

Prof. Rifat Rasier, MD

Ophthalmology Anterior Segment and General Ophthalmology

Medical Interests

- Lasers
- Cataract and refractive surgery
- Cornea

Education

- Boğaziçi University, Istanbul, Turkey
 - PhD in Biomedical Engineering
- Boğaziçi University, Istanbul, Turkey
 - Master of Science in Biomedical Engineering
- Istanbul University Cerrahpaşa School of Medicine, Istanbul, Turkey
 - Doctorate of Medicine
- Istanbul Bilim University, Istanbul, Turkey
 - Residency in Ophthalmology

Experience

- Consilium Europaeum Ophthalmologiae Diploma in Ophthalmologia, FEBO
- The Western Eye Hospital, Imperial college, London, England
- Louisiana State University, School of Medicine, New Orleans, USA
- Städtisches Klinikum, Kemperhof Koblenz, Germany
- İstinye University, Istanbul, Turkey
 - Professor in Ophthalmology
- Istanbul Bilim University, Istanbul, Turkey
 - Associate Professor in Ophthalmology
- Istanbul Bilim University, Istanbul, Turkey
 - Assistant Professor in Ophthalmology
- Florence Nighthingale Hospital, Istanbul, Turkey

Honours and Prizes

- Best publication award, Turkish Journal Ophthalmology, 2010, Saydam korneal keside değişik dalga boylarına sahip kızıl altı laserler ile korneal doku kaynağı.
- Best publication award, Turkish Journal Ophthalmology, 2011, Regmatojen retina dekolmanına bağlı gelişen proliferatif vitreoretinopatide vitreus sıvısında VEGF ve IL-8 seviyeleri .
- JCI Turkey Ten Outstanding Young Person, Medicine and Medical invention first prize, 2010
- Ministry of Science, Industry and Technology, Teknogirisim Fund Support Project , 2010
- Prof.Dr.Necmi Tanyolac best Project- Thesis Award, 2017
- Best poster award Ablation of monofocal intraocular lenses with femtosecond laser, ESCRS, European Society Cataract Refractive Surgeon 2021



H-Index : 13

Languages:
English

Memberships

- Turkish Medical Association
- Turkish Ophthalmology Association
- Turkish American Ophthalmology Society

Publications

A. Uluslararası hakemli dergilerde yayımlanan makaleler :

A-1. Ozgur Artunay, Amber Senel, Alper Sengul, Rifat Rasier, Halil Bahcecioglu. Central serous chorioretinopathy associated with topical latanoprost therapy. Ocul Immunol Inflamm. 2011 Dec; 19(6):453-5

A-2. Ozgur Artunay, Erdal Yuzbasioglu, Rifat Rasier, Alper Sengul, Amber Senel ,Halil Bahcecioglu. Combination treatment with intravitreal injection of ranibizumab and reduced-fluence photodynamic therapy for choroidal neovascularization attributable to angioid streaks: 12- month results of a secondary to angioid streaks: preliminary clinical results of 12 month follow up. Retina 2011 Jul-Aug;31(7): 1279-86.

A-3. Ozgur Artunay, Erdal Yuzbasioglu, Mustafa Unal, Rifat Rasier, Alper Sengul, Halil Bahcecioglu. Bimatoprost 0.03% versus Brimonidine 0.2% in the prevention of the intraocular pressure spike following neodymium: YAG laser posterior capsulotomy. J Ocul Pharmacol Ther. 2010 Oct;26(5):513-7.

A-4. Rifat Rasier, Mediha Ozeren, Artunay Ozgur, Halil Bahcecioglu, Ismail Seckin, Hamit Kalaycioglu, Adnan Kurt, Alphan Sennaroglu, Murat Gulsoy. Corneal Tissue Welding With Infrared Laser Irradiation After Clear Corneal Incision. Cornea. 2010 Sep;29(9):985-90.

