

## AT A GLANCE

### 2026 Issue 3 at a Glance:

#### Esteemed colleagues,

In the third issue of 2026, the Turkish Journal of Ophthalmology features five original research articles, one review, one case report, and five letters to the editor addressing highly engaging and current topics. We believe you will find these articles beneficial.

The original research section begins with a study by Yalçındağ et al. titled "Determination of the Non-Invasive Tear Break-Up Time Cut-Off Point for Diagnosis of Dry Eye Disease and Its Correlation with Other Dry Eye Tests." The authors identified a threshold value of the tear break-up time test for use in the differential diagnosis of evaporative and mixed-type dry eye disease, emphasizing that this test has high diagnostic sensitivity and specificity and correlates with other clinical tests ([See pages 148-157](#)).

In their study titled "Refractive and Visual Outcomes in Unilateral Duane Retraction Syndrome: Influence of Ocular Motility," Ünlü et al. reported that patients with unilateral Duane retraction syndrome had lower visual acuity and higher spherical refraction values on the affected side. They further noted that cylindrical refraction values were associated with abnormal head position and deviation type in these patients ([See pages 158-165](#)).

Devebacak et al. present a study titled "Accuracy of Contemporary Intraocular Lens Calculation Formulas Based on Swept-Source OCT Biometry in Eyes with Capsular Tension Ring," in which they determined that the Barrett Universal II formula yielded the lowest mean absolute error and median absolute error, followed by the Holladay II formula. However, a slight hyperopic shift was demonstrated across all evaluated formulas ([See pages 166-171](#)).

In their study titled "MicroRNA Profiles Targeting Angiopoietin-1, Angiopoietin-2, and TEK Receptor Tyrosine Kinase-2 Genes Associated with Angiogenesis in Proliferative Diabetic Retinopathy," Sancar et al. discussed the increased expression of certain microRNA subtypes in the vitreous. They suggested that this increase may be related to decreased Angiotensin-1 levels and that these microRNAs could serve as indicators of vascular changes in the pathogenesis of proliferative diabetic retinopathy ([See pages 172-179](#)).

Demirayak et al. present a survey study titled "Assessment of Dietary Nutritional Profile in Turkish Patients with Age-Related Macular Degeneration." In their sample of 530 patients, they determined that only 19.3% consumed the recommended amounts of omega-3 rich foods. Additionally, over half of the patients did not consume fish weekly, and recommended intake of foods rich in lutein/zeaxanthin, beta-carotene, and antioxidants was reported by 63.6%, 41.7%, and 4.7% of patients, respectively. The proportion of patients using micronutrient supplements regularly was determined to be 35.5%. Highlighting the low frequency of antioxidant use, the authors emphasized the need to raise awareness among both patients and ophthalmologists regarding this issue ([See pages 180-186](#)).

This issue's review, by Taşkıran Çömez, is titled "Unseen Consequences: The Expanding Burden of Iatrogenic Dry Eye Disease in Surgical and Cosmetic Practice." The article includes a detailed discussion of dry eye disease developing after surgery, cosmetic procedures, pharmacological treatments, and the use of medical devices, with emphasis on the potential for preoperative ocular surface examination to substantially reduce the burden of iatrogenic dry eye disease ([See pages 187-197](#)).

In the case report of this issue, titled "Modification of the Temporal Inverted Internal Limiting Membrane Flap in Macular Hole Surgery: Envelope Technique," Tatlıpınar proposed that utilizing a window in the internal limiting membrane (ILM) to stabilize the inverted ILM flap in large macular holes may yield a higher success rate compared to the original method ([See pages 198-202](#)).

The letters to the editor section includes pieces titled "Out of Sight, Out of Chamber: PreserFlo® MicroShunt Dislocation Following Office-Based Needling" by Garcia-Risco et al. ([See pages 203-207](#)), "Unilateral Idiopathic Retinal Venous Beading" by Karslıoğlu et al. ([See pages 208-210](#)), "Presentation of Bilateral Optic Disc Coloboma-Morning Glory Syndrome in Mother and Son, with Retinitis Pigmentosa in the Father" by İslambekov et al. ([See pages 211-215](#)), a letter from Çağlar regarding the article "Long-Term Intravitreal Dexamethasone Implant Monotherapy in Naïve Patients with Diabetic Macular Edema" ([See pages 216-217](#)), and the reply from Karataş et al. ([See pages 217-219](#)).

We hope that the valuable articles in this year's third issue will capture your interest and make significant, inspiring, and lasting contributions to your daily practice.

On behalf of the Editorial Board,

Hande Taylan Şekeroğlu, MD