

In This Issue: August 2021

Research

ORIGINAL INVESTIGATION

830 Association of Allergic Conjunctivitis With Health-Related Quality of Life in Children and Their Parents

S-y Zhang and Coauthors

This case-control study examines health-related quality of life reported by children with allergic conjunctivitis and their parents.

Invited Commentary 837

839 Estimated Utility of the Short-term Assessment of Glaucoma Progression Model in Clinical Practice

JA Proudfoot and Coauthors

This cohort study describes a study design based on preliminary results comparing rates of change with varying follow-up times and observation frequencies to provide guidance on sample size and power calculations for shorter clinical trials.

Invited Commentary 846

Audio | CME

848 Clinical Outcomes of Rhegmatogenous Retinal Detachment Treated With Pneumatic Retinopexy

NA Yannuzzi and Coauthors

This cohort study investigates clinical outcomes associated with rhegmatogenous retinal detachment treated primarily with pneumatic retinopexy.

Invited Commentary 853 and 855

CME

857 New Classification for the Reporting of Complications in Retinal Detachment Surgical Trials

ZY Xu and Coauthors

for the CORDS Study Group

This study analyzes a survey of international vitreoretinal surgeons to develop a new consensus-based classification to quantify severity of complications of rhegmatogenous retinal detachment surgery.

Invited Commentary 864

866 Development and Validation of a Preference-Based Glaucoma Utility Instrument Using Discrete Choice Experiment

EK Fenwick and Coauthors

This cross-sectional study describes the design, administration, and findings of a new instrument for measuring the burden of glaucoma and its interventions among older adults with varying severity of glaucoma in Singapore.

Invited Commentary 874

876 Refractive Outcomes After Immediate Sequential vs Delayed Sequential Bilateral Cataract Surgery

JP Owen and Coauthors

for the IRIS Research Analytic Center Consortium

This cohort study compares refractive outcomes of patients undergoing immediate and delayed sequential bilateral cataract surgery.

Invited Commentary 885

887 Assessing the Uniformity of Uveitis Clinical Concepts and Associated ICD-10 Codes Across Health Care Systems Sharing the Same Electronic Health Records System

KM McKay and Coauthors

This survey study assesses the degree of uniformity in mapping of uveitis clinical concepts to ICD-10 codes across health care systems using the same electronic health record system.

Invited Commentary 894

Opinion

VIEWPOINT

825 Strategies Potentially Associated With Increasing Racial and Ethnic Groups Underrepresented in Medicine: Application to Ophthalmology

M Harrell Jr, KG Barnett, and S Rowe

EDITORIAL

827 Equity and the JAMA Network

PB Fontanarosa and Coauthors

INVITED COMMENTARY

837 Drawing Attention to the Burden of Allergic Conjunctivitis in Children and Their Families

YNJ Strube

Related Article 830

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

AUDIO

Utility of the Short-term Assessment of Glaucoma Progression Model in Clinical Practice

CME

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Editor in Chief
Neil M. Bressler, MD



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DR Anderson and EA Vanner

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853 Do We Really Need More Clinical Trials of Pneumatic Retinopexy?

D Yorston

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855 When the N Is 65 Million—The Rise of Database Research

CY Weng and JE Kim

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Invited Commentary 853

864 What Is So Complicated About Defining Surgical Complications?

IC Han and EM Binkley

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874 Toward a Better Understanding of Value in Glaucoma Treatment

JR Ehrlich and EM Schehlein

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885 Immediate Sequential Bilateral Cataract Surgery—The Patient Perspective Should Prevail

FA Woreta and OD Schein

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894 The Rigorous Work of Evaluating Consistency and Accuracy in Electronic Health Record Data

K Singh and MA Woodward

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Clinical Review & Education

SPECIAL COMMUNICATION

896 Potential Impact of COVID-19 Disruptions on the Next Generation of Vision Scientists

J Jorkasky, M Davis, and PP Lee

This Special Communication describes findings from a panel of early-stage vision scientists who reported how COVID-19 has affected their work.

REVIEW

898 Reporting of Complications in Retinal Detachment Surgical Trials: A Systematic Review Using the CONSORT Extension for Harms

ZY Xu and Coauthors
for the CORDS Study Group

This systematic review examines reporting on the frequency and severity of complications in randomized clinical trials on rhegmatogenous retinal detachment surgery.

