

## Assoc. Prof. NİHAT POLAT

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-1735-1363

Publons / Web Of Science ResearcherID: ABI-7316-2020

Yoksis Researcher ID: 110959

### Education Information

Expertise In Medicine, Istanbul University, Cerrahpaşa Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 2005 - 2010

Undergraduate, Istanbul University, Cerrahpaşa Tıp Fakültesi, Cerrahpaşa Tıp Pr., Turkey 1998 - 2005

### Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Eye Diseases and Surgery

### Academic Titles / Tasks

Assistant Professor, Inonu University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2018 - Continues

Assistant Professor, Inonu University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2014 - 2018

### Courses

Optik Nevrit, Undergraduate, 2018-2019

Retinanın Vasküler Hastalıkları, Undergraduate, 2018-2019

Retinanın Vasküler Hastalıkları, Undergraduate, 2017-2018

Optik Nevrit, Undergraduate, 2017-2018

Prematüre retinopatisi, Undergraduate, 2016 - 2017

Yenidoğan konjonktiviti, Undergraduate, 2016 - 2017

Optik Nevrit, Undergraduate, 2016 - 2017

Göz Travması, Undergraduate, 2016 - 2017

Prematüre retinopatisi, Undergraduate, 2016-2017

Göz Travması, Undergraduate, 2016-2017

Yenidoğan konjonktiviti, Undergraduate, 2016-2017

Optik Nevrit, Undergraduate, 2016-2017

Optik Nevrit, Undergraduate, 2015-2016

Kırmızı Göz, Undergraduate, 2014-2015

## Advising Theses

POLAT N., Ön segment parametreleri açısından standart ve hızlandırılmış cross-linking etkinliklerinin karşılaştırılması, Expertise In Medicine, M.FIRAT(Student), 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Impact of serous macular detachment on visual recovery in retinal vein occlusion treatment**  
TUNCER FIRAT İ., POLAT N., Firat M.  
ARQUIVOS BRASILEIROS DE OFTALMOLOGIA, vol.85, no.6, pp.606-613, 2022 (SCI-Expanded)
- II. **Comparison of the effects of the McGRATH MAC, C-MAC, and Macintosh laryngoscopes on the intraocular pressures of non-ophthalmic patients: A prospective, randomised, clinical trial**  
ÖZKAN A. S., AKBAŞ S., KARAASLAN E., POLAT N.  
ANAESTHESIA CRITICAL CARE & PAIN MEDICINE, vol.40, no.6, 2021 (SCI-Expanded)
- III. **Optical coherence tomographic comparison of naive macular edema due to ischemic and nonischemic retinal vein occlusion**  
POLAT N., YOLOĞLU S.  
