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Paediatrics
Management of Neonatal Proptosis: A Systematic Review (link to abstract only)
Survey of Ophthalmology:
Published on-line Dec 03.2013
Benjamin P. Erickson, MD¹, David T. Tse, MD¹
Retinal Nerve Fiber Layer Thickness in Normal Chinese Students Aged 6 to 17 Years (link to abstract only)
IOVS 2013;54 7990-7997
Li Chen, Jiannan Huang, Haidong Zou, Wenwen Xue, Yingyan Ma, Xiangui He, Lina Lu, and Jianfeng Zhu
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Moisseiev E.a, c, Cohen S.b, c, Dotan G.a, c
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Jagat Ram, Aniruddha Agarwal, Jaidrath Kumar, Adit Gupta
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The influence of fish-oil lipid emulsions on retinopathy of prematurity in very low birth weight infants: A randomized controlled trial (link to article outline and full text) Early Human Development Volume 90, Issue 1, Pages 27-31, January 2014
Serdar Beken, Dilek Dilli, Nur dan Dinlen Fettah, Emrah Utku Kaba ta ş, Aysegul Zenciroğlu, Nurullah Okumuş
Avery RA¹, Hwang El², Ishikawa H³, Acosta MT³, Hutcherson KA⁵, Santos D⁴, Zand DJ⁴, Kilburn LB², Rosenbaum KN¹, Rood BR², Schuman JS², Packer RJ⁶
Avery RA¹, Hwang E³, Jakacki R³, Packer R³.
Cheng D¹, Woo GC², Drobe B³, Schmid KL⁴.
Anesthesia considerations in pediatric glaucoma management
CurrOpinOphthalmal.2014 Jan 8. [Epub ahead of print]
Glaucoma


**Cataract**


Modi, S. S., et al. (2014). "Once-daily nepafenac ophthalmic suspension 0.3% to prevent and treat ocular inflammation and pain after cataract surgery: Phase 3 study." J Cataract Refract Surg40(2): 203-211. (link to abstract) (full text link)


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Retina


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MatusRehak, Eric Tilgner, AnnegretFranke, Franziska G. Rauscher, OanaBrosteanu, Peter Wiedemann (2013) “Early peripheral laser photocooagulation of nonperfused retina improves vision in patients with centralretinal vein occlusion (Results of a proof of concept study)” Graefes Archive for Clinical and Experimental Ophthalmology December 2013 (link to abstract only)

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“Comparison between femtosecond laser mushroom configuration and manual trephine straight-edge configuration deep anterior lamellar keratoplasty.”

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Uveitis

BABU, K.; BHAT, S. S.

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Degree, duration, and causes of visual impairment in eyes affected with ocular tuberculosis”.

CARABALLO, J. N. et al.
“Vitreoretinal Lymphoma versus Uveitis: Cytokine Profile and Correlations”.

DOYCHEVA, D. et al.
Immuno modulatory therapy with tumour necrosis factor α inhibitors in children with
antinuclear antibody-associated chronic anterior uveitis: long-term results”.
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Hong BK¹, Khanamiri HN, Bababeygy SR, Rao NA. “The Utility of routine tuberculosis screening in county hospital patients with uveitis”.
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NALCACIOGLU-YÜKSEKKAYA, P. et al. “Presumed herpetic anterior uveitis: a study with retrospective analysis of 79 cases”.
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OAHALOU, A. et al." Diagnostic pars planavitrectomy and aqueous analyses in patients with uveitis of unknown cause”.
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TAKAYAMA, K. et al.

VOYKOV, B. et al.

YANG, M. M. et al.

YUKSEL, E. et al.

ZHU, L. et al.

ZOU, W. et al.

