# JAMA Ophthalmology

# Research

Original Investigation

333 Assessment of a Segmentation-Free Deep Learning Algorithm for Diagnosing Glaucoma From Optical Coherence Tomography Scans AC Thompson and Coauthors

341 Assessment of the DRCR Retina Network Approach to Management With Initial Observation for Eyes With Center-Involved Diabetic Macular Edema and Good Visual Acuity: A Secondary Analysis of a Randomized Clinical Trial AR Glassman and Coauthors for the DRCR Retina Network

350 Neuro-Ophthalmologic Response to Repetitive Subconcussive Head Impacts: A Randomized Clinical Trial MK Nowak and Coauthors 358 Glaucoma Care of Prison Inmates at an Academic Hospital

LN Kanu and Coauthors

365 Long-term Effect of Intraocular Lens vs Contact Lens Correction on Visual Acuity After Cataract Surgery During Infancy: A Randomized Clinical Trial

SR Lambert and Coauthors for the Infant Aphakia Treatment Study Group

374 Association of T and N Categories of the American Joint Commission on Cancer, 8th Edition, With Metastasis and Survival in Patients With Orbital Sarcoma H-S Sa and Coauthors 382 Association Between Eliminating Water From Surgical Hand Antisepsis at a Large Ophthalmic Surgical Hospital and Cost MJ Javitt and Coauthors

387 Patterns of Chronic Conditions and Their Association With Visual Impairment and Health Care Use DD Zheng and Coauthors

395 Evolving Longitudinal Retinal Observations in a Cohort of Survivors of Ebola Virus Disease

PJ Steptoe and Coauthors

405 Effects of Cataract Surgery on Melatonin Secretion in Adults 60 Years and Older: A Randomized Clinical Trial T Nishi and Coauthors

### Opinion

**Invited Commentary** 

339 Data-Driven, Feature-Agnostic
Deep Learning vs Retinal Nerve Fiber Layer
Thickness for the Diagnosis of Glaucoma
CA Petersen and Coauthors

357 Repetitive Subconcussive Head Impact and Neuro-Ophthalmology

N Bhat and Coauthors

372 Visual Acuity Outcome at Age 10.5 Years for Treatment of Monocular Infantile Cataract—It Is Worth the Effort MX Repka

403 Further Considerations About the Ophthalmic Sequelae of Ebola AW Rimoin and GN Holland

# **Clinical Review & Education**

JAMA Ophthalmology Clinical Challenge 412 Sudden Onset of Multiple Green Spots in the Eyes of a Woman With Breast Cancer SN Patel and SJ Kim

414 A Mysterious Central Scotoma in a Teenage Male Patient

I Zhu and Coauthors

416 Acute-Onset Visual Acuity Loss in a Man With Advanced Diabetes Mellitus LS Geyman and Coauthors

Continuing Medical Education 424 Online Quiz Questions

# **LETTERS**

Observation

418 An Iridociliochoroidal Myeloid Sarcoma Associated With Relapsed Acute Myeloid Leukemia With FLT3-ITD Mutation, Treated With Gilteritinib, an FLT3 Inhibitor RS Kim and Coauthors

Comment & Response

419 Considerations When Using a Deep Learning System to Diagnose Glaucomatous Optic Neuropathy

TABLE OF CONTENTS

329 Article Summaries

