Articles

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**A phase 3, randomized, double-masked study of OTX-101 ophthalmic solution 0.09% in the treatment of dry eye disease.**
Goldberg DF. *Ophthalmology* 2019;126(9):1230-1237.
[The purpose of this study was to evaluate the safety and efficacy of OTX-101, a novel aqueous nanomicellar formulation of cyclosporine (0.09%), in the treatment of patients with dry eye disease (DED).]
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**Comparison of clinical features and visual outcome between sympathetic ophthalmia and Vogt–Koyanagi–Harada disease in Chinese patients.**
Yang P. *Ophthalmology* 2019;126(9):1297-1305.
[To characterize the clinical features of sympathetic ophthalmia (SO) and compare SO and Vogt–Koyanagi–Harada (VKH) disease in Chinese patients.]
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**Efficacy, Safety, and Durability of Voretigene Neparvovec-rzyl in RPE65 mutation–associated inherited retinal dystrophy: results of phase 1 and 3 trials.**
Maguire AM. *Ophthalmology* 2019;126(9):1273-1285.
[The aim of this report was to report the durability of voretigene neparvovec-rzyl (VN) adeno-associated viral vector–based gene therapy for RPE65 mutation–associated inherited retinal dystrophy (IRD), including results of a phase 1 follow-on study at year 4 and phase 3 study at year 2.]
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**Google searches and detection of conjunctivitis epidemics worldwide.**
Deiner MS. *Ophthalmology* 2019;126(9):1219-1229.
[Epidemic and seasonal infectious conjunctivitis outbreaks can impact education, workforce, and economy adversely. Yet conjunctivitis typically is not a reportable disease, potentially delaying mitigating intervention. The study objective was to determine if conjunctivitis epidemics could be identified using Google Trends search data.]
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**Natural history of autosomal recessive stargardt disease in untreated eyes: a systematic review and meta-analysis of study- and individual-level data.**
Shen LL. *Ophthalmology* 2019;126(9):1288-1296.
[Controversy exists regarding the progression pattern of atrophic lesions secondary to STGD1, and the reported growth rates vary widely among studies. This is a systematic review and meta-analysis
of the natural history of autosomal recessive Stargardt disease (STGD1).

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**Primary selective laser trabeculoplasty for open-angle glaucoma and ocular hypertension: clinical outcomes, predictors of success, and safety from the laser in glaucoma and ocular hypertension trial.**

Garg J. *Ophthalmology* 2019;126(9):1238-1248.

[The aim of this study was to report clinical efficacy, predictors of success, and safety of primary selective laser trabeculoplasty (SLT) used in treatment-naïve patients with open-angle glaucoma (OAG) or ocular hypertension (OHT).]

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**Swept-source OCT for evaluating the lamina cribrosa: a report by the American Academy of Ophthalmology.**

Takusagawa HL. *Ophthalmology* 2019;126(9):1315-1323.

[The purpose of this review was to review the published literature on the use of swept-source (SS) OCT for evaluating the lamina cribrosa in glaucoma.]

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**The integration of genomics into clinical ophthalmic services in the UK.**


[Genomic testing in ophthalmology is due to change significantly with the introduction of a national directory of approved genetic tests, three appointed laboratory providers of specialised ophthalmic genomic testing and importantly, centralised funding for most rare disease testing.]

Freely available online

**Three-year observation of children 3 to 10 years of age with untreated intermittent exotropia.**

Mohney BG. *Ophthalmology* 2019;126(9):1249-1260.

[The aim of this study was to describe the course of intermittent exotropia (IXT) in children followed up without treatment for 3 years.]

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**Events**

*You may be interested in this (these) forthcoming event(s):*

**Webinar - How to recognise diabetic retinopathy and manage your patients.**

[This webinar aims to build your confidence in recognising the features of retinopathy and managing your patients accordingly, including how to look out for and deal with an individual having a hypoglycaemic event. You will also find out about the role of the UK Diabetic Eye Screening Programmes and how your role complements that service. You must be a member of the College of Optometrists to attend.]

Online

Webinar - Orthoptics for the busy optometrist.

This webinar will help you diagnose binocular vision anomalies. You will learn how to identify and investigate those conditions that can be treated by the optometrist, those that require referral, and those that do not require treatment. Conditions summarised will include heterophoria, strabismus, amblyopia, and incomitant deviations. You must be a member of the College of Optometrists to attend.

Online
From: 22nd January, 2020 7:30pm  https://www.college-optometrists.org/event/webinar-orthoptics-for-the-busy-optometrist.html

Guidelines

The following new guidance has recently been published:

Fluocinolone acetonide intravitreal implant for treating chronic diabetic macular oedema in phakic eyes after an inadequate response to previous therapy.
National Institute for Health and Care Excellence (NICE); 2019. https://www.nice.org.uk/guidance/ta613
[1 Recommendations. 1.1 Fluocinolone acetonide intravitreal implant is not recommended as an option for treating chronic diabetic macular oedema that is insufficiently responsive to available therapies in an eye with a natural lens (phakic eye). 1.2 This recommendation is not intended to affect treatment with fluocinolone acetonide intravitreal implant that was started in the NHS before this guidance was published...]
Freely available online

Reports

The following report(s) may be of interest:

Emotional support for sight loss.
[This research carried out by MHF Scotland, Royal Blind and Scottish War Blinded explores the mental health impacts of visual impairment. The findings highlight that sight loss can have a significant emotional and psychological impact on people’s lives, with fear, isolation, loss of self-esteem and depression having an impact. The findings also reveal emotional support is rarely offered by statutory health services, leaving many people with sight loss to cope on their own.]

Ophthalmology: GIRFT Programme National Specialty.
Getting It Right First Time (GIRFT); 2019. https://gettingitrighthostfirsttime.co.uk/ophthalmology-national-report/
[The latest national report from the Getting It Right First Time (GIRFT) programme seeks to address the widely-acknowledged challenge of rising demand for ophthalmology services due to an ageing
population. Ophthalmology is already one of the busiest specialties in the NHS, carrying out 6% of all operations and booking more than 7.5m outpatient appointments across 120 trusts. Demand is predicted to increase by more than 50% over the next 20 years.

This Bulletin was created by Liz Wright of NHS East Dorset Knowledge and Library Service

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