Articles

The following journal articles are available from the Library and Knowledge Service electronically or in print. Please follow links to access full text online, contact me to order copies, or call into your nearest library.

Choriocapillaris impairment around the atrophic lesions in patients with geographic atrophy: a swept-source optical coherence tomography angiography study.
[The purpose of this study was to evaluate the choriocapillaris (CC) flow alterations around geographic atrophy (GA) in eyes with dry age-related macular degeneration.]
Available with an NHS OpenAthens password for eligible users

Development of a new grip for use with a long cane for visually impaired children.
[A new grip part for the long cane used by visually impaired children was developed and the effect of this grip, using the muscle activity of the upper limbs, investigated.]
Contact the library for a copy of this article

Distribution of preoperative and postoperative astigmatism in a large population of patients undergoing cataract surgery in the UK.
[The purpose of this retrospective cohort study was to assess the prevalence and severity of preoperative and postoperative astigmatism in patients with cataract in the UK.]
Available with an NHS OpenAthens password for eligible users

Early retinal and choroidal OCT and OCT angiography signs of inflammation after uncomplicated cataract surgery.
[The purpose of this study was to evaluate, by means of optical coherence tomography (OCT) and OCT angiography (OCTA), early retinal, choroidal and macular perfusion changes induced by a local inflammatory reaction secondary to uncomplicated cataract surgery.]
Available with an NHS OpenAthens password for eligible users

Elastin modulation and modification by homocysteine: a key factor in the pathogenesis of Pseudoexfoliation syndrome?
[Pseudoexfoliation syndrome (PXF) is an idiopathic, elastogenesis-associated systemic disease characterised by amyloid-like material aggregates in the eye. Elevated plasma and aqueous humour (aqH) homocysteine (Hcy) is reportedly associated with PXF. This study is aimed to probe Hcy-mediated alterations in elastin expression.]
[The purpose of this study was to investigate the factors associated with macular atrophy (MA) growth rates in neovascular age-related macular degeneration treated with either ranibizumab or aflibercept.]

[To assess the psychological effects of preoperative primary eye position and surgical correction of strabismus in adolescent patients.]

[The purpose of this prospective randomised clinical trial was to compare the efficacy of combined intravitreal injection of bevacizumab and a Rho-kinase inhibitor, fasudil (intravitreal bevacizumab (IVB)/intravitreal fasudil (IVF)), with IVB alone for centre-involving diabetic macular oedema (DME).]

[To investigate whether subjects with preperimetric glaucoma exhibit decline in patient-reported vision-related quality of life (QoL) compared with healthy individuals.]

[The purpose of this study was to assess the 30-month outcome of treat and extend (TAE) intravitreal ziv-aflibercept therapy in eyes with macular diseases.]

[The aim of this study is to describe the barriers and facilitators to accessing low vision rehabilitation services in Massachusetts, USA, and determine differences between communities with and without existing low vision rehabilitation services for older adults with visual impairment.]

Contact the library for a copy of this article
Macular spatial distribution of preserved autofluorescence in patients with choroideremia.  
[The purpose of this study was to better understand the pattern of degeneration progression in cases with choroideremia.]  
Available with an NHS OpenAthens password for eligible users

Occupational performance in the basic and instrumental daily activities of persons with low vision who received rehabilitation services.  
[The objective was to describe the occupational performance in basic and instrumental daily activities of persons living in the community who have received comprehensive interdisciplinary low vision rehabilitation services.]  
Contact the library for a copy of this article

Ocular findings and blood flow in patients with Takayasu arteritis: a cross-sectional study.  
[Takayasu arteritis (TAK) is a chronic granulomatous vasculitis that can lead to ischaemic ocular complications. The study aimed to document ocular complications, ocular blood flow and the association of them with systemic clinical findings in TAK.]  
Available with an NHS OpenAthens password for eligible users

Paramacular temporal atrophy in sickle cell disease occurs early in childhood.  
[Initially reported in a few patients with homozygous sickle cell disease (SCD), atrophic areas of the retina temporal from the macula are now known to be present in about 48% of eyes of adult patients with SS-SCD and in 35% of eyes of adult patients with SC-SCD. The aim of this study is to describe this paramacular atrophy in children affected with SCD.]  
Available with an NHS OpenAthens password for eligible users

Participation and quality of life for persons with oculomotor impairments after acquired brain injury.  
Wagener SG. *British Journal of Occupational Therapy* 2019;82(8):475-484.  
[Acquired brain injury is a major diagnostic group treated by occupational therapists. This study explored participation in everyday activities and social roles, and quality of life for persons with acquired brain injury-related oculomotor impairments.]  
Contact the library for a copy of this article

Prevalence and causes of blindness and vision impairment: magnitude, temporal trends and projections in South and Central Asia.  
[To assess prevalence and causes of vision loss in Central and South Asia. One-third of the global blind resided in South Asia in 2015, although the age-standardised prevalence of blindness and MSVI decreased significantly between 1990 and 2015.]
Prevalence and causes of vision loss in Latin America and the Caribbean in 2015: magnitude, temporal trends and projections.
[The purpose of this study was to estimate the prevalence and causes of blindness and vision impairment for distance and near in Latin America and the Caribbean (LAC) in 2015 and to forecast trends to 2020.]

[The purpose of this study was to assess the prevalence and causes of vision impairment in North Africa and the Middle East (NAME) from 1990 to 2015 and to forecast projections for 2020.]

