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Ege Üniversitesi Tıp Fakültesi, Göz Hastalıkları AD, Bornova, İzmir, Türkiye
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Editor

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Ege Üniversitesi Tıp Fakültesi, Göz Hastalıkları AD, Bornova, İzmir, Türkiye
Tel: +90 232 390 37 88
afrashif@yahoo.com

Contact:

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Göztepe Mah. Fahrettin Kerim Gökay Cad. No: 200 Da: 2, Göztepe, Kadıköy, İstanbul, Türkiye
Phone: +90-216-550 61 11 Fax: +90-216-550 61 12
e-mail: kare@karepb.com Web: kare@karepb.com

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CONTENTS

Editorial	VII
-----------------	-----

ORIGINAL ARTICLES

Evaluation of the demographic and neuro-ophthalmologic findings of our patients with non-arteritic ischemic optic neuropathy <i>Orman G, Sungur G, Ozlem Candan O, Kucukiba K, Unlu N, Burcu A.....</i>	68–74
Comparative evaluation of surgical outcomes of gonioscopy-assisted transluminal trabeculotomy and trabeculectomy in open-angle glaucoma <i>Taheri L, Akgun Z, Esen Baris M, Guven S.....</i>	75–81
Effects of horizontal rectus recession surgery on refraction in the long term <i>Kaya-Guner E.....</i>	82–88
Investigation of dry eye parameters in patients with age-related macular degeneration undergoing repeated intravitreal injections <i>Kesimal B, Kocamis SI, Karakaya M, Sanal Dogan A, Celikay O.....</i>	89–94
Can artificial intelligence become a board-certified ophthalmologist? Assessing machine intelligence in ophthalmology education <i>Kiyat P, Kahraman HZ.....</i>	95–102
Evaluating the accuracy, readability, and relevance of answers generated by large language models for frequently asked questions about cataract and cataract surgery <i>Bozkurt Oflaz A, Acar Duyan S.....</i>	103–110
Efficacy of posterior subtenon triamcinolone in the treatment of diabetic macular edema in patients with full panretinal photocoagulation <i>Yuksel B, Akmaz O, Cetin M, Kusbeci T.....</i>	111–117
The impact of daily and monthly contact lenses on dry eye, comfort, and beyond <i>Karaca EE, Aktas Ozaltun O, Asfuroglu Y, Ozek D, Kemer OE.....</i>	118–122
Effects of intravitreal injection on the ocular surface and corneal endothelium in patients with neovascular age-related macular degeneration <i>Dogan L, Ozer O, Baysal Z.....</i>	123–129
The quantification of retinal vein and artery trajectories using second-order polynomial equation in eyes with diabetic retinopathy <i>Agin A, Ozturk M, Menges D, Onder F.....</i>	130–137
Microbiological profile and antibiotic susceptibility results in corneal samples: Sharing 4-year data <i>Ceylan A, Aydin FO, Akbaş YB, Oncel B, Akgul BA, Yildiz BK, et al.....</i>	138–144
Clinical results of botulinum toxin-a injection into the lacrimal gland in the treatment of chronic epiphora <i>Ulas B, Ozcan AA, Gedik C, Guleryuz M, Binokay H.....</i>	145–151

CASE REPORTS

I had an intravitreal injection; my eyes are blurry, why? <i>Arican E, Alyoruk F, Tas K, Yaman A, Ersan I.....</i>	152–155
Surgical management of dense cataract with glaucoma in nanophthalmos: A case report <i>Ozcan AA, Sariyeva Aydamirov A.....</i>	156–159
A case of multiple myeloma with atypical localization of orbital metastases <i>Oruz O, Sahin O, Pelit A, Canpolat T, Yalcin C, Kasar M.....</i>	160–163

REVIEW

Current approaches to premyopia <i>Coskun Akdemir S.....</i>	164–169
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EDITORIAL

Dear Colleagues,

We are pleased to introduce the second issue of the fifth volume of *European Eye Research*, continuing our commitment to sharing high-quality, peer-reviewed research that advances knowledge in ophthalmology. This issue brings together a diverse collection of studies that reflect both the clinical complexity and the technological evolution of our field. A total of 11 original research articles, 1 review, and 3 case reports offer a comprehensive overview of current topics in anterior and posterior segment disease, surgical outcomes, ocular surface health, and the expanding role of artificial intelligence in ophthalmic practice.

Among the original articles, readers will find studies addressing the evaluation of non-arteritic ischemic optic neuropathy patients, surgical outcomes in open-angle glaucoma, long-term refractive changes after horizontal rectus recession surgery, and the use of posterior subtenon corticosteroids in diabetic macular edema. Other contributions explore dry eye parameters and ocular surface effects of intravitreal injections, contact lenses, and corneal microbiology. This issue also includes an original study that introduces a novel quantitative method to map the curvature of retinal arteries and veins using second-order polynomial equations in eyes with diabetic retinopathy, offering potential insights into vascular remodeling and disease monitoring. Together, these studies reflect the continuous efforts to refine therapeutic strategies and improve patient care across subspecialties.

Two particularly timely articles examine how artificial intelligence and large language models may impact ophthalmic education and patient communication. As technology becomes increasingly integrated into clinical decision-making and medical training, these studies invite important discussion on accuracy, reliability, and future directions.

An original article on Botulinum Toxin-A injection to the lacrimal gland in the treatment of chronic epiphora is also available.

The review article in this issue focuses on premyopia, providing valuable insights into the early stages of refractive development and strategies for myopia prevention—an area of growing global interest, particularly in pediatric populations.

The case reports offer a closer look at unique clinical scenarios, including nanophthalmic cataract surgery, orbital metastasis from multiple myeloma, and a patient-centered reflection on visual complaints following intravitreal injection.

As always, we extend our sincere thanks to the authors for their contributions and to our reviewers and editorial team for their diligent work. We hope that this issue not only informs but also inspires, encouraging continued exploration and dialogue in our shared pursuit of scientific progress. We look forward to your future submissions and ongoing engagement with *European Eye Research*.

Warm regards,

Elif Demirkılınç Biler, MD

Associate Editor