

In This Issue: May 2024

Research

ORIGINAL INVESTIGATION

407 Clinical Features and Treatment Outcomes of Carbapenem-Resistant *Pseudomonas aeruginosa* Keratitis

FE Tribin and Coauthors

This case series describes the clinical course, outcomes, and microbiological diagnostic profiles of multidrug-resistant *Pseudomonas aeruginosa* keratitis and the use of rose bengal-photodynamic antimicrobial therapy as an alternative or adjunctive therapy to treat isolates.

Invited Commentary 415

417 Refractive Error Change and Overminus Lens Therapy for Childhood Intermittent Exotropia

Writing Committee for the Pediatric Eye Disease Investigator Group; for the Pediatric Eye Disease Investigator Group

This extension of the Trial of Overminus Spectacle Therapy for Intermittent Exotropia compares refractive error change over 3 years in children with intermittent exotropia originally treated with overminus vs nonoverminus spectacles.

Visual Abstract

429 Bias Reduction Practices in Underrepresented Groups in Ophthalmology Resident Recruitment

OE Uner and Coauthors

This study describes the adoption of bias reduction practices in underrepresented groups in ophthalmology residency recruitment and attempts to determine which practices are effective for increasing these residents.

Invited Commentary 435

437 Genetic Associations of Primary Angle-Closure Disease: A Systematic Review and Meta-Analysis

YJ Liang and Coauthors

This systematic review and meta-analysis evaluates associations of common single-nucleotide variants and rare coding variants with primary angle-closure disease.

445 Digital Technology Use Among Older Adults With Vision Impairment

J Thomas and Coauthors

This cross-sectional study investigates the association between visual impairment and digital technology access measures in older adults.

Invited Commentary 452

Available online

jamaophthalmology.com

454 Access to Pediatric Eye Care by Practitioner Type, Geographic Distribution, and US Population Demographics

NE Siegler, HL Walsh, and KM Cavuoto

This cross-sectional study investigates the association between geographic distribution of pediatric eye care practitioners and US population demographics in 2023.

Invited Commentary 461

463 Representation of Women Among Individuals With Mild Variants in ABCA4-Associated Retinopathy: A Meta-Analysis

SS Cornelis and Coauthors
for the ABCA4 Study Group

This meta-analysis examines data for patients with Stargardt disease, an ABCA4-associated retinopathy, to investigate whether women are overrepresented in different groups of this patient population.

BRIEF REPORT

472 Mental Health Conditions Associated With Strabismus in a Diverse Cohort of US Adults

K Jin and Coauthors

This cross-sectional study uses data from the National Institutes of Health's All of Us Research Program to evaluate the association of strabismus with mental health conditions in a diverse cohort of adults.

Opinion

VIEWPOINT

403 Myths in Myopia Epidemiology and Treatment

C Lanca, MX Repka, and A Grzybowski

EDITORIAL

405 JAMA Ophthalmology—The Year in Review, 2023

NM Bressler

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Neil M. Bressler, MD



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INVITED COMMENTARY

415 Extensively Drug-Resistant *Pseudomonas* and Eye Drops—Stay Vigilant

LJ Jeang and SS Tuli

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435 The Challenge in Building Diverse Ophthalmology Residency Programs

JT Oatts, N Parikh, and S Ramanathan

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452 The Digital Divide in Eye Health Care Delivery

BC Stagg, CR Schlechter, and G Del Fiol

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461 Mapping the Pediatric Eye Care Deserts in the US—A Call for Action

O Bass and AG de Alba Campomanes

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Clinical Review & Education

SPECIAL COMMUNICATION

476 Human Whole-Eye Donation for Research—Optimizing Clinical Trial Informed Consent

KA Bramstedt

This Special Communication discusses a research-informed consent framework for posthumous whole-eye donation.

CME

JAMA NETWORK INSIGHTS

480 Treatment of Primary Angle-Closure Suspect

VP Costa and S Asrani

This article discusses treatment options for suspects of primary angle-closure disease.

JAMA OPHTHALMOLOGY
CLINICAL CHALLENGE**482 Multifocal Unilateral****Orange Fundus Tumors in a Young Man**

B Poudel, VS Vempuluru, and CL Shields

A 38-year-old man had an asymptomatic, orange, macular choroidal mass with macular choroidal folds and a retinal pigment epithelial detachment in the right eye and a second orange mass nasal to the optic disc also in the right eye. What would you do next?

CME

484 Sudden Vision Loss

AA Nair, ME Pugh, and EF Cherney

A 37-year-old woman was referred for evaluation of a retinal detachment in her left eye. Posterior examination results demonstrated a retinal detachment in the posterior pole with shifting fluid and no identifiable retinal break, and there was a thickened choroid with a hyporeflective band on ultrasound biomicroscopy. What would you do next?

CME

486 Postoperative Inflammation After Anterior Segment Surgery

M Schulgit, DA Mammo, and SK Srivastava

A 71-year-old woman had 2 months of worsening vision and pain in her right eye. Examination revealed retrocorneal plaque, peaking of the pupil, and temporal prominent scleral vessels with inferotemporal scleral thinning. What would you do next?

CME

OPHTHALMIC IMAGES

Filamentous RPE Hyperplasia in Combined Hamartoma of the Retina and RPE

J Fan, NF Santos da Cruz, and AM Berrocal

This case report describes a diagnosis of combined hamartoma of the retina and retinal pigment epithelium (RPE) with filamentous RPE hyperplasia in a female child with a history of amblyopia, myopia, and exotropia of the affected eye.

CME

Staircase Lamellar Macular Hole in a Male Patient Aged 54 Years

A Marchese, M Harrell Jr, and MK Gill

This case report discusses a diagnosis of X-linked Alport syndrome in a 54-year-old male patient who presented with a lamellar macular hole in his left eye.

CME

Fluorescein Angiography of Floating Retinal Veins

W Zhang, J Peng, and P Zhao

This case report describes a diagnosis of floating retinal veins in a patient aged 4 years with a history of stage 2 familial exudative vitreoretinopathy.

Video | CME

Vitreopapillary Traction in Stickler Type IV COL9A1

I Adhan, J-B Kim, and A Vuppala

This case report describes a woman aged 43 years with Stickler syndrome and bilateral vitreopapillary traction who presented with shadows and ghosting of vision in both eyes.

CME

Letters

OBSERVATION

488 Ocular Pentastomiasis in Human Hosts

G Van Acker and Coauthors

This case report describes the pathogenesis of ocular pentastomiasis in human hosts.

489 Association of Occlusive Retinal Vasculitis With Intravitreal Faricimab

Y Li, R Chong, and AT Fung

This case report describes a patient with attenuation of retinal arterioles and veins associated with 2 blot hemorrhages and pallor of the inferotemporal retina without emboli.

COMMENT & RESPONSE

Limitations of Assessing Barriers in Diabetic Retinopathy Screening

491 Y-M Yang, Y-M Lu, and C-H Hsu

In Reply

491 SY Wang, CA Ludwig, and R Ravindranath

Smartphone Exophthalmometry and Eyeball Protrusion Measurement

492 AJC Jessup, G Wilczek, and MT Coroneo

In Reply

493 T Popov, FC Fierz, and KP Weber

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