JAMA OPHTHALMOLOGY CLINICAL CHALLENGE

906 Bilateral Macular Schisis in a Woman

NG Valikodath, NK Scripsema, and JI Lim

A 64-year-old woman presents for evaluation of an epiretinal membrane of her right eye. She reported no ocular symptoms and had no history of surgical procedures or trauma. Her visual acuity is 20/20 OU with correction. Her examination results show mild nuclear sclerotic cataracts, radial spokelike striae of the fovea with a central cyst in the right eye and macular edema of the left eye, and cystlike changes in the outer retina in the foveal and parafoveal regions and in the inner retina in the right temporal macula and cystlike changes in the outer retina in the left inferior macula. What would you do next?

908 Purulent Conjunctivitis and Progressive Corneal Stromal Necrosis

AF Alsoudi, Z Haq, and GD Seitzman

A 65-year-old man presents with right eye pain and purulent discharge. His medical history includes HIV managed by antiretroviral therapy. Examination of the right eye shows visual acuity of hand motions as well as purulent discharge, an inflamed conjunctiva, diffuse cornea opacification and thinning, and a flat anterior chamber. He has a 0.5-mm corneal perforation treated with corneal glue. He is treated with topical fortified vancomycin, tobramycin, intravenous levofloxacin, and doxycycline, but the purulent conjunctivitis and corneal stromal necrosis do not improve. What would you do next?

910 Short Stature With Optic Atrophy and Cone Dystrophy

Y Seo, SS Kim, and J Han

A 26-year-old man presents with reduced visual acuity in both eyes since early childhood. He has short stature and progeroid appearance. Examination results show diffuse optic atrophy and fine pigmentary mottling changes at the fovea in both eyes, normal dark-adapted responses and severely reduced light-adapted responses, and thinning of retinal nerve fiber layers and disruption of outer nuclear layers and ellipsoid zone at the center of the fovea. What would you do next?

912 Blurred Vision in a Young Woman With Cosmetic Iris Implants

H Al-kharsan, AQ Tran, and G Amescua

A 34-year-old woman presents with blurred vision and photophobia after having cosmetic iris implants placed 6 months earlier. What would you do next?

OPHTHALMIC IMAGES

913 Fundus Autofluorescence in Juxtapapillary Choroidal Hemangioma

K-J Chen, N-K Wang, and A-N Chao

This case report describes a man with swan-shaped hyperautofluorescence surrounding a mass associated with circumscribed choroidal hemangioma.

914 Severe Bilateral Conjunctivitis With Corneal Limbal Infiltrates Associated With Dupilumab Treatment

R Curtis and J Rullo

This case report describes bilateral conjunctivitis associated with dupilumab use.

Letters

OBSERVATION

914 Exudative Retinal Telangiectasia Associated With Leri-Weill Dyschondrosteosis

RR Soares, MS Stem, and Y Yonekawa

This case report describes a woman with Leri-Weill dyschondrosteosis who was found to have Coats-like retinopathy in her left eye.

915 Fundus Pigmentary Whorls in a Patient With Mosaicism for Tetrasomy 3q

KW Jeng-Miller and Coauthors

This case report describes unusual ophthalmologic findings in a patient with mosaicism of tetrasomy of chromosome 3q.

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COMMENT & RESPONSE

Intraoperative Optical Coherence Tomography Guided Imaging of Incision-Site Descemet Membrane Dynamics During Phacoemulsification

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918 Y Dai, L Luo, and Y Liu

Methodological Considerations for the Case-Control Study of Metformin and Age-Related Macular Degeneration

918 M Etrinan, M Sodhi, and L Li

In Reply

919 AL Blitzer, SA Ham, and D Skondra

Additional Considerations Regarding Timolol Eyedrops for Acute Treatment of Migraine

920 AS Brar and MK Brar

In Reply

920 A Kurian, I Reghunadhan, and U Nair

Retinal Microvascular and Choroidal Changes in Parkinson Disease

921 J Ahn, JY Shin, and J-Y Lee

In Reply

922 CB Robbins, DS Grewal, and S Fekrat

Risk of SARS-CoV-2 Transmission via Corneal Transplant From Donors With COVID-19

922 KH Wan, VWS Chow, and DSC Lam

In Reply

923 M Casagrande, MS Spitzer, and M Schultheiss

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