A-5. Rifat Rasier, Uzay Gormus, Artunay Ozgur, Erdal Yuzbasioglu, Murat Oncel, Halil Bahcecioglu. Vitreous Levels of VEGF, IL-8, and TNF- α in Retinal Detachment.Curr Eye Res. 2010 Jun;35(6):505-9.

A-6. Ozgur Artunay, Erdal Yuzbasioglu, Rifat Rasier, Alper Sengul, Halil Bahçecioğlu. Posterior reversible encephalopathy syndrome after intravitreal bevacizumab injection in patient with choroidal neovascular membrane secondary to age-related maculopathy.J Ocul Pharmacol Ther. 2010 Jun;26(3):301-3.

A-7. Artunay Ozgur, Yuzbasioglu E, Rasier R, Sengul A, Bahçecioğlu H. Intravitreal bevacizumab in treatment of idiopathic persistent central serous chorioretinopathy: a prospective, controlled clinical study.Current Eye Research 2010 Feb;35(2):91-8.

A-8. Artunay Ozgur, Yuzbasioglu E, Rasier R, Sengul A, Bahçecioğlu H. Intravitreal ranibizumab in the treatment of cystoid macular edema associated with retinitis pigmentosa. Journal of Ocular Pharmacology and Therapeutics 2009Dec;25(6):545-50.

A-9. Artunay Ozgur, Yuzbasioglu E, Rasier R, Sengul A, Bahçecioğlu H. Incidence and management of acute endophthalmitis after intravitreal bevacizumab (Avastin) injection.Eye 2009 Dec;23(12):2187-93.

A-10. Rasier Rifat, Artunay Ozgur, Yuzbasioglu E, Sengul A, Bahçecioğlu H. The effect of intravitreal bevacizumab (avastin) administration on systemic hypertension. Eye 2009 Aug;23(8):1714-8.

A-11. Yuzbasioglu E, Artunay Ozgur, Rasier R, Sengul A, Bahçecioğlu H. Simultaneous intravitreal and intracameral injection of bevacizumab (Avastin) in neovascular glaucoma. Journal of Ocular Pharmacology and Therapeutics 2009 Jun;25(3):259-64.

A-12. Artunay Ozgur, Rasier R, Yuzbasioglu E, Sengul A, Bahçecioğlu H. Intravitreal bevacizumab injection in patients with choroidal neovascularization due to choroid rupture after blunt-head trauma. International Ophthalmology. 2009 Aug;29(4):289-91.

A-13. Yuzbasioglu E, Artunay Ozgur, Rasier R, Sengul A, Bahçecioğlu H. Intravitreal bevacizumab (Avastin) injection in retinitis pigmentosa. Current Eye Research 2009 Mar;34(3):231-7.

