

In This Issue: December 2025

Research

ORIGINAL INVESTIGATION

989 Effect of a Multifactorial Intervention on Retinopathy in People With Type 2 Diabetes: A Secondary Analysis of the J-DOIT3 Randomized Clinical Trial

T Sasako and Coauthors
for the J-DOIT3 Study Group

This secondary analysis of the J-DOIT3 randomized clinical trial examines the effects of an intensive multifactorial intervention and hypoglycemia on retinopathy in people with type 2 diabetes.

Invited Commentary 997

999 Glucagon-Like Peptide-1 Receptor Agonists and Age-Related Macular Degeneration

AS Ahuja, AA Paredes III, and BK Young

This cohort study assesses the association between glucagon-like peptide-1 receptor agonist use and the development or progression of age-related macular degeneration compared with other weight loss drugs for patients with overweight or obesity.

Invited Commentary 1004

1006 Visual Outcomes of Children With Primary Congenital Glaucoma Receiving Different Refractive Corrections: The CLEVR-PCG Randomized Clinical Trial

J Jiang and Coauthors

This randomized clinical trial study compares the use of rigid gas-permeable contact lenses vs continued spectacle wear for improving visual outcomes for children after primary congenital glaucoma surgery.

Visual Abstract

1014 Geographic Atrophy Multifocality in the Age-Related Eye Disease Study 2

L von der Emde and Coauthors
for the AREDS2 Research Group

This post hoc analysis of the Age-Related Eye Disease Study 2 (AREDS2) investigates the mean new geographic atrophy lesion incidence rate and what risk factors are associated with a faster rate.

Invited Commentary 1023

1025 High-Resolution Optical Coherence Tomography Correlates of Peau d'Orange in Pseudoxanthoma Elasticum

J Meinke and Coauthors

This study attempts to identify high-resolution optical coherence tomography correlates of peau d'orange and continuously calcified Bruch membrane in patients with pseudoxanthoma elasticum.

Invited Commentary 1033

1035 Visual Outcomes and Complications Over 5 Years Following Lensectomy for Childhood Traumatic Cataract

ED Stahl and Coauthors

for the Pediatric Eye Disease Investigator Group (PEDIG)

This cohort study reports visual acuity outcomes and cumulative incidence of ocular complications by 5 years following lensectomy for pediatric traumatic cataract.

1043 Donor Diabetes and 1-Year Descemet Membrane Endothelial Keratoplasty Success Rate: A Randomized Clinical Trial

FW Price Jr and Coauthors

for the Diabetes Endothelial Keratoplasty Study Group

This randomized clinical trial investigates if the presence of diabetes in a cornea donor affects the success of Descemet membrane endothelial keratoplasty (DMEK) at 1 year postoperatively.

Related Article 1053

Invited Commentary 1051

Visual Abstract | Audio

1053 Endothelial Cell Loss 1 Year After Successful DMEK in the Diabetes Endothelial Keratoplasty Study: A Randomized Clinical Trial

JH Lass and Coauthors

for the Diabetes Endothelial Keratoplasty Study Group

This randomized clinical trial investigates if endothelial cell loss and morphometric changes 1 year after successful Descemet membrane endothelial keratoplasty (DMEK) are associated with the presence of diabetes in a cornea donor.

Related Article 1043

Invited Commentary 1051

Audio

Online at
JMAOphthalmology.com

AUDIO

Diabetes in the Donor and Descemet Membrane Endothelial Keratoplasty Success at 1 Year

CME

CME online at
jamacmelookup.com

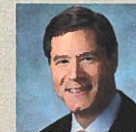
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BRIEF REPORT

1061 Systemic Toxicity With Use of Apraclonidine Ophthalmic Drops in Pediatric Patients

P Gish and Coauthors

This case series attempts to identify and characterize postmarketing case reports reported to the US Food and Drug Administration and reported in the medical literature of systemic toxicity in pediatric patients who were administered apraclonidine ophthalmic drops.

RESEARCH LETTER

1068 Geographic Distribution and Coverage of US Neuro-Ophthalmologists

JJ Franco and Coauthors

This cross-sectional study examines the distribution and coverage of neuro-ophthalmologists in the US using drive time-based service area analysis.

Opinion

INVITED COMMENTARY

997 Beyond Hemoglobin A_{1c}—Hypoglycemia, Glycemic Patterns, and Risk of Diabetic Retinopathy

JC Giacalone and AJ Barkmeier

Related Article 989

1004 Glucagon-Like Peptide-1 Receptor Agonist Use and Age-Related Macular Degeneration—Where Do We Stand?

KE Talcott, AV Rachitskaya, and RP Singh

Related Article 999

1023 Parsing the Heterogeneity of Geographic Atrophy

K Donovan and EM Lad

Related Article 1014

1033 Pseudoxanthoma Elasticum and the Logic of its Ocular Manifestations

RF Spaide

Related Article 1025

1051 Impact of the Diabetes Endothelial Keratoplasty Study

KA Colby and AL Blitzer

Related Articles 1043 and 1053

📻 Audio

Clinical Review & Education

JAMA OPHTHALMOLOGY CLINICAL CHALLENGE

1066 Acute Unilateral Uveitis With Hypopyon and an Iris Lesion

J Placide and S Pasadhika

A previously healthy 31-year-old woman presents with acute unilateral anterior uveitis with hypopyon and an iris lesion and systemic symptoms, including headache, fatigue, and fever. What would you do next?

📌 CME

OPHTHALMIC IMAGES

➤ Progression of Presumed Pentosan Polysulfate Sodium Maculopathy After Drug Cessation

E Botros, HS Kim, and KE Stepien

This case report discusses presumed progression of maculopathy secondary to pentosan polysulfate sodium prescribed for daily use over a period of 4 years in a patient with a history of interstitial cystitis.

📌 CME

➤ Treatment of Orbital MALT With Local and Systemic Rituximab

J Liu and H Liu

This case report discusses a diagnosis of mucosa-associated lymphoid tissue (MALT) in a patient in their 60s with a 17-year history of a left eyelid and periorbital mass.

📌 CME

➤ Optic Nerve Colobomatous Cyst in an Infant

E Papageorgiou, I Grivea, and S Androudi

This case report discusses a diagnosis of optic nerve colobomatous cyst diagnosed in an infant who presented with left exotropia and no accompanying systemic abnormalities.

📌 CME

Letters

OBSERVATION

1070 Optoretinography and Adaptive Optics Microperimetry in a Patient With AZOOR

T Liu and Coauthors

This report discusses a case of acute zonal outer occult retinopathy (AZOOR) that uses multimodal high-resolution imaging to demonstrate that the locus of vision loss initiates as early as phototransduction.

1073 Tofacitinib for Refractory Thyroid Eye Disease

H Ghahvehchian and B Eshraghi

This case report describes management of refractory thyroid eye disease in 2 patients using the Janus kinase 1/3 inhibitor tofacitinib.

COMMENT & RESPONSE

Neovascular Age-Related Macular Degeneration and GLP-1 RAs

1075 F Ziemssen and H Helbig

1075 DA Mammo, KE Talcott, and RP Singh

1076 S Feldman-Billard, J-F Girmens, and S Ayello-Scheer

1077 W Alkabbani, SJ Cromer, and E Patorno

In Reply

1077 R Shor, MM Popovic, and RH Muni

📌 Available online

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