

In This Issue: December 2024

Research

ORIGINAL INVESTIGATION

1109 Cataracts Associated With Fibroblast Growth Factor Receptor Inhibitors for Cholangiocarcinoma

I Kassaye and Coauthors

This case study describes cases of cataract formation or progression in patients with intrahepatic cholangiocarcinoma treated with fibroblast growth factor receptor inhibitor (FGFRi) and characterizes the ophthalmologic features, risk factors, and outcomes for FGFRi-associated cataracts.

1114 Curcuma-Based Nutritional Supplements and Risk of Age-Related Macular Degeneration

AF Alsoudi and Coauthors

This cohort study investigates the outcomes of patients with and without age-related macular degeneration (AMD) who were taking curcuma-based nutritional supplements.

Invited Commentary 1121

Audio

1123 Economic Burden of Late-Stage Age-Related Macular Degeneration in Bulgaria, Germany, and the US

N Paudel and Coauthors

This economic evaluation study estimates the economic burden of late-stage age-related macular degeneration in 3 countries.

Invited Commentary 1130

1132 Primary Open-Angle Glaucoma Polygenic Risk Score and Risk of Disease Onset: A Post Hoc Analysis of a Randomized Clinical Trial

S Sekimitsu and Coauthors

This post hoc analysis of a randomized clinical trial evaluates the use of a primary open-angle glaucoma polygenic risk score in identifying individuals with ocular hypertensive at low risk of disease onset.

1140 Validation of the Online Collaborative Ocular Tuberculosis Study Calculator for Tubercular Uveitis

L Zhang and Coauthors

for the Collaborative Ocular Tuberculosis Study (COTS) Group

This diagnostic study investigates the predictive accuracy of the Collaborative Ocular Tuberculosis Study (COTS) calculator score 4 and 5 in guiding initiation of antitubercular therapy in patients with clinically suspicious tubercular uveitis.

Invited Commentary 1148

1150 Racial Disparities in Genetic Detection Rates for Inherited Retinal Diseases

RO Abuzaitoun and Coauthors

This study investigates the genetic detection rates of wide-panel testing in Black and non-Hispanic White patients with IRDs.

1157 Tissue Plasminogen Activator or Perfluoropropane for Submacular Hemorrhage in Age-Related Macular Degeneration: A Factorial Randomized Clinical Trial

GSP Murphy and Coauthors

This randomized clinical trial investigates if tissue plasminogen activator (TPA) or perfluoropropane improve visual acuity or resolution of submacular hemorrhage secondary to neovascular age-related macular degeneration (AMD) in eyes treated with ranibizumab.

Invited Commentary 1164

RESEARCH LETTER

1171 Use of Artificial Intelligence–Based Detection of Diabetic Retinopathy in the US

SA Shah and Coauthors

This cohort study examines patient data from January 2019 to December 2023 to evaluate national trends in the use of artificial intelligence–based screenings to detect diabetic retinopathy among patients with types 1 or 2 diabetes.

Online at
JMAOphthalmology.com

AUDIO
Curcumin-Based Nutritional Supplements and Risk of AMD

CME
CME online at
jamacmelookup.com

CME Disclosure Statement: Unless noted, all individuals in control of content reported no relevant financial relationships. If applicable, all relevant financial relationships have been mitigated.

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Opinion

INVITED COMMENTARY

1107 Three vs 6 Cycles of Adjuvant Chemotherapy for Retinoblastoma
AM Leahey, A Shah, and CL Shields

1121 Separating Supplement Effects From the Patients Who Use Them
BL VanderBeek

Related Article 1114

1130 Holistic Evaluation of the Burden of Eye Disease
DW Hutton and JD Stein

Related Article 1123

1148 Tuberculosis Uveitis—Consumed by Uncertainty
NAV Beare and G Davies

Related Article 1140

1164 Can We Do Better for Submacular Hemorrhage in Neovascular AMD?
CY Weng

Related Article 1157

Clinical Review & Education

JAMA OPHTHALMOLOGY CLINICAL CHALLENGE

1167 Branch Retinal Artery Occlusion in an Adolescent Male
DA Chen, JCW Hu, and KM McKay

A 17-year-old male with an unremarkable medical history presented with 2 days of painless blurred vision in the right eye. Three weeks prior, he was admitted with fever, myalgias, hepatosplenomegaly, lymphadenopathy, and truncal rash. What would you do next?

➤ CME

1169 Bilateral Perifoveal Atrophy in a 46-Year-Old Woman
R Bou Said and AJ Barkmeier

A 46-year-old woman is referred for a second opinion with recent onset of suspected seizures and imbalance. Fundus examination revealed bilateral discrete perifoveal circular areas of atrophy. What would you do next?

➤ CME

OPHTHALMIC IMAGES

➤ **Cotton Swab Couching of Dislocated Crystalline Lens in Marfan Syndrome**
SZ Gu, JK Oh, and JD Horowitz

This case report discusses use of bedside manual repositioning of an anteriorly dislocated crystalline lens in a patient with Marfan syndrome.

➤ CME

➤ **Retinal Annular Ring Lines of White Without Pressure**

M Zhang, M Du, and S Wang

This case report discusses a diagnosis of white without pressure in the peripheral retina of a patient with high myopia.

➤ CME

Letters

COMMENT & RESPONSE

Considerations Regarding Association of Semaglutide and Nonarteritic Anterior Ischemic Optic Neuropathy

1173 JB Lusk, B Mac Grory, and F Li

1174 JS Xie, J Trobe, and E Margolin

1174 S Feldman-Billard

1175 DW Kim and CM Apovian

1176 JC Maro, R Platt, and S Toh

1176 M Etmnan and MA Mansournia

1177 QN Cui

In Reply

1178 JF Rizzo III, JT Hathaway, and MP Shah

➤ Available online