

In This Issue: June 2024

Research

ORIGINAL INVESTIGATION

503 Patching in Children With Unilateral Congenital Cataract and Child Functioning and Parenting Stress

C Drews-Botsch and Coauthors

This cohort study examines whether occlusion therapy in children treated for unilateral congenital cataract with poor visual outcomes is negatively associated with child functioning and/or parenting stress.

Invited Commentary 510

 Audio

512 Home-Monitoring Vision Tests to Detect Active Neovascular Age-Related Macular Degeneration

RE Hogg and Coauthors

This diagnostic test accuracy study investigates the ability of at-home vision-monitoring tests to detect reactivation of neovascular age-related macular degeneration.

Invited Commentary 520

522 COVID-19 Vaccine-Associated Uveitis in Patients With a History of Uveitis

J Kim, HY Kwon, and SJ Ahn

This cohort study investigates the risk of uveitis recurrence after COVID-19 vaccination in a cohort of individuals with a history of uveitis.

Invited Commentary 528

530 Rate of Initial Optic Nerve Head Capillary Density Loss and Risk of Visual Field Progression

N Tansuebchueasai and Coauthors

This cohort study evaluates the association between optic nerve head capillary density loss and visual field progression.

Invited Commentary 538

540 Place-Based Measures of Inequity and Vision Difficulty and Blindness

PM Hicks and Coauthors

This cross-sectional study uses US census tract-level data to assess the association of measures of inequity with vision difficulty and blindness.

Invited Commentary 546

548 Pegcetacoplan Treatment and Consensus Features of Geographic Atrophy Over 24 Months

DJ Fu and Coauthors

This secondary analysis of 2 randomized clinical trials evaluates the association between pegcetacoplan and geographic atrophy on spectral-domain optical coherence tomography.

Invited Commentary 558

560 Daily Low-Level Red Light for Spherical Equivalent Error and Axial Length in Children With Myopia: A Randomized Clinical Trial

K Cao and Coauthors

This randomized clinical trial evaluates the efficacy and safety of daily 650-nm low-level red light for myopia treatment among children aged 6 to 12 years in China.

 Visual Abstract

BRIEF REPORT

568 Photokeratitis in Outdoor Event Participants Exposed to UV Radiation Display

JYY Chan and Coauthors

This case series describes 8 patients with photokeratitis who were exposed to UV radiation through a display at an outdoor recreational event.

Invited Commentary 571

573 Vision-Language Models for Feature Detection of Macular Diseases on Optical Coherence Tomography

F Antaki, R Chopra, and PA Keane

This cross-sectional study evaluates the performance of a vision-language model in performing ophthalmologic tasks related to interpretation of optical coherence tomography scans.

 Online at
[JAMA Ophthalmology.com](https://www.jamaophthalmology.com)

 AUDIO
Patching in Children With Unilateral Congenital Cataract

 CME
CME online at
jamacmelookup.com

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RESEARCH LETTER

581 Place, Race, and Lapses in Diabetic Retinopathy Care

T Tang and Coauthors

This cohort study investigates the association of neighborhood-level social determinants of health with lapses in diabetic retinopathy care by race and ethnicity.

583 Diversity, Equity, and Inclusion Content on Ophthalmology Fellowship Webpages

F Bohler and Coauthors

This quality improvement study characterizes diversity, equity, and inclusion content on ophthalmology fellowship program websites.

Opinion

INVITED COMMENTARY

510 Psychosocial Impact of Patching in Unilateral Congenital Cataract

Y Liu and Z Liu

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520 More Homework for Patients With Macular Degeneration?

KJ Blinder

Related Article 512

528 Real-World Vaccine Research and Clinical Practice

A Kumar and NR Acharya

Related Article 522

538 Optical Coherence Tomography Angiography to Predict Visual Field Loss

JS Schuman, A Desai, and F Lavinsky

Related Article 530

546 Adopting More Precise Metrics to Move Everyone Closer to Eye Health

AG Ross and EJ Higginbotham

Related Article 540

558 Health Span vs Lifespan in Geographic Atrophy

RF Spaide and DG Vavvas

Related Article 548

571 UV Light Is Not a Toy—Recreational Use and Eye Harm

MA Woodward, JM Herzog, and A Verkade

Related article 568

Clinical Review & Education

JAMA OPHTHALMOLOGY

CLINICAL CHALLENGE

577 Facial Swelling After External Dacryocystorhinostomy

T Herod, R Darwich, and A Hussain

A 67-year-old woman underwent elective external dacryocystorhinostomy to treat symptomatic nasolacrimal duct obstruction and developed persistent cervicofacial swelling and ecchymoses of the eyelids and cheek. Head computed tomography revealed extensive emphysema throughout the soft tissues of the face and neck. What would you do next?

➤ CME

579 Acute Corneal Edema in a Middle-Aged Patient

JA Tran, AR Kaufman, and JB Ciolino

A middle-aged patient who had bilateral penetrating keratoplasty 20 years ago for keratoconus presented with pain and blurriness of the right eye for 2 days. Despite prompt corticosteroid therapy, they had no vision improvement and reported occasional pain. What would you do next?

➤ CME

OPHTHALMIC IMAGES

➤ Long-Term Stability of Benign Lobular Inner Nuclear Layer Proliferations

M Shah and P Charbel Issa

This case report describes an asymptomatic 55-year-old woman with unilateral benign lobular inner nuclear layer proliferations and hyperreflective lesions causing distortion of adjacent retinal layers.

➤ CME

➤ Epicapsular Stars in an Asymptomatic Patient

GCS Barbosa and BN Susanna

This case report discusses a diagnosis of epicapsular stars during a routine ophthalmologic examination in an asymptomatic female patient aged 14 years.

➤ CME

➤ Evanescent Snowflake Cataract After Pars Plana Vitrectomy

J Almeida, M Ramalho, and I Prieto

This case report discusses the finding of early cataract after pars plana vitrectomy in a patient with a history of rhegmatogenous retinal detachment.

➤ CME

➤ Acute Annular Outer Retinopathy in a Patient Aged 29 Years

HY Lim, UC Park, and K Bae

This case report discusses a diagnosis of acute annular outer retinopathy in a 29-year-old female patient who presented with recent onset of visual field defect and photopsia.

➤ CME

Letters

OBSERVATION

585 Oral Sirolimus for Diffuse Choroidal Hemangioma in Sturge-Weber Syndrome

A Kalantary and Coauthors

This case report describes an 8-year-old girl who received oral sirolimus as an adjuvant therapy for pulse dye laser of her port-wine stain and as an off-label treatment of exudative retinal detachment secondary to diffuse choroidal hemangioma.

COMMENT & RESPONSE

Methodological Concerns and Potential Confounding Factors

587 X Yang, X Xue, and Y Zhou

In Reply

587 JY Tsang, E Kontopantelis, and DM Ashcroft

➤ Available online

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