diabetic retinopathy

T Oshitari, S Yamamoto, N Hata, S Roy

- 557** Leptin increases in Vogt–Koyanagi–Harada (VKH) disease and promotes cell proliferation and inflammatory cytokine secretion

L Liu, P Yang, H He, X Lin, L Jiang, W Chi, C Zhao, H Zhou

- 562** Lornoxicam protects mouse cornea from UVB-induced damage via inhibition of NF- κ B activation

J Yin, Z Huang, B Wu, Y Shi, C Cao, Y Lu

Education

- 569** Practical recommendations for measuring rates of visual field change in glaucoma



B C Chauhan, D F Garway-Heath, F J Goñi, L Rossetti, B Bengtsson, A C Viswanathan, A Heijl

PostScript

- 574** Letters

- 584** Correction

Video report

- 465** Trypan blue-guided trabeculectomy revision

K N Rajkumar, H J Bunting, A K Patel

Cover image

- 487** The false door stele of scribe Ipepi and Ptah-anj, priest of Dwaw, god of oculists (circa 1800 BC)

J Alio, A Singh, H Dua



See online video reports at <http://bjo.bmj.com/video/collection.dtl>



Take a closer look at the latest research

The British Journal of Ophthalmology keeps you right up to date with the clinical investigations and observations related to ophthalmology, so you'll want the guarantee of reading it every month.

Why not recommend the journal to your librarian or better still, obtain your own personal subscription? You will receive a paper copy every month as well as online access for just £158 a year (€234, \$300). Too much paper on your desk already? An online subscription is just £99 (€147, \$188).

Visit group.bmj.com/group/subs-sales - your subscription to this first class journal is just a few clicks away.

bjo.bmj.com **BMJ Journals**