

ISSN 2459 - 1777



BEYOGLU EYE JOURNAL



Volume 4 Issue 3 Year 2019

INDEXED IN TUBITAK ULAKBIM TR INDEX

www.beyoglueye.com





Editor-in-Chief

Muhittin TASKAPILI, MD

University of Health Sciences, Beyoglu Eye Training and Research Hospital, Istanbul

Editor

Cigdem ALTAN, MD

University of Health Sciences, Beyoglu Eye Training and Research Hospital, Istanbul

Associate Editors

Alper AGCA, MD

University of Health Sciences, Beyoglu Eye Training and Research Hospital, Istanbul

Pinar CAKAR OZDAL, MD

Ankara Ulucanlar Eye Training and Research Hospital, Ankara

Irfan PERENTE, MD

University of Health Sciences, Beyoglu Eye Training and Research Hospital, Istanbul

Melda NURSAL YENEREL, MD

Haydarpasa Numune Training and Research Hospital, Istanbul

Yusuf YILDIRIM, MD

University of Health Sciences, Beyoglu Eye Training and Research Hospital, Istanbul

International Scientific Advisory Board

Iqbal Ike K. AHMED, MD

Prism Eye Institute, Mississauga, Ontario, Canada

Cagri G. BESIRLI, MD

Michigan Medicine Ophthalmology, Retina Clinic, Ann Arbor, MI, USA

Murat DOGRU, MD

Keio University, Department of Ophthalmology, Keio, Tokyo, Japan

Nina JOVANOVIC, MD

Canton Hospital Zenica, Ophthalmology Department, Zenica, Bosnia and Herzegovina

Ulugbek R. KARIMOV, MD

Sirdarya Regional Ophthalmic Hospital, Tashkent, Uzbekistan

Nazim ZAYNUTDINOV, MD

Tashkent Graduate Education Institute, Department of Eye Diseases, Tashkent, Uzbekistan

Statistical Editor

Nurdan COLAKOGLU

Department of Business Administration, Arel University Faculty of Economic and Administrative Sciences, Istanbul, Turkey

The Owner and Publishing Manager on behalf of
the University of Health Sciences,
Beyoglu Eye Training and Research Hospital
Sağlık Bilimleri Üniversitesi, Beyoglu Göz Eğitimi ve Araştırmaları Hastanesi

Araştırma Hastanesi adına Beyoglu Göz Eğitimi ve Araştırma Hastanesi
Sahibi ve Sorumlu Yazı İşleri Müdürü: Bereketzade Mah. Bereketzade Camii Sok.
Address: No: 2, Beyoglu, İstanbul, Turkey
Phone: +90 212 293 42 03
Fax: +90 212 245 09 48
e-mail: editor@beyoglueye.com
web: www.beyoglueye.com

Beyoglu Eye Journal is indexed in TUBITAK ULAKBİM TR Index since 2016.

Beyoglu Eye Journal is a peer-reviewed journal published triannually by the Beyoglu Eye Training and Research Hospital.

Materials published in the Journal is covered by copyright 2019 Beyoglu Eye Journal. All rights reserved.

This publication is printed on paper that meets the international standard ISO 9706:1994.

National Library of Medicine (USA) recommends the use of permanent, acid-free paper in the production of biomedical literature.



Publisher: KARE PUBLISHING
Address: Concord İstanbul, Dumlupınar Mah., Cihan Sok., No: 15, B Blok Da: 162, Kadıkoy, İstanbul-TURKEY
Phone: +90 216 550 61 11
Fax: +90 212 550 61 12
e-mail: kare@kareyayincilik.com
web: www.kareyayincilik.com

Yayın Turu: Uluslararası Sureli
Basım Tarihi: Aralık 2019
Basım: Yıldırım Matbaacılık, İstanbul
Tel: +90 212 629 80 37



