

## In This Issue: November 2024

### Research

#### ORIGINAL INVESTIGATION

##### 997 Incidence and Risk of Depressive Disorder in Patients With Retinitis Pigmentosa

HR Kim and Coauthors

This Korean population-based cohort study evaluated the incidence rates and risks of depressive disorder in patients with retinitis pigmentosa.

Invited Commentary 1004

##### 1006 A Competition for the Diagnosis of Myopic Maculopathy by Artificial Intelligence Algorithms

B Qian and Coauthors

This diagnostic study details the results of an international competition to develop automated deep learning and artificial intelligence algorithms for classification and segmentation of myopic maculopathy and compares the algorithms' performance with that of ophthalmologists.

Invited Commentary 1016

##### 1018 Potential Gaps in Eye Care Based on Evaluation of Federally Qualified Health Centers

N Yadlapalli and Coauthors

This cross-sectional study examines whether federally qualified health centers in Florida offer eye care services, where the services are available, what services are being offered, and who provides them.

Invited Commentary 1026

##### 1028 Sterile Intraocular Inflammation Associated With Faricimab

M Cozzi and Coauthors

This case series study evaluates the characteristics and outcomes of sterile intraocular inflammation after injection of faricimab to treat neovascular age-related macular degeneration or diabetic macular edema.

##### 1037 *METTL23* Variants and Patients With Normal-Tension Glaucoma

TE Scheetz and Coauthors

This case-control study evaluates the presence of *METTL23* variants in patients with autosomal dominant normal-tension glaucoma.

##### 1046 Prevalence of Glaucoma Among US Adults in 2022

JR Ehrlich and Coauthors

This meta-analysis aimed to develop new multisource composite estimates of the prevalence of glaucoma and vision-affecting glaucoma in the US.

Invited Commentary 1053

##### 1055 Trends in Retinopathy of Prematurity Among Preterm Infants in California, 2012 to 2021

MK Quinn and Coauthors

This cohort study examines changes in the incidence of and racial disparities in retinopathy of prematurity (ROP) among preterm infants in California from 2012 to 2021 in the context of rising rates of ROP among premature infants in the US.

##### 1062 Survival and Health Care Burden of Children With Retinoblastoma in Europe

G Virgili and Coauthors

for the EUROCARE-6 Working Group

This cohort study estimates incidence and survival among children with retinoblastoma in 31 European countries as well as the occurrence of second primary tumors.

Invited Commentary 1071

##### 1073 Deep Learning to Discriminate Arteritic From Nonarteritic Ischemic Optic Neuropathy on Color Images

A Gungor and Coauthors

for the BONSAI Group

This cohort study evaluates the use of a deep learning system to discriminate arteritic from nonarteritic anterior ischemic optic neuropathy on color fundus images.

Invited Commentary 1079

#### BRIEF REPORT

##### 1081 Biallelic Loss-of-Function Variants in *UBAP1L* and Nonsyndromic Retinal Dystrophies

E Ullah and Coauthors

This case series study investigates the genetic association between *UBAP1L* variants and retinal dystrophy in humans.

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AUDIO  
Detection and Referral of Depression in Patients With Visual Impairment

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### RESEARCH LETTER

#### 1091 Racial and Ethnic Disparities in Receipt of Retinal Imaging Among Patients With Diabetes

Y Schein and Coauthors

This cohort study examines racial and ethnic differences in varieties of advanced retinal imaging received among patients with diabetes at a single tertiary care institution.

### Opinion

#### VIEWPOINT

#### 993 Untreated Vision Loss as a Modifiable Dementia Risk Factor

JR Ehrlich

#### 995 Diabetic Retinopathy in Youths—A Potentially Unappreciated Public Health Catastrophe

JM Rosenthal, JK Sun, and RM Wolf

#### INVITED COMMENTARY

#### 1004 Detection and Referral of Depression in Patients With Visual Impairment: A Call for Practical Training and Methods

BL Lam

Related Article 997

🔊 Audio

#### 1016 Crowdsourcing for Artificial Intelligence Models in Ophthalmology

S Hallaj, N Radgoudarzi, and SL Baxter

Related Article 1006

#### 1026 Federally Qualified Health Centers to Reduce Disparities in Ophthalmology

R Channa and F Woreta

Related Article 1018

#### 1053 Glaucoma in the US—Gaps in Data on Racial and Ethnic Minority and Aging Populations

R Varma and X Jiang

Related Article 1046

#### 1071 Incidence and Survival Rates in European Children With Retinoblastoma

P Chévez-Barrios, GL Chantada, and MW Wilson

Related Article 1062

#### 1079 Deep Learning to Improve Diagnosis Must Also Not Do Harm

HE Moss

Related Article 1073

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### Clinical Review & Education

#### JAMA OPHTHALMOLOGY CLINICAL CHALLENGE

#### 1087 Periorbital Swelling, Fever, and Organomegaly in a 4-Year-Old Child

Y Scantling-Birch and M Kiernan

A child aged 4 years presented with a 3-day history of worsening redness, pain, and swelling over the left lower eyelid and nose. Visual acuity was normal, and systemic examination revealed cervical lymphadenopathy and hepatosplenomegaly. The patient showed no improvement after 3 days of intravenous ceftriaxone, and a computed tomography scan showed a collection in the lacrimal sac. What would you do next?

🔊 CME

#### 1089 Subconjunctival Mass 30 Years After Melanoma Resection

H Singh, DE Kurian, and CL Shields

A 70-year-old male is referred for evaluation of a conjunctival mass in the right eye, which has grown slowly over 27 years. Examination reveals a superonasal, multilobulated, pigmented lesion with episcleral feeder vessels and spontaneous vascular pulsations within the intraocular component. What would you do next?

🔊 Video | CME

#### OPHTHALMIC IMAGES

#### 🔊 Luxated Globe at Birth—A Vision-Threatening Emergency

A Ramos da Silva, MN Aidar, and AAV Cruz

This case report discusses a diagnosis of globe luxation at birth resulting from instrumental vaginal delivery.

🔊 CME

#### 🔊 Skin Discoloration After Iatrogenic Fluorescein Dosing Error

PD Moore and MM Burns

This case report describes a diagnosis of iatrogenic fluorescein dosing error in a girl aged 10 months who presented for routine fluorescein angiography examination in the setting of incontinentia pigmenti.

🔊 CME

#### 🔊 Retinopathy After Epiretinal Membrane Peeling

T Takahashi, K Kamoi, and K Ohno-Matsui

This case report describes a diagnosis of maculopathy associated with mechanical trauma from epiretinal membrane peeling in a man aged 84 years.

🔊 CME

### Letters

#### OBSERVATION

#### 1094 Retinopathy Associated With Hair Dye

N Chirpaz and Coauthors

This case report describes a woman who presented with bilateral blurry vision a few days after dyeing her hair with hair dye containing aromatic amines.

#### 1096 Bilateral Acute Retinal Necrosis After Oncolytic HSV-1 Treatment of Glioblastoma

JS Fuerst and Coauthors

This case report discusses a case of bilateral acute retinal necrosis after administration of a recombinant oncolytic herpes simplex virus type 1 (HSV-1) in a 55-year-old patient with a grade IV glioblastoma.