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Çalışma Konuları ve İlgili Alanları

Kalitsal Retina Hastalıkları ve Genetik, Diyabet ve Göz, Katarakt ve Komplasyonları, Prematüre Retinopatisi, Yaşa Bağlı Makula Hastalığı, Retina, Makula & Vitreus Hastalıkları ve Cerrahisi

Tıp Fakültesi

İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi

Yüksek Lisans

Boğaziçi Üniversitesi, Mühendislik Fakültesi, Biyomedikal Mühendisliği Enstitüsü

Fellowship

Lousiana State University Eye Center

İlgili Alanı, Çalışmaları & Klinik Araştırma Konuları

Dr. Murat Karaçorlu retina, makula ve vitreus hastalıkları ve cerrahisi konularında sayılı uzmanlardan birisi olarak kabul edilmektedir. Ülkemizde bu cerrahi türünün öncülerindedir. Vitreoretinal cerrahinin kurucularından Prof. Gholam Peyman'ın öğrencisi olan Dr. Karaçorlu gerek dünyada ve gerekse ülkemizde birçok ilke imza atmıştır. Makula deliği cerrahisinin Avrupa'da ilklerinden, ülkemizde ise ilk uygulayıcısıdır. Endoskopik vitrektomi konusunda henüz ticari cihazlar yok iken Prof. Yale Fisher ile olan çalışmaları sonrasında Baxter firmasının ilk prototip cihazları ile bu cerrahi yöntemini uygulamaya başlamıştır. Yine ILM cerrahisi, radyal retinotomiler, retina çivileri, keratoplasti ve rotatuar keratoplasti ile kombine retina cerrahileri konusundaki öncülerdendir. Travma cerrahisi konusunda önemli deneyime sahiptir. Vitreoretinal cerrahi

konusunda ülkemiz dışında canlı cerrahi uygulayan ilk cerrahdir. "Frankfurt Retina" toplantılarına konferansçı ve canlı cerrahi uygulayıcısı olarak çağırılmıştır. Yine Prof. Richard Stein konferansçısı olarak ülkemizden davet edilen tek konuşmacıdır.

Prof. Karaçorlu bu çalışmaları dışında ülkemizde prematüre retinopatisi kliniğini ilk kuran ve ülkemizde prematüre retinopatisini laserle tedavi eden ilk kişidir. İ.Ü.Cerrahpaşa Tıp Fakültesinde 1987 yılında Çocuk Hastalıkları ve Yenidoğan Uzmanı olan Prof. Dr. Yıldız Perk ile birlikte ilk prematüre muayenelerine aynı fakültenin Kadın-Doğum Anabilim Dalındaki bebek odasında başlamışlardır. Prematüre retinopatisi olan bebeklere önce krio tedavisini uygulayan Dr. Karaçorlu daha sonra tüm dünya ile birlikte bu bebeklere laser tedavisini uygulamaya başlamış ve başarı oranını arttırmıştır.

Prof. Karaçorlu'nun klinik çalışmalar yanında ülke oftalmolojisine idari ve eğitim açılarından da önemli katkıları olmuştur. Türk Oftalmoloji Derneğinin (TOD) halen uygulamayı sürdürdüğü toplantı formatı Dr. Karaçorlu tarafından 1997 yılında İstanbul Toplantısında başlatılmış ve paralel oturumlar, kurslar, hastane ve üniversiteler dışında modern toplantı salonlarında toplantıların yapılması, toplantı bütçelerinin belirlenmesi ve artırılması ve profesyonel şirketlerle çalışmalar ve bugünkü modern yapıya kavuşma gerçekleşmiştir. Dr. Karaçorlu TOD bünyesinde şube sekreterliği, merkez yönetim kurulu üyeliği ve cerrahi retina birim sekreterliği ve başkanlığı görevlerini de sürdürmüştür ve halen "TOD Cerrahi Retina Birimi Yürütme Kurulu" üyesidir.

2001 yılı Avrupa Oftalmoloji Kongresi (SOE) bilimsel program başkanlığını yapan Dr. Karaçorlu bu toplantı dışında birçok Avrupa Kongresinin organizasyon komitesinde görev almıştır.

Dr. Murat Karaçorlu , Doç.Dr. Serra Arf Karaçorlu ve Doç.Dr. Hakan Özdemir ile birlikte gerek ülkemizde ve gerekse Uluslararası alanda çok sayıda hekime "fotodinamik tedavi" konusunda teorik ve uygulamalı eğitimler vermiştir. Bu eğitimlere katılan hekim sayısı 1600'ü aşmaktadır. Eğitim verilen ülkeler Pakistan'dan, başlayarak, Suriye, Ürdün, İsrail, Mısır, Dubai, Kuveyt, Bulgaristan, Makedonya, Kosova ve Bosna-Hersek'e kadar uzanmaktadır.