New & Updated Cochrane Reviews

(Select title to access abstract & full text)

Complement inhibitors for age-related macular degeneration

Authors conclusions...There is insufficient information at present to generate evidence-based recommendations on the potential safety and efficacy of complement inhibitors for prevention or treatment of AMD. However we anticipate the results of ongoing trials

(new...published on-line 15.01.2014)

Non penetrating filtration surgery versus trabeculectomy for open angle glaucoma

Authors conclusions....This review provides some limited evidence that control of IOP is better with trabeculectomy than viscoocanalostomy. For deep sclerectomy, we cannot draw any useful conclusions. This may reflect surgical difficulties in performing non-penetrating procedures and the need for surgical experience. This review has highlighted the lack of use of quality of life outcomes and the need for higher methodological quality RCTs to address these issues. Since it is unlikely that better IOP control will be offered by NPFS, but that these techniques offer potential...
gains for patients in terms of quality of life, we feel that such a trial is likely to be of a non-inferiority design with quality of life measures.

(new...published on-line 15.02.2014)

Tamponade in surgery for retinal detachment associated with proliferated vitreoretinopathy

Authors conclusions... The use of either perfluoropropane or standard silicone oil appears reasonable for most patients with RD associated with PVR. Because there do not appear to be any major differences in outcomes between the two agents, the choice of a tamponade agent should be individualized for each patient. Heavy silicone oil, which is not available for routine clinical use in the USA, has not demonstrated evidence of superiority over standard silicone oil.

(updated...published on-line 14/02/2014)

Miscellaneous


Sophie J. Bakri, MD¹, Darius M. Moshefghi, MD², Steve Francom, PhD³, Amy Chen Rundle, MS³, Daniel S. Reshef, MD, PhD¹, Paul P. Lee, MD⁴, Carol Schaefter, MS⁵, Roman G. Rubio, MD⁵, Phillip Lai, MD² (2014) “Intraocular Pressure in Eyes Receiving Monthly Ranibizumab in 2 Pivotal Age-Related Macular Degeneration Clinical Trials “ (link to abstract and full text)

Ophthalmology Available online 6 January 2014

Plea for better eye care services A new report for commissioners and providers warns of a “tsunami” in demand for eye care services. The report includes case examples from a series of four workshops held across England to develop an action plan for eye care. Link to report

NICE Guidance TA305 Macular oedema (central retinal vein occlusion) – aflibercept solution for injection: guidance

NICE recommends aflibercept solution for injection as an option for treating visual impairment caused by macular oedema secondary to central retinal vein occlusion only if the manufacturer provides aflibercept solution for injection with the discount agreed in the PAS. Link to Guidance

Three-Year Outcomes of Individualized Ranibizumab Treatment in Patients with Diabetic Retinopathy

Macular Edema: The RESTORE Extension Study

This 24-month extension study (n=240) reported that ranibizumab was effective in improving and maintaining BCVA and central retinal subfield thickness outcomes with a progressively declining number of injections over 3 years of individualized dosing.

Ursula Schmidt-Erfurth Ophthalmology on-line 01/02/2014 (link to abstract & full text)

Diabetic Retinopathy


MENG, N. et al." Association of Tumor Necrosis Factor Alpha Promoter Polymorphism (TNF-α 238 G/A and TNF-α 308 G/A) with Diabetic Mellitus, Diabetic Retinopathy and Diabetic Nephropathy: A Meta-analysis.”


SUZUKI, Y. et al." Effects of intravitreal injection of bevacizumab on inflammatory cytokines in the vitreous with proliferative diabetic
“Retinopathy”.

VANITA, V.
“Association of RAGE (p.Gly82Ser) and MnSOD (p.Val16Ala) polymorphisms with diabetic retinopathy in T2DM patients from north India”.

VARADHAN, L. et al.
“The impact of improved glycaemic control with GLP-1 receptor agonist therapy on diabetic retinopathy”.

WYKOFF, C. C. et al.
“Afibercept treatment for patients with exudative age-related macular degeneration who were incomplete responders to multiple ranibizumab injections (TURF trial)”.

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“Altered Retinal MicroRNA Expression Profiles in Early Diabetic Retinopathy: An In Silico Analysis”.

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