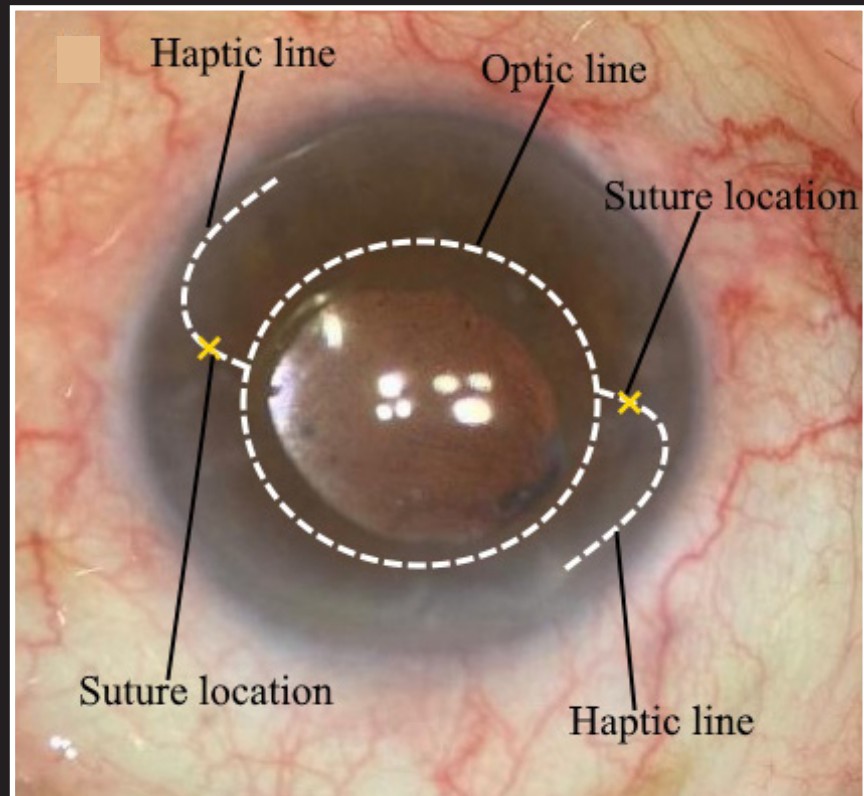
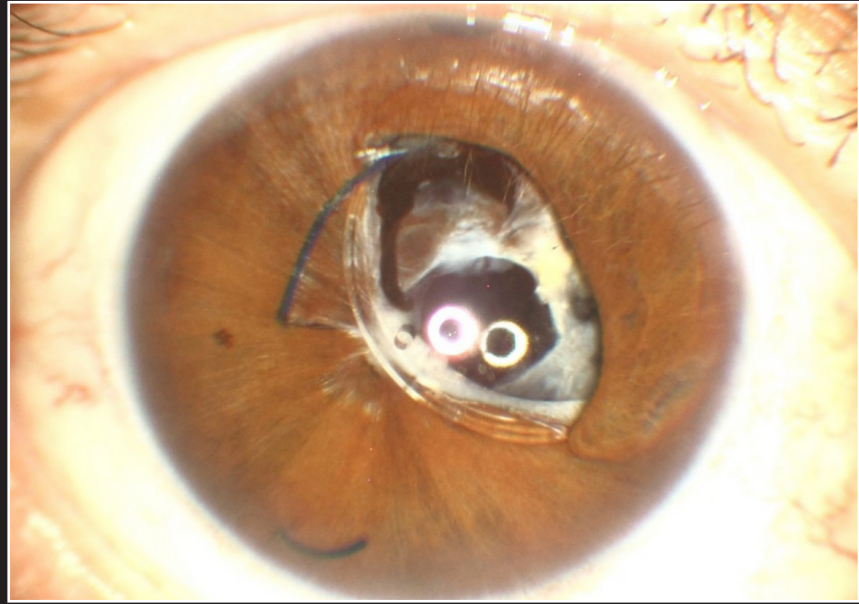


TJCEO Turkish Journal of Clinical and Experimental Ophthalmology

March 2025 · Volume 20 · Number 1



Published by
Gazi Eye
Foundation

Turkish Journal of Clinical and Experimental Ophthalmology

Published by Gazi Eye Foundation.
Owner on behalf of the Gazi Eye Foundation
Dr. Berati Hasanreisoglu

Editors

Dr. Fikret Akata, *Ankara/Türkiye* - Dr. Cüneyt Özmen, *Ankara/Türkiye*

Associate Editors

Bahri Aydın, *Ankara/Türkiye* Onur Konuk, *Ankara/Türkiye*
Zeynep Aktaş, *St Antonio, Texas/USA* Tuba Atalay, *Ankara/Türkiye*
İzzet Can, *Ankara/Türkiye* Ufuk Elgin, *Ankara/Türkiye*

Statistical Consultant

Dr. Nur Aksakal, *Ankara*

International Advisory Scientific Board

Afsun Şahin, *İstanbul/Türkiye* Kamil Bilgihan, *Ankara/Türkiye* Pınar Topçu Yılmaz, *Ankara/Türkiye*
Ayça Sarı, *Mersin/Türkiye* Mohamed Sayed, *Abu Dhabi, UAE* Seher Uysal, *Ankara/Türkiye*
Bahri Aydın, *Ankara/Türkiye* Nilgün Yıldırım, *Eskişehir/Türkiye* Seyhan Bahar Özkan, *Aydın/Türkiye*
Berçin Tarlan, *Ankara/Türkiye* Osman Sevki Aslan, *İstanbul/Türkiye* Syril Dorairaj, *Jacksonville-FL/USA*
Faruk Öрге, *Cleveland/OH/USA* Pınar Altıaylık Özer, *Ankara/Türkiye* Tuba Atalay, *Ankara/Türkiye*
İzzet Can, *Ankara/Türkiye* Pelin Kaynak, *İstanbul/Türkiye*

