

Rupert Bourne Publications List

Journals

1. Christopher JL Murray, et al. with R Bourne as co-author. UK health performance: findings of the Global Burden of Disease Study 2010. **Lancet** 2013; March 5- E pub.
2. Christopher JL Murray†, Michael J. Richards, John N. Newton, et al. with R Bourne as co-author. United Kingdom Performance on Health: Implications from the Global Burden of Disease Study 2010. **Lancet** 2013. Submitted fast track.
3. Bourne R, Gale R. The Ophthalmology Specialty Group and the National Institute for Health Research- the first 6 years. **Eye** 2013. Accepted for publication.
4. Gokulan Ratnarajan, Wendy Newsom, Karen French, Jane Kean, Lydia Chang, Mike Parker, David F Garway-Heath, Rupert RA Bourne. The impact of glaucoma referral refinement criteria on referral to, and first-visit discharge rates from, the hospital eye service: the Health Innovation & Education Cluster (HIEC) Glaucoma Pathways project. **Ophthalmic Physiol Opt** 2013 (accepted. doi: 10.1111/opo.12029).
5. Lim SS, Vos T, Flaxman AD, et al. with R Bourne as co-author. A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. **Lancet**. 2013 Dec 15;380(9859):2224-60.
6. Murray CJ, Vos T, Lozano R, et al. with R Bourne as co-author. Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. **Lancet**. 2013 Dec 15;380(9859):2197-223.
7. Vos T, Flaxman AD, et al, with R Bourne as co-author. Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. **Lancet**. 2013 Dec 15;380(9859):2163-96.
8. Salomon JA, Vos T, Hogan DR, with R Bourne as co-author. Common values in assessing health outcomes from disease and injury: disability weights measurement study for the Global Burden of Disease Study 2010. **Lancet**. 2013 Dec 15;380(9859):2129-43.
9. Gokulan Ratnarajan, Wendy Newsom, Karen French, Jane Kean, Lydia Chang, Mike Parker, David F Garway-Heath, Rupert Richard Alexander Bourne. The effect of changes in referral behaviour following NICE guideline publication on agreement of examination findings between professionals in an established glaucoma referral refinement pathway: The Health Innovation & Education Cluster (HIEC) Glaucoma Pathways project. **Br J Ophthalmol** 2013;97(2):210-4.
10. Rupert Bourne, Holly Price, Hugh Taylor, et al. New Systematic Review Methodology for Visual Impairment and Blindness for the 2010 Global Burden of Disease Study. **Ophthalm Epidemiol** 2013;20(1):33-9.
11. The United Kingdom Glaucoma Treatment Study: a multicentre, randomized, placebo-controlled clinical trial. Design and methodology. **Ophthalmology** 2012 (accepted). Co-author. Manuscript 2012-427R1.
12. Somner JE, Sii F, Bourne RR, Cross V, Burr JM, Shah P. Moving from PROMs to POEMs for glaucoma care – a qualitative scoping exercise. **Invest Ophthalmol Vis Sci**. 2012 Aug 31;53(9):5940-7.
13. McCormick et al. Retinal vessel tortuosity in response to hypobaric hypoxia. **High Altitude Medicine and Biology**, accepted 2012.
14. Bourne R, Price H, Stevens G. Global Burden of Visual Impairment and Blindness. **Arch Ophthalmol**. 2012;130(5):645-647.
15. Mandalos A, Bourne R, French K, Newsom W, Chang L. Shared care of patients with ocular hypertension in the Community and Hospital Allied Network Glaucoma Evaluation Scheme (CHANGES). **Eye** (Lond). 2012 Jan 6. doi: 10.1038/eye.2011.350.
16. Landers J, Martin K, Sarkies N, Bourne R, Watson P. A Twenty-Year Follow-up Study of Trabeculectomy: Risk Factors and Outcomes. **Ophthalmology**. 2011 Dec 23.
17. Bourne RR. **Eye** (Lond). Ethnicity and ocular imaging. 2011 Mar;25(3):297-300. Epub 2010 Dec 17.
18. Bourne RR, French KA, Chang L, Borman AD, Hingorani M, Newsom WD. Can a community optometrist-based referral refinement scheme reduce false-positive glaucoma hospital referrals without compromising quality of care? The community and hospital allied network