Prof. Karaçorlu Uluslararası 17 oftalmoloji dergisinin "ad hoc" hakemliğini yapmaktadır. Acta Ophthalmologica dergisinin de Assosiyé Editör'lerindedir. Hakemliğini yaptığı dergiler arasında American Journal Ophthalmology (AJO), Investigative Ophthalmology & Visual Science, British Journal Ophthalmology (BJO), Ophthalmology, Retina, Graefe's Archives Ophthalmology, Eye gibi dergilerde bulunmaktadır.

Dr. Karacorlu halen yaşa bağlı makula dejeneresansı, prematüre retinopatisi tedavisi , retina damar hastalıkları, diabetik retinopati, herediter retina hastalıkları, doğumsal arka segment patolojilerinin longitüdünel seyirleri ve retina duyarlılığı konularındaki araştırmalarını sürdürmektedir.

Yayınlarından bazıları (PUBMED-SCI)

Hocaoglu M, Karacorlu M, Sayman Muslubas I, Ersoz MG, Arf S.Anatomical and functional outcomes following vitrectomy for advanced familial exudative vitreoretinopathy: a single surgeon's experience. (<https://www.ncbi.nlm.nih.gov/pubmed/27793819>) **Br J Ophthalmol.** 2016 Oct 28. [Epub ahead of print]

Sayman Muslubas I, Karacorlu M, Hocaoglu M, Arf S, Ozdemir H.Retinal and choroidal thickness in children with a history of retinopathy of prematurity and transscleral diode laser treatment. **Eur J Ophthalmol.** 2016 Jul 16 [Epub ahead of print]

Karacorlu M, Hocaoglu M, Sayman Muslubas I, Arf S.Long-term functional results following vitrectomy for advanced retinopathy of prematurity. (<https://www.ncbi.nlm.nih.gov/pubmed/27635064>) **Br J Ophthalmol.** 2016 Sep 15. [Epub ahead of print]

Sayman Muslubas I, Karacorlu M, Hocaoglu M, Arf S, Uysal O. <Subfoveal choroidal thickness change after pars plana vitrectomy in recent onset rhegmatogenous retinal detachment. (<https://www.ncbi.nlm.nih.gov/pubmed/27579730>) **Retina.** 2016 Jun 14. [Epub ahead of print]

Karacorlu M, Sayman Muslubas I, Hocaoglu M, Ozdemir H, Arf S, Uysal O.Long-term outcomes of radial optic neurotomy for management of optic disk pit maculopathy. (<https://www.ncbi.nlm.nih.gov/pubmed/27579729>) **Retina.** 2016 Jun 14. [Epub ahead of print]

Arf S, Hocaoglu M, Sayman Muslubas I, Karacorlu M. Efficacy of reduced-fluence photodynamic therapy for central serous chorioretinopathy associated with combined serous retinal detachment and fovea-involving pigment epithelial detachment. (<https://www.ncbi.nlm.nih.gov/pubmed/27392913>) **Int Ophthalmol.** 2016 Jul 8. [Epub ahead of print]

Sayman Muslubas I, Arf S, Hocaoglu M, Ozdemir H, Karacorlu M. Spontaneous regression of serous retinal detachment associated with circumscribed choroidal hemangioma after childbirth. (<https://www.ncbi.nlm.nih.gov/pubmed/26807496>) **Retin Cases Brief Rep.** 2016 Jan 20. [Epub ahead of print]

Hocaoglu M, Karacorlu M, Sayman Muslubas I, Arf S, Ozdemir H, Uysal O. Visual impairment in pseudoxanthoma elasticum: a survey of 53 patients from Turkey. (<https://www.ncbi.nlm.nih.gov/pubmed/27150937>) **Eur J Ophthalmol.** 2016 Aug 4;26(5):449-53.

Hocaoglu M, Karacorlu M, Muslubas IS, Ozdemir H, Arf S, Uysal O. Peripheral 360 Degree Retinotomy, Anterior Flap Retinectomy, and Radial Retinotomy in the Management of Complex Retinal Detachment. (<https://www.ncbi.nlm.nih.gov/pubmed/26685789>) **Am J Ophthalmol.** 2016 Mar;163:115-21

Hocaoglu M, Karacorlu M, Sayman Muslubas I, Ozdemir H, Arf S, Uysal O.Incidence and factors associated with complications of sutured and sutureless cataract surgery following pars plana vitrectomy at a tertiary referral centre in Turkey. **Br J Ophthalmol.** 2016 Sep;100(9):1206-10.