Issue Review Board

Betul Seher Uysal, *Ankara/Türkiye* Zeynep Aktas, *Ankara/Türkiye* Inci Kocak Midillioglu, *Rocklin/USA*
Nilgun Yildirim, *Eskişehir/Türkiye* Gulizar Demirok, *Ankara/Türkiye* Ufuk Elgin, *Ankara/Türkiye*
Tarkan Mumcuoglu, *Ankara/Türkiye* Sirel Gur Gungor, *Ankara/Türkiye* Mehmet Talay Koylu, *Ankara/Türkiye*
G. Ertugrul Mirza, *Kayseri/Türkiye* Zeynep Kayaarası Ozturker, *İstanbul/Türkiye* Umit Eksioglu, *Ankara/Türkiye*
Saban Simsek, *Ankara/Türkiye*

We would like to thank our scientific board member supervisors who evaluate the articles published in this issue for their contributions.

Turkish Journal of Clinical and Experimental Ophthalmology

AIMS AND SCOPE

Turkish Journal of Clinical and Experimental Ophthalmology is a double-blind peer-reviewed, international periodical about glaucoma and cataract. The publication language is English. Turkish Journal of Clinical and Experimental Ophthalmology is published quarterly (March, June, September and December).

The aim of the Turkish Journal of Clinical and Experimental Ophthalmology is to publish research articles on original issues of the highest clinical and scientific quality at international level. Along with this aim it publishes reviews, short editorials articles, original case reports and figures covering fundamental innovations dealing with education.

The required knowledge for primary aid practitioners, family practitioners and public health specialists along with ophthalmology specialists is assessed and relevant issues are addressed in the Turkish Journal of Clinical and Experimental Ophthalmology.

The journal's editorial and publishing process is adherent to standarts of ICMJE and COPE.

COPYRIGHT

Any of the articles, drawings, figures and tables published in Turkish Journal of Clinical and Experimental Ophthalmology can not be published or reproduced in whole or in part without the prior written permission of the publisher. For scientific purpose (on contition that the reference is expressed) summerizing and quatations can be done.

The authors are responsible for their articles, figures and photos and the companies are responsible for their advertisements.

Turkish Journal of Clinical and Experimental Ophthalmology is a periodical publication, Included in TUBITAK ULAKBIM Turkish Medical Database, Index Copernicus and EBSCO Index.

Publisher

Gazi Eye Foundation

Corresponding Address

Dr. Cüneyt Özmen

Adress

Cinnah Cad. No: 67-69/12 Çankaya / Ankara / Türkiye

E-Mail: editor@tjceo.com

Publisher Manager

Dr. Cüneyt Özmen

Phone: +90 507 875 06 64

E-Mail: yaziisleri@tjceo.com

Design

Seher Şengül

- Review** 1 **Revolutionizing Glaucoma Care: Harnessing Artificial Intelligence for Precise Diagnosis and Management**
Ahmet Yücel Üçgül, Zeynep Aktaş
- Clinical Studies** 10 **Evaluation of the Results of 24-2C Visual Field Test in Glaucoma Patients**
Işıl Merve Torun , Taha Baysal , Doğukan Cömerter , Eyüp Düzgün, Murat Sönmez
- 16 **Predictive Role of Increased Systemic Immuno-Inflammation Index Level in the Diagnosis of Pseudoexfoliation Syndrome**
Özlem Aydinoglu Candan, Gözde Orman, Doğukan Tekneci, Furkan Morkoç, Nurten Ünlü
- 22 **Iris Suture-Fixed Intraocular Lens Surgery as the Primary Preference in Aphakic Patients Without Capsular Support: Complications and Long-Term Results**
Hakan Koc, Murat Atabey Ozer
- 30 **Using Google Trends to Evaluate the Public Interest to Ocular Diseases and Symptoms during the COVID-19 Pandemic**
Günsu Deniz Mirza, Enver Mirza, Selman Belviranlı, Mehmet Adam, Ali Osman Gündoğan
- 37 **Performance of ChatGPT-3.5, Copilot and Gemini in Answering English and Turkish Questions Related to Ocular Surface Diseases and Cornea: A Comparison Study**
Eyüpcan Şensoy, Mehmet Çitirik
- 42 **Comparison of iCare rebound tonometer, non-contact tonometer and Goldmann applanation tonometer in intraocular pressure measurement**
Zeynep Seymen, Aynur Dıraçoğlu, Sinan Bekmez, Erdem Eriş
- 48 **Treatment results of glaucoma associated with Sturge-Weber syndrome**
Berkay Anıl Kupal, Mine Esen Barış, Suzan Güven Yılmaz
- 54 **Effect of Cataract Surgery on Graft Survival After Penetrating Keratoplasty**
Mustafa Yıldırım, İbrahim Koçer
- Case Reports** 59 **Cystoid macular edema related to intraocular lens dislocation and iris perforation by lens haptic**
Kemal Örnek, Tülay Karacan Erşekerci
- 63 **The Management of A Patient with Steroid-Induced Intraocular Pressure Elevation by Subtenon Triamcinolone Acetonide Deposit Excision**
Kübra Özdemir Yalçınsoy, Ali Mert Koçer