Scientific Advisory Board

- Banu ACAR, Istanbul
Nur ACAR, Istanbul
Banu ACIKALIN, Istanbul
Alper AGCA, Istanbul
Yusuf AKAR, Antalya
Cengiz ALAGOZ, Istanbul
Zeynep ALKIN, Istanbul
Nilufer ALPARSLAN, Istanbul
Tugrul ALTAN, Istanbul
Tulin ARAS OGREDEN, Istanbul
Ceyhun ARICI, Istanbul
Halil OZGUR ARTUNAY, Istanbul
Rukiye AYDIN, Istanbul
Meliike BALIKOGLU YILMAZ, Izmir
Berna BASARIR, Istanbul
Figen BATIOGLU, Ankara
Mehmet BAYKARA, Bursa
Serife BAYRAKTAR, Istanbul
Nilufer BERKER, Ankara
Ali Bulent CANKAYA, Ankara
Ferda CIFTCI, Istanbul
Ahmet DEMIROK, Istanbul
Selim DOGANAY, Bursa
G. Mustafa ERDOGAN, Istanbul
Kuddusi ERKILIC, Kayseri
Cem EVEREKLIOGLU, Kayseri
KORHAN FAZIL, Istanbul
Birsen GOKYIGIT, Istanbul
G. Ibrahim GULKILIK, Istanbul
Koray GUMUS, Kayseri
Hulya GUNGEL, Istanbul
Kivanc GUNGOR, Gaziantep
Dilek GUVEN, Istanbul
Firat HELVACIOGLU, Istanbul
Ziya KAPRAN, Istanbul
Esra KARDES, Istanbul
Safak KARSLOGLU, Istanbul
Yasemin KATIRCIOGLU, Istanbul
Suleyman KAYNAK, Izmir
Ahmet KIRGIZ, Istanbul
R. Beril KUCUMEN, Istanbul
Orkun MUFTUOGLU, Istanbul
Osman BULUT OCAK, Istanbul
Halit OGUZ, Istanbul
Ayse ONER, Kayseri
Ozay OZ, Istanbul
Altan ATAKAN OZCAN, Adana
Ferah OZCELIK, Istanbul
Akif OZDAMAR, Istanbul
Hakan OZDEMIR, Istanbul
Gamze OZTURK KARABULUT, Istanbul
Ahmet MURAT SARICI, Istanbul
Ayse BURCU NUROZLER, Ankara
Banu SATANA, Istanbul
Mehmet Ali SEKEROGLU, Ankara
Fevzi SENTURK, Istanbul
Kubra SEREFOGLU CABUK, Istanbul
Didem SERIN, Istanbul
Tamer TAKMAZ, Ankara
Arzu TASKIRAN COMEZ, Canakkale
Mustafa ILKER TOKER, Ankara
Betul TUGCU, Istanbul
Banu TURGUT OZTURK, Konya
Didar UCAR, Istanbul
Canan ASLI UTINE, Istanbul
Murat UYAR, Istanbul
Nilufer YALCINDAG, Ankara
Ozgur YALCINBAYIR, Bursa
Serpil YAZGAN, Zonguldak
Yusuf YILDIRIM, Istanbul
Elvin YILDIZ, Istanbul
Ihsan YILMAZ, Istanbul
Pelin YILMAZBAS, Ankara



CONTENTS VOLUME 4 ISSUE 3 YEAR 2019 ISSN 2459 - 1777

ORIGINAL ARTICLES

A Real-Life Study: Intravitreal Afibercept, Ranibizumab and Dexamethasone for Macular Edema Secondary to Branch Retinal Vein Occlusion Bayat AH, Bolukbasi S, Erden B, Cakir A, Ozturan SG, Tayfur M, Elcioglu MN.....	131
Evaluation of Axial Length Changes after Combined Phacovitrectomy for Macula-off Rhegmatogenous Retinal Detachment Ozal SA, Garip R, Ozal E, Kupeli A.....	136
Long-term Results of Ranibizumab, Dexamethasone Implant, and Triamcinolone in Macular Edema due to Branch Retinal Vein Occlusion Dikel NH, Yumusak E, Buyuktortop Gokcinar N.....	141
Objective Accommodation Amplitude Measurements Using a New Autorefractometer Device Ozulken K, Kiziltoprak H.....	149
Progression Analysis with ABCD Grading System following Corneal Collagen Cross-Linking in Keratoconus Saglik A, Isik MU.....	156
Evaluation of Neutrophil-Lymphocyte Ratios, Mean Platelet Volumes, and Platelet-Lymphocyte Ratios in Pterygium Gokmen O, Gokmen A.....	163
Evaluation of the Demographic Features of Eye Loss in Turkey Fazil K	168
An Alternative Algorithm for Müller Muscle Conjunctival Resection Surgery for Blepharoptosis Management Ozturk Karabulut G, Fazil K, Sonmez O, Karaagac Gunaydin Z, Serefoglu Cabuk K, Pasaoglu I, Taskapili M....	172
Choroidal Thickness and its Correlations with Ocular Parameters in Primary Open-angle Glaucoma Kutluksaman B, Yavas GF, Inan S, Dogan M, Inan UU	179
The Effects of Trabeculectomy on Ocular Pulse Amplitude in Patients with Glaucoma Karakucuk Y	190
EXPERIMENTAL STUDY	
Treatment of Corneal Alkali Burn with Chestnut Honey, Royal Jelly, and Chestnut Honey-Royal Jelly Mixture Atalay K, Serefoglu Cabuk K, Kirgiz A, Kara Caglar A	196
CASE REPORTS	
Dural Carotid-cavernous Fistula Mimicking Thyroid Orbitopathy Pelit A, Dervisogullari MS, Andic C, Ozdemir VN.....	202
Performing Corneal Collagen Cross-linking after Radial Keratotomy in a Patient with Keratoconus: Case Report Cubuk MO, Bilgihan K	206
Bacterial Conjunctivitis Accompanying Spontaneous Subconjunctival Abscess Gultekin Irgat S, Ozcura F	210