- A-14. Artunay Ozgur, Yuzbasioglu E, Rasier R, Sengul A, Bahcecioglu H. Acute retinal arterial occlusion after intravenous administration of bevacizumab. *BMJ (British Medical Journal) Case Reports*. 2009 [online published.doi:10.1136/bcr.01.2009.1478]
- A-15. Bahçecioğlu H, Unal M, Artunay Ozgur, Rasier R, Sarici A. Posterior vitrectomy under topical anesthesia. *Canadian journal of Ophthalmology* 2007 Apr;42(2):272-7.
- A-16. Rasier Rifat, Artunay Ozgur, Uzay Görmüş, Yuzbasioglu Erdal, Sengul Alper, Kukner Amber Senel, Oncel Murat, Bahcecioglu Halil. Interleukin-8 and tumor necrosis factor- α levels in vitreous samples from patients with diabetic retinopathy. *International Eye Science* 2013 Dec;13:2365-2369
- A-17. Rifat Rasier, Amber Senel Kukner, Elvan Alper Sengul, Nazlı Gul Yalcın, Onur Temizsoylu, Halil Onder Bahcecioglu. The decrease in aqueous tear production associated with pepper spray. *Current Eye Research*, Early Online, 1-5, 2014. DOI: 10.3109/02713683.2014.930156
- A-18. Rifat Rasier, Murat Gülsoy. Amniotic membrane welded to contact lens by 1470-nm diode laser: A novel method for sutureless amniotic membrane transplantation. *International Journal Ophthalmology*. 2014; 7(6):917-921
- A-19. Sengul Alper, Artunay Ozgur, Turkseven Esra, Yenerel Melda, Rasier Rifat, Kockar Alev, Yuzbasioglu Erdal. Retinal nerve fiber layer thickness changes in age-related macular degeneration treated with multiple intravitreal ranibizumab. *Journal of Ocular Pharmacology and Therapeutics* 2016; 32(10):665- 670
- A-20. Sengul Alper, Rasier R, Ciftci C, Artunay O, Kockar A, Bahcecioglu H, Yuzbasioglu E. Short-Term Effects of Intravitreal Ranibizumab and Bevacizumab Administration on 24-hour Ambulatory Blood Pressure Monitoring Recordings in Normotensive Patients with Age- Related Macular Degeneration. *Eye (Lond.)* 2016; DOI:10.1038/eye.2016.305.
- A-21. Sengul Alper, Artunay Ozgur, Kockar Alev, Afacan Ceyda, Rasier Rifat, Gun Palmet, NYalcın Nazlı Gul, Yuzbasioglu Erdal. The correlation of neutrophil/lymphocyte and platelet/lymphocyte ratio with visual acuity and macular thickness in age-related macular degeneration. *Intertanional Journal of Ophthalmology* 2017; 10(5):754-759
- A-22. Sengul Alper, Artunay Ozgur, Rasier Rifat, Kockar Alev, Afacan Ceyda, Hance Veysel Sabri, Yuzbasioglu Erdal. Pharmacogenetic Aspect of Intravitreal Ranibizumab Treatment in Neovascular AgeRelated Macular Degeneration: A Five-Year FollowUp. *Ocular Immunology and Inflammation* 2017; May 4:1-7
- A-23. Sengul A, Rasier R, Kukner AS, Kockar A, Artunay O, Bahcecioglu H, Yuzbasioglu E. Incidence and surgical management of cataractogenic trauma to the crystalline lens during intravitreal injection. *Ret-vit* 2017;26(4):325-329.
- A-24. Uğurtay Ö, Şengül A, Koçkar A, Yüzbaşıoğlu E, Rasier R. Retinal nerve fiber levels in diabetic and hypertensive patients measurement by optical coherence tomography. *Ret-vit*. 2019;28(3):
- A-25. Erkoc-Biradli Fatma Zehra, Ozgun Alp, Öztürk-Öncel Meftune Özgen, Marcali Merve, Elbuken Caglar, Bulut Osman, Rasier Rifat, Garipcan Bora. Bioinspired hydrogel surfaces to augment corneal endothelial cell monolayer formation. *J Tissue Eng Regen Med*. 2021:1-12

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler :

B-1. Yuzbasioglu E, Artunay Özgür, Rasier R, Sengul A, Bahçecioğlu H. Corneal histeresis and central corneal thickness corelation in primer open angle glaucoma and ocular hypertension patients. World Ophthalmology Congress 2008 Hong-Kong, s:233

B-2. Yuzbasioglu E, Artunay Özgür, Rasier R, Sengul A, Bahçecioğlu H. Intraocular pressure measurement by ocular responce analyzer (ORA) and non-contact (NC) tonemeter in primer open aple glaucoma and ocular hypertension patients. World Ophthalmology Congress 2008 Hong-Kong, s:234

B-3. Artunay Ozgur, Arslan Gaffar, Yuzbasioglu Erdal, Sengul Alper, Rasier Rifat, Bahcecioglu Halil. Endoscopic dacryocystorhinostomy using t-tube. 9th congress of the international society of dacryology and dry eye. 16-18 May 2008 Istanbul, s:76

B-4. Artunay Ozgur, Arslan Gaffar, Yuzbasioglu Erdal, Sengul Alper, Rasier Rifat, Bahcecioglu Halil. Does topical antiglaucoma therapy create a tendency to nasolacrimal duct obstruction. 9th congress of the international society of dacryology and dry eye 16-18 May 2008 Istanbul, s:75

B-5. Artunay Ozgur, Amber Senel, Erdal Yuzbasioglu, Rifat Rasier, Alper Sengul, Halil Bahcecioglu.