- glaucoma evaluation scheme (CHANGES). **Eye** (Lond). 2010 May;24(5):881-7.
19. Gibbons H, Bourne RR. Extending a nurse practitioner's role to include the undertaking of advanced procedures.. **Nurs Times**. 2009 Oct 20-26;105(41):24-6.
 20. [Shah SP, Jadoon MZ, Dineen B, Bourne RR, Johnson GJ, Gilbert CE, Khan MD](#). Refractive errors in the adult pakistani population: the national blindness and visual impairment survey. **Ophthalmic Epidemiol**. 2008 May-Jun;15(3):183-90.
 21. [Shah SP, Minto H, Jadoon MZ, Bourne RR, Dineen B, Gilbert CE, Khan MD; Pakistan National Eye Survey Study Group](#). Prevalence and causes of functional low vision and implications for services: the Pakistan National Blindness and Visual Impairment Survey. **Invest Ophthalmol Vis Sci**. 2008 Mar;49(3):887-93.
 22. [Bourne RR, Foster PJ, Bunce C, Peto T, Hitchings RA, Khaw PT, Seah SK, Garway-Heath DF](#). The morphology of the optic nerve head in the Singaporean Chinese population (the Tanjong Pagar study): part 2--Biometric and systemic associations. **Br J Ophthalmol**. 2008 Mar;92(3):310-4.
 23. [Bourne RR, Foster PJ, Bunce C, Peto T, Hitchings RA, Khaw PT, Seah SK, Garway-Heath DF](#). The morphology of the optic nerve head in the Singaporean Chinese population (the Tanjong Pagar study): part 1--Optic nerve head morphology. **Br J Ophthalmol**. 2008 Mar;92(3):303-9.
 24. [Shah SP, Dineen B, Jadoon Z, Bourne R, Khan MA, Johnson GJ, De Stavola B, Gilbert C, Khan MD](#). Lens opacities in adults in Pakistan: prevalence and risk factors. **Ophthalmic Epidemiol**. 2007 Nov-Dec;14(6):381-9.
 25. [Gilbert CE, Shah SP, Jadoon MZ, Bourne R, Dineen B, Khan MA, Johnson GJ, Khan MD; Pakistan National Eye Survey Study Group](#). Poverty and blindness in Pakistan: results from the Pakistan national blindness and visual impairment survey. **BMJ**. 2008 Jan 5;336(7634):29-32. Epub 2007 Dec 17.
 26. [Bourne RR, Jahanbakhsh K, Boden C, Zangwill LM, Hoffmann EM, Medeiros FA, Weinreb RN, Sample PA](#). Reproducibility of visual field end point criteria for standard automated perimetry, full-threshold, and Swedish interactive thresholding algorithm strategies: diagnostic innovations in glaucoma study. **Am J Ophthalmol**. 2007 Dec;144(6):908-913. Epub 2007 Oct 24.
 27. Uncorrected refractive error and presbyopia: accommodating the unmet need. **Br J Ophthalmol**. 2007 Jul;91(7):848-50.
 28. [Jadoon Z, Shah SP, Bourne R, Dineen B, Khan MA, Gilbert CE, Foster A, Khan MD; Pakistan National Eye Survey Study Group](#). Cataract prevalence, cataract surgical coverage and barriers to uptake of cataract surgical services in Pakistan: the Pakistan National Blindness and Visual Impairment Survey. **Br J Ophthalmol**. 2007 Oct;91(10):1269-73.
 29. [Dineen B, Bourne RR, Jadoon Z, Shah SP, Khan MA, Foster A, Gilbert CE, Khan MD; Pakistan National Eye Survey Study Group](#). Causes of blindness and visual impairment in Pakistan. The Pakistan national blindness and visual impairment survey. **Br J Ophthalmol**. 2007 Aug;91(8):1005-10.
 30. [Bourne R, Dineen B, Jadoon Z, Lee PS, Khan A, Johnson GJ, Foster A, Khan D](#). Outcomes of cataract surgery in Pakistan: results from The Pakistan National Blindness and Visual Impairment Survey. **Br J Ophthalmol**. 2007 Apr;91(4):420-6.
 31. [Smith TS, Szetu J, Bourne RR](#). The prevalence and severity of diabetic retinopathy, associated risk factors and vision loss in patients registered with type 2 diabetes in Luganville, Vanuatu. **Br J Ophthalmol**. 2007 Apr;91(4):415-9.
 32. Bourne RRA. The Optic Nerve Head in Glaucoma. **J Community Eye Health** 2006;19:12-13.
 33. Ng D, Zangwill L, Racette L, Bowd C, Pasual J, Bourne R, Boden C, Weinreb R, Sample P. Agreement and Repeatability for Standard Automated Perimetry and Confocal Scanning Laser Ophthalmoscopy in the Diagnostic Innovations in Glaucoma Study. **Am J Ophth** 2006;142:381-386.
 34. Jadoon MZ, Dineen B, Bourne RRA, Shah SP, Khan A, Johnson GJ, Gilbert CE, Khan MD. Prevalence of blindness and visual impairment in Pakistan: The Pakistan National Blindness and Visual Impairment Survey. **Invest Ophthalmol Vis Sci** 2006; 47(11):4749-55.
 35. The Eye at Altitude. Daniel Morris, John Somner, Michael Donald, Ian McCormick, Rupert Bourne, Suber Huang, Peter Aspinall, Baljean Dhillon. **Advances in Experimental Medicine & Biology**. Vol. 588, p249-270.
 36. Hoffmann EM, Boden C, Zangwill LM, Bourne RR, Weinreb RN, Sample PA. Inter-eye comparison of patterns of visual field loss in patients with glaucomatous optic neuropathy. **Am J Ophthalmol**. 2006 Apr;141(4):703-8.