INTERNATIONAL OPHTHALMOLOGY, vol.40, no.8, pp.2085-2093, 2020 (SCI-Expanded)
- IV. **Estimation of angle kappa and pupil barycentre configuration in myopic tilted disc syndrome**  
ÇANKAYA C., Ozsoy E., Demirel E. E., POLAT N., GÜNDÜZ A.  
CLINICAL AND EXPERIMENTAL OPTOMETRY, vol.103, no.2, pp.192-196, 2020 (SCI-Expanded)
- V. **Incidence, risk factors and severity of retinopathy of prematurity in Turkey (TR-ROP study): a prospective, multicentre study in 69 neonatal intensive care units**  
BAŞ A. Y., DEMİREL N., KOÇ E., Isik D. U., HIRFANOĞLU İ. M., Tunc T., Sari F. N., Karatekin G., Koklu E., ALTUNHAN H., et al.  
BRITISH JOURNAL OF OPHTHALMOLOGY, vol.102, no.12, pp.1711-1716, 2018 (SCI-Expanded)
- VI. **Corneal endothelial changes in long-term cannabinoid users**  
POLAT N., Cumurcu B., CUMURCU T., Tuncer I.  
CUTANEOUS AND OCULAR TOXICOLOGY, vol.37, no.1, pp.19-23, 2018 (SCI-Expanded)
- VII. **Histopathological and ophthalmoscopic evaluation of apocynin on experimental proliferative vitreoretinopathy in rabbit eyes**  
Ozer M. A., POLAT N., Ozen S., Ogurel T., PARLAKPINAR H., VARDI N.  
INTERNATIONAL OPHTHALMOLOGY, vol.37, no.3, pp.599-605, 2017 (SCI-Expanded)
- VIII. **The influence of corneal collagen cross-linking on anterior chamber in keratoconus**  
POLAT N., GÜNDÜZ A., ÇOLAK C.  
INDIAN JOURNAL OF OPHTHALMOLOGY, vol.65, no.4, pp.271-275, 2017 (SCI-Expanded)
- IX. **Effects of Molsidomine on Retinopathy and Oxidative Stress Induced by Radiotherapy in Rat Eyes**  
Ozer M. A., POLAT N., Ozen S., PARLAKPINAR H., EKICI K., POLAT A., VARDI N., TANBEK K., YILDIZ A.  
CURRENT EYE RESEARCH, vol.42, no.5, pp.803-809, 2017 (SCI-Expanded)
- X. **The Influence of Corneal Collagen Crosslinking on Conjunctival Flora**  
POLAT N., GÜNDÜZ A., Gunduz A., CUMURCU T., Gunduz G.  
CURRENT EYE RESEARCH, vol.42, no.3, pp.364-367, 2017 (SCI-Expanded)
- XI. **Corneal structure in tilted disc syndrome**  
GÜNDÜZ A., POLAT N., CUMURCU T., Demirel E., Ozsoy E.  
ARQUIVOS BRASILEIROS DE OFTALMOLOGIA, vol.79, no.5, pp.285-288, 2016 (SCI-Expanded)
- XII. **Effect of Cycloplegia on Keratometric and Biometric Parameters in Keratoconus**  
POLAT N., GÜNDÜZ A.  
JOURNAL OF OPHTHALMOLOGY, vol.2016, 2016 (SCI-Expanded)
- XIII. **The Effect of Chronic Alcoholism on the Conjunctival Flora**  
Gunduz G., GÜNDÜZ A., POLAT N., Cumurcu B. E., YAKUPOĞULLARI Y.