Prevalence and causes of vision loss in South-east Asia and Oceania in 2015: magnitude, temporal trends and projections.
[The purpose of this study was to assess prevalence and causes of vision impairment in South-east Asia and Oceania regions from 1990 to 2015 and to forecast the figures for 2020.]

Racial differences and determinants of macular thickness profiles in multiethnic Asian population: the Singapore Epidemiology of Eye Diseases Study.
[The purpose of this study was to evaluate racial differences, and ocular and systemic determinants of macular thickness (MT), measured by spectral-domain optical coherence tomography (SD-OCT) in a normal multiethnic Asian population.]

Repeatability and comparability of peripapillary vessel density measurements of high-density and non-high-density optical coherence tomography angiography scans in normal and glaucoma eyes.
[Purpose of this cross-sectional study was to compare the peripapillary vessel density (VD) measurements of high-density (HD) and non-HD optical coherence tomography angiography (OCTA) scans in normal and glaucoma eyes, and to evaluate the intrasession repeatability of VD measurements of HD scans.]

Scanning training for rehabilitation of visual field loss due to stroke: Identifying and exploring training tools in use.
Visual field loss affects one fifth of stroke survivors, limiting daily activities and reducing quality of life. Scanning training is a commonly used intervention, but there is variation in how this is delivered. This study aimed to identify the scanning training tools used in Scotland and describe their training parameters, delivery and suitability for use with stroke survivors.

Freely available online

Self-regulation when using a mobility scooter: The experiences of older adults with visual impairments.
[Individuals with visual impairment may choose to use a mobility scooter for meaningful community mobility. This study investigated what self-regulation strategies older adults with visual impairment employed to ensure effective mobility scooter use.]

Freely available online

Special issue: Low vision rehabilitation.
[[Editorial] "Because occupational therapists must be prepared to address the occupational participation needs of those with low vision, this special issue of the British Journal of Occupational Therapy is timely. I am pleased to be able to create an issue of diverse topics addressing visual impairment from a broad international perspective including Canada, Japan, the Netherlands, New Zealand, the United Kingdom and the United States". ]

Freely available online

Subfoveal choroidal thickness as a prognostic factor in exudative age-related macular degeneration.
[The purpose of this study was to investigate the relationship between subfoveal choroidal thickness (SFCT), visual acuity (VA), optical coherence tomography (OCT) features and total anti-vascular endothelial growth factor (VEGF) treatments to determine whether SFCT serves as a prognostic factor in age-related macular degeneration (AMD).]

Available with an NHS OpenAthens password for eligible users

The environmental factors that influence technology adoption for older adults with age-related vision loss.
[With the increasing proportion of older adults aging with vision loss, low-vision assistive devices can help to support occupational engagement; however, such devices are grossly underused among this population. The overarching purpose of this project was to examine the environmental factors that influence technology adoption for older adults with age-related vision loss.]

Contact the library for a copy of this article

The lived experiences of adults with a visual impairment who experience fatigue when performing daily activities.
[This study explored the lived experiences of adults with a visual impairment who experience fatigue when performing daily activities. The aim was to enhance occupational therapists’ knowledge and understanding of the phenomenon and to suggest future interventions for clients who have a visual impairment and fatigue.]

**Ultra-wide-field angiography findings in acute Vogt-Koyanagi-Harada disease**
[The purpose of this retrospective, observational study was to investigate the prevalence of abnormal central and peripheral ultra-wide-field (UWF) angiography findings, and their association with clinical features in acute Vogt-Koyanagi-Harada (VKH) disease. The article concludes that abnormal UWF angiography findings were frequently detected in the CFA and PFA. Such findings may be useful in evaluation and monitoring of VKH disease.]

*Available with an NHS OpenAthens password for eligible users*

**‘Van Herick Plus’: a modified grading scheme for the assessment of peripheral anterior chamber depth and angle.**
[The purpose of this cross-sectional study was to evaluate the accuracy of a new, modified grading scheme involving a short vertical slit beam, at the inferior angle for peripheral anterior chamber depth (PAC) and angle estimation and its correlation with anterior segment optical coherence tomography (ASOCT).]

*Available with an NHS OpenAthens password for eligible users*

**Guidelines**

*The following new guidance has recently been published:*

**Fluocinolone acetonide intravitreal implant for treating recurrent non-infectious uveitis.**
National Institute for Health and Care Excellence (NICE);2019.
[1 Recommendations. 1.1 Fluocinolone acetonide intravitreal implant is recommended, within its marketing authorisation, as an option for preventing relapse in recurrent non-infectious uveitis affecting the posterior segment of the eye. It is recommended only if the company provides it according to the commercial arrangement.]

*Freely available online*
This Bulletin was created by Liz Wright of NHS East Dorset Knowledge and Library Service

Need further help? The NHS Library & Knowledge Team is here to support the information needs of all NHS staff across Dorset. We’re happy to help you with literature searches, search skills training and advice, keeping you up to date, and general references enquiries.

Contact us:
Telephone: 01202 442101/01202 704270
library@poole.nhs.uk library@rbch.nhs.uk
https://dorsetnhs.libguides.com
Register for OpenAthens to access e-resources: https://openathens.nice.org.uk/

To subscribe/unsubscribe from this bulletin please reply to the email.

By signing up to receive this bulletin, you agree that the information provided (your email address and name) will be held on NHS East Dorset Library and Knowledge Service files or databases. You will only be contacted by us in reference to this bulletin. By submitting this information you agree that your details may be used for this purpose. Your details will not be passed on to any third parties.