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

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Ege Üniversitesi Tıp Fakültesi, Göz Hastalıkları AD, Bornova, Izmir, Türkiye
Tel: +90 232 390 37 88
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Göztepe Mah. Fahrettin Kerim Gökay Cad. No: 200 Da: 2, Göztepe, Kadıköy, İstanbul, Türkiye
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e-mail: kare@karepb.com Web: kare@karepb.com

Publications Coordinator: Ece Hanne Şimşek
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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