CURRENT EYE RESEARCH, vol.41, no.6, pp.734-739, 2016 (SCI-Expanded)

- XIV. **Toxic effects of systemic cisplatin on rat eyes and the protective effect of hesperidin against this toxicity**  
POLAT N., ÇİFTÇİ O., Cetin A., Yilmaz T.  
CUTANEOUS AND OCULAR TOXICOLOGY, vol.35, no.1, pp.1-7, 2016 (SCI-Expanded)
- XV. **Choroidal thickness in relation to sex, age, refractive error, and axial length in healthy Turkish subjects**  
Tuncer I., Karahan E., Zengin M. O., Atalay E., POLAT N.  
INTERNATIONAL OPHTHALMOLOGY, vol.35, no.3, pp.403-410, 2015 (SCI-Expanded)
- XVI. **Choroidal tuberculoma showing paradoxical worsening in a patient with miliary TB**  
Yilmaz T., Selcuk E. B., POLAT N., Mutlu K.  
OCULAR IMMUNOLOGY AND INFLAMMATION, vol.23, no.1, pp.97-99, 2015 (SCI-Expanded)
- XVII. **Evaluation of scleral-fixated intraocular lens position anomalies by anterior segment optical coherence tomography**  
POLAT N., Devranoglu K. K., Ozdamar M. A., Arici C.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.44, no.6, pp.1118-1123, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Longitudinal changes in parafoveal microvascular structure in diabetic macular edema**  
Polat N., Yologlu S.  
Annals of Medical Research, vol.30, no.10, pp.1181-1187, 2023 (Peer-Reviewed Journal)
- II. **Comparison of the effects of direct laryngoscopic and fiberoptic oral endotracheal intubation on the intraocular pressures of non-ophthalmic patients: A prospective, randomised, clinical trial**  
YILDIRIM S., ÖZKAN A. S., AKBAŞ S., POLAT N., MUTLU K., KARAASLAN E., DURMUŞ M.  
Annals of Medical Research, vol.29, pp.717-721, 2022 (Peer-Reviewed Journal)
- III. **The effect of intracameral bevacizumab on current hyphema**  
POLAT N.  
Annals of Medical Research, vol.26, no.5, pp.845-849, 2019 (Peer-Reviewed Journal)
- IV. **The effect of intracameral bevacizumab on current hyphema**  
Polat N., Özkan A. S., Akbaş S., Parlakpınar H., Akpolat N.  
Annals of Medical Research, vol.26, no.5, pp.845-849, 2019 (Peer-Reviewed Journal)
- V. **Arginine, symmetric and asymmetric dimethylarginine levels in the molsidomine treatment of experimental ischemia-reperfusion retinopathy**  
POLAT N., ÖZER M. A., PARLAKPINAR H., AKSUNGUR Z., ÖZHAN O., TÜRKÖZ Y.  
Medicine Science, vol.8, no.1, pp.1, 2019 (Peer-Reviewed Journal)
- VI. **The effects of endotracheal intubation via McGRATH Videolaryngoscope on intraocular pressure: A randomized clinical trial**  
ÖZKAN A. S., AKBAŞ S., POLAT N., YALIN M. R.  
Medicine Science International Medical Journal, vol.7, no.2, pp.364-268, 2018 (Peer-Reviewed Journal)
- VII. **Does Nitrous Oxide Affect The Corneal Endothelium? Prospective Randomised Study In Pediatric Patients**  
ÖZKAN A. S., AKBAŞ S., POLAT N., YALIN M. R.  
Anadolu Kliniği Tıp Bilimleri Dergisi, vol.23, no.1, pp.20-25, 2018 (Peer-Reviewed Journal)
- VIII. **Difficult airway management of a child with Blepharophimosis Syndrome: Case report**  
ÖZKAN A. S., POLAT N., AKBAŞ S., GENÇAY Z., DURMUŞ M.  
Journal of Turgut Ozal Medical Center, vol.25, no.1, pp.151-153, 2018 (Peer-Reviewed Journal)
- IX. **General anesthesia management in 15 preterm infant undergoing diode laser photocoagulation for retinopathy of prematurity: a retrospective study**  
ÖZKAN A. S., AKBAŞ S., POLAT N.

Medicine Science International Medical Journal, vol.7, no.1, pp.65-68, 2017 (Peer-Reviewed Journal)

