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NICE Guidance

1) Aflibercept for treating diabetic macular oedema

New and Updated Cochrane Systematic Reviews

2) Combined surgery versus cataract surgery alone for eyes with cataract and glaucoma

Authors’ conclusions: There is low quality evidence that combined cataract and glaucoma surgery may result in better IOP control at one year compared with cataract surgery alone. The evidence was uncertain in terms of complications from the surgeries. Furthermore, this Cochrane review has highlighted the lack of data regarding important measures of the patient experience, such as visual field tests, quality of life measurements, and economic outcomes after surgery, and long-term outcomes (five years or more). Additional high-quality RCTs measuring clinically meaningful and patient-important outcomes are required to provide evidence to support treatment recommendations.
3) **Topical antihistamines and mast cell stabilisers for treating seasonal and perennial allergic conjunctivitis**

**Authors’ conclusions:** It seems that all reported topical antihistamines and mast cell stabilisers reduce symptoms and signs of seasonal allergic conjunctivitis when compared with placebo in the short term. However, there is no long-term data on their efficacy. Direct comparisons of different antihistamines and mast cell stabilisers need to be interpreted with caution. Overall, topical antihistamines and mast cell stabilisers appear to be safe and well tolerated. We observed a large variability in outcomes reported. Poor quality of reporting challenged the synthesis of evidence.

**Practice changing research, sourced from Dynamed**

There is no new practice changing research this issue.

**Good Quality Systematic Reviews**

4)  **Age-related macular degeneration and the role of the complement system**
5)  **The real reason for having a meibomian lipid layer covering the outer surface of the tear film - A review**
6)  **The role of oxidative stress in corneal diseases and injuries**
7)  **Diagnostic Ophthalmic Ultrasound for Radiologists**
8)  **Advanced MR Imaging of the Visual Pathway**
9)  **Imaging of Optic Neuropathy and Chiasmal Syndromes**
10) **Imaging of Retrochiasmal and Higher Cortical Visual Disorders**
11) **Imaging of Ocular Motor Pathway**
12) **Imaging of the Postoperative Orbit**
13) **Acute optic neuritis: Unmet clinical needs and model for new therapies**
14) **Towards axonal regeneration and neuroprotection in glaucoma: Rho kinase inhibitors as promising therapeutics**
15) **Ophthalmic patients on antithrombotic drugs: a review and guide to perioperative management**
16) **Punctal plug: a medical device to treat dry eye syndrome and for sustained drug delivery to the eye**
17) **Diabetic Macular Edema: Pathophysiology and Novel Therapeutic Targets**
18) **Glaucoma after open globe injury**
19) **A brief review of Boston type-1 and osteo-odonto keratoprostheses**
20) **Cost-utility analysis of screening for diabetic retinopathy in Japan: a probabilistic Markov modeling study**

**Economic Evaluations**
21) Uptake, Barriers and Outcomes in the Follow-up of Patients Referred for Free-of-Cost Cataract Surgery in the Sao Paulo Eye Study
22) Cost-effectiveness of ranibizumab versus aflibercept in the treatment of visual impairment due to diabetic macular edema: a UK healthcare perspective
23) The Cost-Effectiveness of Ranibizumab for the Treatment of Diabetic Macular Edema
24) Simulation contact lenses for AMD health state utility values in NICE appraisals: a different reality
25) Efficient referral thresholds in autorefraction-based preschool screening
26) Comparative cost-effectiveness of the Baerveldt implant, Trabeculectomy with mitomycin, and medical treatment
27) Cost analysis of commonly used combination of drugs in primary open angle Glaucoma

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28) American Journal of Ophthalmology
29) British Journal of Ophthalmology
30) Current Opinion in Ophthalmology
31) Eye
32) Ophthalmology
33) Survey of Ophthalmology

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