

ISSN 2459 - 1777



BEYOGLU EYE JOURNAL



Volume 4 Issue 2 Year 2019

INDEXED IN TUBITAK ULAKBIM TR INDEX

www.beyoglu-eye.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

Haydarpaşa 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 Insitute, Mississauga, Ontario, Canada

Çagri 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 Eğitim ve

Araştırma Hastanesi adına

Sahibi ve Sorumlu Yazı İşleri Müdürü:

Dr. MUHİTTİN TAŞKAPILI

Beyoglu Göz Eğitim ve Araştırma Hastanesi

Bereketzade Mah. Bereketzade Camii Sok.

Address: No: 2, Beyoglu, Istanbul, Turkey

Phone: +90 212 293 42 03

Fax: +90 212 245 09 48

e-mail: editor@beyogluueye.com

web: www.beyogluueye.com



Publisher: KARE PUBLISHING

Address: Concord Istanbul, Dumlupınar Mah.,
Cihan Sok., No: 15, B Blok Da: 162,
Kadıköy, İstanbul-TURKEY

Phone: +90 216 550 61 11

Fax: +90 212 550 61 12

e-mail: kare@kareyayincilik.com

web: www.kareyayincilik.com

Beyoglu Eye Journal is indexed in TUBITAK ULAKBIM 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.

Yayın Turu: Uluslararası Sureli

Basım Tarihi: August 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 OGREDEDEN, Istanbul

Ceyhun ARICI, Istanbul

Halil OZGUR ARTUNAY, Istanbul

Rukiye AYDIN, Istanbul

Melike 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 KARSLIOGLU, Istanbul

Yasemin KATIRCIOGLU, Istanbul

Suleyman KAYNAK, Izmir

Ahmet KIRGIZ, Istanbul

R. Beril KUCUMEN, Istanbul

Orkun MUFTUOGLU, Istanbul

Osman BULUT OCAK, Istanbul

Halit OGUZ, Istanbul

Ayşe 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

Ayşe 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



EXPERIMENTAL STUDY

Evaluation of Retinol Palmitate Treatment of Photokeratitis in Rat Eyes Exposed to Ultraviolet B Radiation

Filizay MC, Buyuktortop Gokcinar N, Sahinturk V, Oner S, Kacar S, Onaran Z, Yumusak E..... 55

ORIGINAL ARTICLES

An Analysis of Scheimpflug Holladay-Equivalent Keratometry Readings Following Corneal Collagen Cross-Linking

Saglik A, Celik H, Aksoy M..... 62

Evaluation of Factors Affecting Epiretinal Membrane Surgery Outcomes

Erden B, Kapran Z..... 69

The Optimal Cutoff Value of Neutrophil/Lymphocyte Ratio for Severe Grades of Diabetic Retinopathy

Ilhan C, Citirik M, Uzel MM, Tekin K..... 76

Intraobserver Repeatability of Corneal and Anterior Segment Parameters Obtained Using a Scheimpflug Camera-Placido Corneal Topography System

Ertan E, Dogan M..... 82

Anatomical Parameters of the Nasolacrimal Duct in Healthy Children Measured with Computed Tomography

Altinkaynak H, Gunes H..... 86

Macular Choroidal Thickness in Patients with Ocular Hypertension as Assessed Using Enhanced Depth Imaging Optical Coherence Tomography

Topcu Yilmaz P, Koz OG, Yarangumeli A, Alp MN 92

The Effects of Silicone Oil Endotamponade on Subfoveal Choroidal Thickness after Pars Plana Vitrectomy for Rhegmatogenous Retinal Detachment

Bolukbasi S, Erden B, Cakir A..... 97

Anterior Segment Optic Coherence Tomography Changes Before and After Phacoemulsification in Primary Open-Angle Glaucoma

Zirtiloglu S, Ayranci Osmanbasoglu O, Alpar Akcetin T, Acar Y, Alikma MS, Unsal E, Eltutar K 102

Alterations in Corneal Biomechanical and Topographic Features After Accelerated Crosslinking: 1-Year Results

Kirgiz A, Karaman Erdur S, Serefoglu Cabuk K, Atalay K, Asik Nacaroglu S..... 108

Ciliary Sulcus Implantation of Ahmed Glaucoma Valve in Patients with Corneal Decompensation Risk

Imamoglu S, Ercalik NY, Guneri Beser B, Celik NB 115

SURGICAL TECHNIQUE

Sliding Shape Extraocular Muscle Transposition with Plication: A Novel Method

Gokyigit B, Inal A, Ocak B, Aygit ED 120

CASE REPORT

Acute Bilateral External Ophthalmoplegia in Miller Fisher Syndrome

Calis Karanfil F, Atilla H 123

Manual Intracorneal Silicone Oil Insertion for Symptomatic Treatment of Bullous Keratopathy in a Patient with Corneal Scarring

Genc S, Cakmak S, Yildirim Y 126