- X. **Investigation of the Effect of Apocynin on Experimental Traumatic Cataract Model**  
Polat N., Özer M. A., Parlakpınar H., Vardı N., Gündüz A., Çolak C.  
Türkiye Klinikleri Journal of Ophthalmology, vol.26, no.4, pp.253-257, 2017 (Peer-Reviewed Journal)
- XI. **The effect of sevoflurane anesthesia on the corneal endothel**  
POLAT N., ÖZKAN A. S., GÜNDÜZ A., ULUCAN P. B., ÇOLAK C.  
Journal of Turgut Ozal Medical Center, vol.24, no.3, pp.261-264, 2017 (Peer-Reviewed Journal)
- XII. **DeneySEL Travmatik Katarakt Modelinde Aposinin Etkinliğinin Araştırılması**  
POLAT N., ÖZER M. A., PARLAKPINAR H.  
Türkiye Klinikleri Oftalmoloji Dergisi, 2017 (Peer-Reviewed Journal)
- XIII. **Anaesthetic management of a patient ivith sturge-weber syndrome; different approach to aincay management Sturge-Weber Sendromlu Pedyatrik Hastada Anestezi Yönetimi, Hava Yolu Yönetiminde Farkli Bir Yaklaşım**  
AKBAŞ S., ÖZKAN A. S., POLAT N., KADIOĞLU M., DURMUŞ M.  
Gogus-Kalp-Damar Anestezi ve Yogun Bakim Dernegi Dergisi, vol.22, no.3, pp.128-130, 2016 (Scopus)
- XIV. **Nontraumatic Descemet Membrane Detachment with Tear in Osteogenesis Imperfecta**  
POLAT N., Ulucan P. B.  
OPHTHALMOLOGY AND THERAPY, vol.4, no.1, pp.59-63, 2015 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **McGrath MAC, C-MAC ve Macintosh laringoskopların nonoftalmik hastalarda göz içi basınca etkilerinin karşılaştırılması: randomize klinik araştırma**  
ÖZKAN A. S., AKBAŞ S., KARAASLAN E., POLAT N.  
Türk Anesteziyoloji ve Reanimasyon Derneği 52.Ulusal Kongresi, Turkey, 7 - 11 November 2018
- II. **Comparison of the effects of direct laryngoscopic and fiberoptic oral endotracheal intubation on intraocular pressure**  
YILDIRIM S., ÖZKAN A. S., AKBAŞ S., POLAT N., MUTLU K., DURMUŞ M.  
Euroanesthesia 2017 (Avrupa Anesteziyoloji Kongresi), 3 - 05 June 2017
- III. **The effects of endotracheal intubation via Mc-Grath videolaryngoscope on intraocular pressure**  
ÖZKAN A. S., AKBAŞ S., POLAT N., YALIN M. R.  
Euroanesthesia 2017 (Avrupa Anesteziyoloji Kongresi), 3 - 05 June 2017
- IV. **Pedyatrik hastalarda N2Osevofluran ve O2sevofluran anestezişinin kornea endoteline etkilerinin karşılaştırılması**  
ÖZKAN A. S., AKBAŞ S., POLAT N., YALIN M. R.  
Göğüs Kalp Damar Anestezi ve Yoğun Bakım Derneği 23.Ulusal Kongresi, Turkey, 25 - 28 May 2017
- V. **Blefarofimozis sendromlu hastada anestezi yönetimi**  
ÖZKAN A. S., POLAT N., AKBAŞ S., GENÇAY Z., DURMUŞ M.  
Türk anesteziyoloji ve Reanimasyon Derneği 49.Ulusal Kongresi, Turkey, 2 - 06 December 2015
- VI. **Sturge-Weber sendromlu pediyatrik hastada anestezi yönetimi**  
AKBAŞ S., ÖZKAN A. S., POLAT N., KADIOĞLU M., DURMUŞ M.  
Türk anesteziyoloji ve Reanimasyon Derneği 49.Ulusal Kongresi, Turkey, 2 - 06 December 2015
- VII. **Konjenital kalp hastalığı olan pediyatrik hastanın non-kardiyak cerrahisinde anestezi yönetimi**  
ÖZKAN A. S., AKBAŞ S., POLAT N., KIRTEKE R., DURMUŞ M.  
Türk anesteziyoloji ve Reanimasyon Derneği 49.Ulusal Kongresi, Turkey, 2 - 06 December 2015
- VIII. **Parkinson hastasında FAKO ameliyatı deneyimimiz**  
ÖZKAN A. S., AYDOĞAN M. S., YÜCEL A., DURMUŞ M., POLAT N.  
Türk anesteziyoloji ve Reanimasyon Derneği 47.Ulusal Kongresi, Turkey, 20 - 24 November 2013

## Supported Projects

POLAT N., NAZLI GÜNTÜRKÜN P., Project Supported by Higher Education Institutions, Diyabetik maküla ödemi tedavisinde kullanılan intravitreal ilaç enjeksiyonları ve maküla eşikaltı SubTreshold lazerin koroid ve koryokapillaris tabakası üzerine etkilerinin karşılaştırılması, 2020 - 2022

POLAT N., Project Supported by Higher Education Institutions, TAVŞAN GÖZLERİNDE HİFEMA TEDAVİSİNDE BEVACİZUMAB KULLANIMININ ETKİLERİNİN ARAŞTIRILMASI, 2015 - 2017

## Metrics

Publication: 39

Citation (WoS): 76

Citation (Scopus): 80

H-Index (WoS): 5

H-Index (Scopus): 4

## Non Academic Experience

ÖZEL SEKTÖR

MARDİN DEVLET HASTANESİ

MARDİN MİDYAT DEVLET HASTANESİ