Incidence and management of traumatic cataract secondary to intravitreal injection of anti-vegf agents.ESCRS Winter Meeting, Istanbul ,february 2011.

B-6. Artunay Ozgur, Amber Senel, Erdal Yuzbasioglu, Rifat Rasier, Alper Sengul, Halil Bahcecioglu.

Fixed combination of timolol 0.5%/bimatoprost 0.03% versus fixed combination brimonidine 0.2%/timolol 0.5% in the prevention of the intraocular pressure spike following neodymium: YAG laser posterior capsulotomy.ESCRS Winter Meeting, Istanbul ,february 2011.

B-7. Artunay Ozgur, Alper Sengul, Rifat Rasier. Response to intravitreal ranibizumab in the treatment of exudative age-related macular degeneration influenced by complement factor H (Y402H) polymorphism. 13th Euretina 26-29 September 2013 Hamburg, s:87

B-8. Artunay Ozgur, Rifat Rasier, Alper Sengul. Vascular endothelial growth factor (VEGFR-2 (KDR/Flk-1)) and fibroblast growth factor (FGF-9) levels in the vitreous of rats with streptozotocin-induced diabetes mellitus. 13th Euretina 26-29 September 2013 Hamburg, s:92

B-9. Alper Sengul, Rifat Rasier, Artunay Ozgur. Influence of flickering light on the retinal vessels in patients with subconjunctival hemorrhage. 14th Euretina 11-14 September 2014 London.

B-10. Sengul Alper, Rasier Rifat, Senel Amber, Yuzbasioglu Erdal, Artunay Ozgur, Bahcecioglu Halil. Incidence and surgical management of cataractogenic trauma to crystalline lens during intravitreal injection. 16th Euretina Congress. Copenhagen 2016.

B-11. Sengul Alper, Rasier R, Kockar A, Artunay Ozgur, Yuzbasioglu Erdal. Short-Term Effects of Intravitreal Ranibizumab and Bevacizumab Administration on 24-hour Ambulatory Blood Pressure Monitoring Recordings in Normotensive Patients with Age-Related Macular Degeneration. Oral Presentation. FLORETINA 2017; Floretina, s:25.

B-12. Rasier Rifat, Ersoy Tansu. Ablation of monofocal intraocular lenses with femtosecond laser, 25th ESCRS, European Society Cataract Refractive Surgeon Winter Meeting Virtual 2021

