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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, HaidongZou, WenwenXue, Yingyan Ma, Xiangui He, Lina Lu, and Jianfeng Zhu

Long-Term Changes in Refractive Error in Children With Myopic Tilted Optic Disc Compared to Children Without Tilted Optic Disc (link to abstract only)

IOVS 2013;54 7865-7870

Kyung-Ah Park, Sung-Eun Park, and SeiYeul Oh

Stress and Visual Function in Infantile Nystagmus Syndrome

IOVS. 2013;54 7943-7951

Philip H. Jones, Christopher M. Harris, J. Margaret Woodhouse, Tom H. Margrain, Fergal A. Ennis, and Jonathan T. Erichsen

Orbital Cellulitis Presenting as a First Sign of Incomplete Kawasaki Disease (link to abstract & full text) Case Rep Ophthalmal 2013;4:294-298

(DOI:10.1159/000357258)

Çerman E.a·Eraslan M.a·Turhan S.A.a·Usta S.A.b·Akala n F.b

Guidelines on Eyecare for the Young

JSNA guidance updated to include children’s eye health

New guidance addresses the inclusion of children’s eye health in joint strategic needs assessments

Alagille Syndrome Associated with Xerophthalmia

(abstratc and full text)

Case Rep Ophthalmal 2013;4:311-315

(DOI:10.1159/000357642)

Moisseiev E.a·c·Cohen S.b·c·Dotan G.a·c

Bilateral implantation of multifocal versus monofocal intraocular lens in children above 5 years of age (link to abstract only)

Graefe's Archive for Clinical and Experimental Ophthalmology January 2014

Jagat Ram, AniruddhaAgarwal, Jaidrath Kumar,

Adit Gupta


Portaliou DM, Kymionis GD, Pallikaris IG.

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,NurdanDinlen Fettah, EmrahUtku Kabatas,Aşşegül Zenciroğlu, Nurullah Okumuş


Avery RA¹, Hwang E², Ishikawa H³, Acosta MT¹, Hutcheson KA⁵, Santos D⁵, Zand DJ¹, Kilburn LB², Rosenbaum KN¹, Rood BR², Schuman JS³, Packer RJ⁸


Avery RA¹, Hwang E², Jakacki RI³, Packer RJ¹.


Cheng D¹, Woo GC², Drobe B³, Schmid KL⁴.

Anesthesia considerations in pediatric glaucoma management

CurrOpinOphthalmal.2014 Jan 8. [Epub ahead of print]

Chang TC, Cauvuto KM.Mandal, A. K. and V. K. Gothwal (2014)."Obstetric forces injury mimicking unilateral congenital glaucoma." Arch Dis Child Fetal Neonatal Ed. (link to full text)
Glaucoma


With High Myopia.”
J Glaucoma23(1): 19-22. (link to abstract)


Henry D. Jampel, MD1; Brian H. Chon, BSE2; Robert Stamper, MD3; Mark Packer, MD4; Ying Han, MD, PhD5; Quang H. Nguyen, MD5; Tsontcho Ianchulev, MD3,6 (2014) “Effectiveness of Intraocular Pressure-Lowering Medication Determined by Washout” JAMA Ophthalmology January 30, 2014 (link to abstract)

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 full text link)


Huang, P., et al. (2014). "Comparison of postoperative redness of eyes after sub-Tenon’s block and topical anaesthesia following phacoemulsification cataract surgery." Br J Anaesth112(2): 381-382. (link to abstract only)


MAO, Y. et al. “Tuberculous uveitis in China”


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 viscocanalostomy. 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. Moshfeghi, MD2; Steve Francom, PhD2; Amy Chen Rundle, MS3; Daniel S. Reshef, MD, PhD1; Paul P. Lee, MD4; Carol Schaeffer, MS3; Roman G. Rubio, MD5; Phillip Lai, MD5 (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

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) with TNF-α 238 G/A and TNF-α 238 G/A with Diabetes Mellitus, Diabetic Retinopathy and Diabetic Nephropathy: A Meta-analysis."

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