37. Hoffmann EM, Medeiros FA, Sample PA, Boden C, Bowd C, Bourne RR, Zangwill LM, Weinreb RN. Relationship between patterns of visual field loss and retinal nerve fiber layer thickness measurements. **Am J Ophthalmol**. 2006 Mar;141(3):463-471.
38. Bowd C, Zangwill LM, Medeiros FA, Tavares IM, Hoffmann EM, Bourne RR, Sample PA, Weinreb RN. Structure-function relationships using confocal scanning laser ophthalmoscopy, optical coherence tomography, and scanning laser polarimetry. **Invest Ophthalmol Vis Sci**. 2006 Jul;47(7):2889-95.
39. Robert E MacLaren, Mythili Natkunarajah, Yasmin Riaz, Rupert RA Bourne Marie Restori, Bruce DS Allan. Biometry accuracy with 30+ Diopter Intraocular Lenses: biometry in extreme hyperopia. **Am J Ophthalmol**. 2007 Jun;143(6):920-931.
40. Bourne R. Worldwide glaucoma through the looking glass. **Br J Ophth**. 2006 90:253-254.
41. Michael H. Goldbaum, Pamela A. Sample, Zuohua Zhang, Kwokleung Chan, Jiucang Hao, Te-Won Lee, Catherine Boden, Christopher Bowd, Rupert Bourne, Linda Zangwill, Terrence Sejnowski, David Spinak, Robert N. Weinreb. Using Unsupervised Learning with Independent Component Analysis to Identify Patterns of Glaucomatous Visual Field Defects. **Invest Ophthalmol Vis Sci**. 2005 46:3676-3683.
42. Esther M. Hoffmann, Christopher Bowd, Felipe A. Medeiros, Catherine Boden, Franz H. Grus, Rupert R. Bourne, Linda M. Zangwill, Robert N. Weinreb. Agreement among 3 Optical Imaging Methods for the Assessment of Optic Disc Topography. **Ophthalmology** 2005 112 (12):2149-56.
43. R Bourne, B Dineen, Z Jadoon, P Lee, A Khan, G Johnson, A Foster, D Khan, Pakistan National Eye Survey Study Group. The Pakistan National Blindness and Visual Impairment Survey—Research Design, Eye Examination Methodology and Results of the Pilot Study. **Ophthalmic Epidemiology** 2005 12:321-333.
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45. RRA Bourne, BP Dineen, SM Ali, DM Noorul Huq, GJ Johnson. Correction of Refractive Error in the Adult Population of Bangladesh: Meeting the Unmet Need. **Invest Ophthalmol Vis Sci**. 2004; 45:410-417.
46. Bourne RRA, Minassian DC, Dart JKG, Rosen P, Kaushal S, Wingate N. The effect of cataract surgery on the corneal endothelium: phakoemulsification compared with extracapsular cataract surgery. **Ophthalmology**. 2004 Apr;111(4):679-85.
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48. R R A Bourne, B P Dineen, S M Ali, D M N Huq, G J Johnson. The Outcomes of Cataract Surgery in Bangladesh- results from a population-based nationwide survey. **Br J Ophthalmol**; 87:813-819. 2003.
49. Bourne RRA, Sukdom P, Foster PJ, Tantisevi V, Jitapunkul S, Lee PS, Johnson GJ, Rojanapongpun P. The prevalence of glaucoma in Thailand: a population-based survey in Rom Klao district, Bangkok. **Br J Ophthalmol** 2003; 87: 1069-1074.
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- gunshot injury to the globe. **J R Army Med Corps** 2002;148: 144-147.
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 63. Bourne RRA, Ivanov V, McKenzie S. Vaccination rates in Moscovite children. **Lancet** 1994; 344: 1366.

Publications: Books

World Glaucoma Association consensus series: IOP, Medical Treatment of Glaucoma.

Topics & Trends: Practicalities of Screening for Glaucoma

Scanning Laser Imaging in Atlas of Glaucoma, 2nd Edition. Choplin, N.T. & Lundy, D.C. Eds.

Authors: C Bowd, LM, Zangwill, RRA Bourne, RN Weinreb. 2006.

The Eye at Altitude. Daniel Morris, John Somner, Michael Donald, Ian McCormick, Rupert Bourne, Suber Huang, Peter Aspinall, Baljean Dhillon. *Advances in Experimental Medicine & Biology*. Vol. 588, p249-270.

Wolff's Anatomy of the Eye and Orbit. AJ Bron, RC Tripathi, BJ Tripathi. Contributed a section on racial differences in optic disc morphology.

Royal Geographical Society Expedition Medicine 2002, 2nd Edition & now 3rd Edition. Profile Books, London. Contributed the ophthalmology perspective.