C. Ulusal hakemli dergilerde yayımlanan makaleler :

- C-1. Artunay Özgür, Rifat Rasier, Erdal Yüzbaşıoğlu, Alper Şengül, Halil Bahçecioğlu** Göz çevresi cilt bölgesine uygulanan topikal glukokortikoid tedavisi sonrası gelişen akut bilateral santral seröz koryoretinopati. *Türk Oftalmoloji Dergisi* 2010; 40(2):113-7.
- C-2. Artunay Özgür, Amber Şenel, Alper Şengül, Rifat Rasier, Erdal Yüzbaşıoğlu, Halil Bahçecioğlu.** Bietti kristalin fundus distrofisi ile retinitis pigmentosa birlikteliği. *Retina-Vitreus dergisi* 2011;19 :209-212
- C-3. Artunay Özgür, Erdal Yüzbaşıoğlu, Alper Şengül , Rifat Rasier, Halil Bahçecioğlu.** Stargardt hastalığı ve retinitis pigmentosa birlikteliği: ortak genetik mutasyon mu sorumlu? *Retina-Vitreus dergisi* 2011;19 :56-59
- C-4. Artunay Özgür, Alper Şengül, Erdal Yüzbaşıoğlu, Rifat Rasier, Halil Bahçecioğlu, Nilgün Güdücü.** Gebelik Sürecindeki Göz İçi Basınç Değişimleri. *Türk Oftalmoloji Dergisi* 2010; 40(2): 80-3
- C-5. Artunay Özgür, Rifat Rasier, Alper Şengül, Erdal Yüzbaşıoğlu, Halil Bahçecioğlu.** Refraktif Cerrahi Sonrası Gelişen Flep Ara Yüzey Sıvı Birikimi Nedeniyle Göz İçi Basınç Artışı Maskelenen Glokom Olgusu. *Glokom-Katarakt* 2010 5(2):114-116
- C-6. Alper Şengül, Artunay Özgür, Erdal Yüzbaşıoğlu, Rifat Rasier, Amber Şenel, Halil Bahçecioğlu.** Yaşa bağlı makula dejenerasyonuna ikincil gelişen koroid neovaskülarizasyonlarında intravitreal ranibizumab tedavi sonuçlarımız. *Retina-Vitreus dergisi* 2010;18 (2):143-148
- C-7. Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Rasier Rifat, Bahçecioğlu Halil.** Antiglokomatöz ilaç kullanımı ile nazolakrimal kanal tıkanıklığı ilişkisi. *Türkiye Klinikleri Oftalmoloji Dergisi* 2010;19(3):150-4
- C-8. Alper Şengül, Artunay Özgür, Erdal Yüzbaşıoğlu, Rifat Rasier, Amber Şenel, Halil Bahçecioğlu.** Yaşa bağlı makula dejenerasyonuna ikincil gelişen koroid neovaskülarizasyonunda intravitreal bevacizumab tedavi sonuçlarımız. *Retina-Vitreus* 2010;18:18-22.
- C-9. Rasier Rifat, Artunay Özgür, Erdal Yüzbaşıoğlu, Alper Şengül, Halil Bahçecioğlu.** Yaşa bağlı makula dejenerasyonu tedavisinde uygulanan intravitreal bevacizumab etkinliğinin değerlendirilmesinde tercihli yüksek keskinlik perimetresinin (PHP) yeri. *Türkiye Klinikleri Oftalmoloji Dergisi* 2009;18(3):156-165.
- C-10. Rasier Rifat, Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Bahçecioğlu Halil.** Yaşa bağlı makula dejenerasyonunun tanısında tercihli yüksek keskinlik perimetresinin amsler grid ile karşılaştırılması. *Türkiye Klinikleri Oftalmoloji Dergisi*.2009;18(1):36-41
- C-11. Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Rasier Rifat, Bahçecioğlu Halil.** Koroid yırtığına ikincil gelişen koroid neovaskularizasyonunda intravitreal bevacizumab uygulaması. *Retina-Vitreus* 2009;17(1):61-64.
- C-12. Rasier Rifat, Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Bahçecioğlu Halil.** Preferential Hyperacuity Perimetri (PHP) santral seröz koryoretinopatide yardımcı tanı ve takip yöntemi olabilir mi? *Retina-Vitreus* 2008;16:208-213.
- C-13. Yüzbaşıoğlu Erdal, Artunay Özgür, Öncel Banu, Rasier Rifat, Şengül Alper, Bahçecioğlu Halil.** Primer açık açılı glokomda kornea histerezi ve göz içi basıncı ilişkisi. *MN Oftalmoloji* 2008;15(2):85-89.
- C-14. Rasier Rifat, Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Bahçecioğlu Halil.** Neovasküler glokomlu olguda eş zamanlı intravitreal ve intrakameral bevacizumab uygulaması. *Glokom-Katarakt, Haziran* 2008; 3:135-138.

