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Research

ORIGINAL INVESTIGATION

117 Immunogenicity With Ranibizumab Biosimilar SB11 (Byooviz) and Reference Product Lucentis and Association With Efficacy, Safety, and Pharmacokinetics: A Post Hoc Analysis of a Phase 3 Randomized Clinical Trial

NM Bressler and Coauthors

This post hoc analysis of an equivalence trial investigates the association of immunogenicity to ranibizumab products with efficacy, safety, and pharmacokinetics in patients with neovascular age-related macular degeneration.

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130 Association of Dietary Nitrate and a Mediterranean Diet With Age-Related Macular Degeneration Among US Adults: The Age-Related Eye Disease Study (AREDS) and AREDS2

GK Broadhead and Coauthors
for the AREDS/AREDS2 Investigators

This cohort study examines the association between dietary nitrate intake and progression to age-related macular degeneration and assesses the correlation between nitrate intake and Mediterranean dietary patterns.

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140 Association of Metformin With the Development of Age-Related Macular Degeneration

A Domalpally and Coauthors
for the Diabetes Prevention Program Research (DPPOS) Group

This cross-sectional study investigates the association between metformin use and age-related macular degeneration.

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150 Antidrug Antibodies to Tumor Necrosis Factor α Inhibitors in Patients With Noninfectious Uveitis

S Bellur and Coauthors

This cohort study assesses the frequency of antidrug antibodies (ADAs) in patients with noninfectious uveitis receiving tumor necrosis factor α inhibitors and the association of ADAs with drug levels and clinical response in these patients.

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159 Utility Assessment of Moderate to Severe Thyroid Eye Disease Health States

TJ Smith and Coauthors

This qualitative study assesses the utility values, or quality of life burden measures, for the various thyroid eye disease health states.

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168 Incidence and Progression of Chorioretinal Folds During Long-Duration Spaceflight

CR Ferguson and Coauthors

This cohort study assesses the incidence and presentation of chorioretinal folds in long-duration International Space Station crew members and objectively quantifies the progression of choroidal folds during spaceflight.

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178 Association Between Preresidency Peer-reviewed Publications and Future Academic Productivity or Career Choice Among Ophthalmology Residency Applicants

J Reyes and Coauthors

This study evaluates the correlation between the number of preresidency peer-reviewed publications and subsequent peer-reviewed publications or career choices of ophthalmology residency graduates.

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186 Outcomes and Complications of Pars Plana Vitrectomy for Tractional Retinal Detachment in People With Diabetes: A Systematic Review and Meta-analysis

P McCullough and Coauthors

This systematic review and meta-analysis investigates the outcomes of pars plana vitrectomy for the treatment of diabetic tractional retinal detachment.

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197 Population Prevalence of Vision Impairment in US Adults 71 Years and Older: The National Health and Aging Trends Study

OJ Killeen and Coauthors

This survey study analyzes data from objective assessments of visual function for older US adults to determine the current prevalence of impairment in distance and near visual acuity and contrast sensitivity.

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JAMA OPHTHALMOLOGY
CLINICAL CHALLENGE

206 An Amelanotic Choroidal Lesion in a 68-Year-Old Man
TM Kaplan, DR Salomao, and LA Dalvin
A 68-year-old man with a history of keratoconus was referred for evaluation of a choroidal lesion in his left eye. Fundus autofluorescence demonstrated hyperautofluorescence in a leopard-spotting pattern. What would you do next?

208 Ocular Tumor in a Woman With Breast and Kidney Carcinomas
AR Zaloga, KR Card, and CL Shields
A 54-year-old woman with a history of lobular breast carcinoma in situ as well as chromophobe kidney cell carcinoma was referred for evaluation of an asymptomatic, amelanotic choroidal mass in her left eye. Examination revealed a hyperautofluorescent amelanotic lesion primarily in the sclera that pushed and thinned the overlying choroid. What would you do next?

OPHTHALMIC IMAGES

Noninvasive Blue-Light Channel Imaging of Retinal Nonperfusion in Vein Occlusion
GCS Barbosa, EA Novais, and RLL Guerra
This case report discusses the use of blue-light channel imaging as an alternative to fluorescein angiography to evaluate the extent of retinal nonperfusion due to vein occlusion.

Silicone Oil Droplet Over the Optic Nerve Head After Intravitreal Injections
T Weatherby and L Makris

This case report discusses the finding of a silicone oil droplet over the optic nerve head of a patient with a history of multiple intravitreal injections.

Morning Glory Syndrome With Bergmeister Papilla and Retinal Detachment
G Yu, Z Zhai, and J Ge

This case report discusses a diagnosis of morning glory syndrome and concurrent Bergmeister papilla and retinal detachment in a child aged 3 years.

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OBSERVATION

210 Tecovirimat Treatment for Monkeypox Virus Keratouveitis
LPS Finamor and Coauthors
This case report describes tecovirimat treatment for a patient with monkeypox virus-related keratouveitis.

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