- C-15. Yüzbaşıoğlu Erdal, Artunay Özgür, Utine Canan Aslı, Rasier Rıfat, Şengül Alper, Bahçecioğlu Halil. Primer açık açılı glokom ve normal tansiyonlu glokomda korneal histerezis göz içi basıncı ilişkisi. *Glokom-Katarakt Dergisi* Mart 2008; 3:21-24.
- C-16. Rasier Rıfat, Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Bahçecioğlu Halil. Eğik disk sendromunda Heidelberg Retina Tomografisi ile optik disk görüntülenmesi. *Glokom-Katarakt Dergisi* Mart 2008; 3:33-36.
- C-17. Rasier Rıfat, Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Bahçecioğlu Halil. Senil makula dejenerasyonunun edinsel ve kişisel risk faktörleri ile ilişkisi. *Retina-vitreus aralık* 2007 15:273-275
- C-18. Artunay Özgür, Alper Şengül , Rıfat Rasier, Erdal Yüzbaşıoğlu, Halil Bahçecioğlu. Short and long term intraocular pressure alterations after intravitreal injection of Ranibizumab for the treatment of choroidal neovascularization secondary to age-related macular degeneration. *Glokom-Katarakt Dergisi* 2010;5:85-88.
- C-19. Artunay Özgür, Alper Şengül , Rıfat Rasier, Erdal Yüzbaşıoğlu, Halil Bahçecioğlu. Renal ve tiroid multiorgan kistlerinin de eşlik ettiği bilateral retinal kist olgusu. *Bakırköy tıp dergisi* 2011; 7 : 76-79
- C-20. Şenel Amber, Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Rasier Rıfat, Şengül Alper, Bahçecioğlu Halil. Göz bulgularıyla tanıya gidilen bir kabuki sendromu olgusu. *Türkiye Klinikleri Oftalmoloji Dergisi*.2012;21(2):117-118
- C-21. Rasier Rıfat, Şenel Amber, Artunay Özgür, Yüzbaşıoğlu Erdal, Şengül Alper, Bahçecioğlu Halil. İntravitreal injeksiyon sonrasında vitreus içinde gözlenen silikon yağı damlacıklı olgulara yaklaşımımız. *Türk Oftalmoloji Gazetesi* 2012; 42:454-457.
- C-22. Sengül Alper, Artunay Özgür, Kumral Türkseven Esra, Rasier Rıfat, Erçalık Yeşim, Dikmen Tükenmez Nejla, Elibol Savran Emine, Sevim Şahin. Herediter makülopati ile karışan unilateral akut idiyopatik makülopati olgusu. *Retina-vitreus*. 2014; 22:305-307
- C-23. Sengül Alper, Artunay Özgür, Kumral Türkseven Esra, Yenerel Melda, Rasier Rıfat, Erçalık Yeşim, Elibol Savran Emine, Dikmen Tükenmez Nejla, Sevim Şahin. Retina ven dal tıkanıklıklarının tedavisinde kullanılan tek doz intravitreal deksametazon implant uygulamalarımızın 6 aylık sonuçları. *Retina-vitreus* 2015; 23 (3): 219-223.
- C-24. Şengül Alper, Artunay Özgür, Kumral Esra Türkseven, Yenerel Melda, Rasier Rıfat, Yalçın Nazlı Gül, Yüzbaşıoğlu Erdal, Şengör Tomris. Santral retina ven tıkanıklarındaki makula ödemi tedavisinde deksametazon implant uygulamaları: altı aylık sonuçlar. *Türkiye Klinikleri J Ophthalmol*. 2016;25:30-5.
- C-25. Altun Cemile, Uzundemir Fatma, Ciftci Koray, Rasier Rıfat. Retina hastalıklarında fundus floresein anjiyografi testi üzerinden lazer uygulamasını destekleyen bilgisayar programının geliştirilmesi. *Retina-Vitreus* 2016;24:129-133.

Considerable Previous Cases

More than 1000 cataract and laser surgeries