Muslubas IS, Karacorlu M, Hocaoglu M, Yamanel C, Arf S, Ozdemir H, Uysal O. Ultrasonography Findings in Eyes With Stage 5 Retinopathy of Prematurity. (<https://www.ncbi.nlm.nih.gov/pubmed/26599246>) **Ophthalmic Surg Lasers Imaging Retina.** 2015 Nov-Dec;46(10):1035-40.

Oray M, Tuncer S, Kir N, **Karacorlu M,** Tugal-Tutkun I. Optic neuritis and rapidly progressive necrotizing retinitis as the initial signs of subacute sclerosing panencephalitis: a case report with clinical and histopathologic findings. (<https://www.ncbi.nlm.nih.gov/pubmed/24522882>) **Int Ophthalmol.** 2014 Aug;34(4):983-7.

Bilguvar K, Tyagi NK, Ozkara C, Tuysuz B, Bakircioglu M, Choi M, Delil S, Caglayan AO, Baranoski JF, Erturk O, Yalcinkaya C, Karacorlu M, Dincer A, Johnson MH, Mane S, Chandra SS, Louvi A, Boggon TJ, Lifton RP, Horwich AL, Gunel M. Recessive loss of function of the neuronal ubiquitin hydrolase UCHL1 leads to early-onset progressive neurodegeneration. (<https://www.ncbi.nlm.nih.gov/pubmed/23359680>) **Proc Natl Acad Sci U S A.** 2013 Feb 26;110(9):3489-94.

Senturk F, Ozdemir H, Karacorlu M, Karacorlu SA, Uysal O. Retinal sensitivity improvement after intravitreal triamcinolone acetate injection for macular edema secondary to branch retinal vein occlusion. (<https://www.ncbi.nlm.nih.gov/pubmed/23275213>) **Indian J Ophthalmol.** 2013 Jan-Feb;61(1):3-7.

Ozdemir H, Karacorlu M, Karacorlu SA, Senturk F. Localized foveal detachment in a patient with central retinal artery occlusion with cilioretinal sparing. (<http://www.ncbi.nlm.nih.gov/pubmed/21786272>) **Eur J Ophthalmol.** 2012 May-Jun;22(3):492-4

Senturk F, Karacorlu M, Ozdemir H, Karacorlu SA, Uysal O. Microperimetric changes after photodynamic therapy for central serous chorioretinopathy. (<http://www.ncbi.nlm.nih.gov/pubmed/21168824>) **Am J Ophthalmol.** 2011 Feb;151(2):303-9.

Senturk F, Ozdemir H, Karacorlu M, Karacorlu SA, Uysal O. Microperimetric changes after intravitreal triamcinolone acetonide injection for macular edema due to central retinal vein occlusion. **Retina** 2010 30 (8); 1254-1261.

Ozdemir H, Karacorlu M, Senturk F, Karacorlu SA, Uysal O. Retinal sensitivity and fixation changes 1 year after triamcinolone acetonide assisted internal limiting membrane peeling for macular hole surgery - a MP-1 microperimetric study. (<http://www.ncbi.nlm.nih.gov/pubmed/20456250>) **Acta Ophthalmol.** 2010 Sep; 88(6):222-7

Ozdemir H, Karacorlu M, Senturk F, Karacorlu SA, Uysal O. Microperimetric changes after intravitreal bevacizumab injection for exudative age-related macular degeneration. (<http://www.ncbi.nlm.nih.gov/pubmed/20163371>) **Acta Ophthalmol.** 2010 Feb 16 [Epub ahead of print]

Karacorlu M, Ozdemir H, Senturk F, Karacorlu SA, Uysal O. Correlation of retinal sensitivity with visual acuity and macular thickness in eyes with idiopathic epimacular membrane. (<http://www.ncbi.nlm.nih.gov/pubmed/20041278>?

itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=1) **Int Ophthalmol.** 2010 Jun; 30(3): 285-90. Epub 2009 Dec 30.

Karacorlu M, Ozdemir H, Senturk F, Karacorlu SA, Uysal O. Macular function after intravitreal triamcinolone acetonide injection for diabetic macular oedema. **Acta Ophthalmol.** 2010 Aug ;88(5) :558-63

Ozdemir H, Karacorlu M, Karacorlu SA. Serous detachment of macula in cystoid macular edema associated with latanoprost. **Eur J Ophthalmol.** 2008 Nov-Dec;18(6) :1014-6.

Ozdemir H, Senturk F, Karacorlu M, Karacorlu SA, Uysal O. Macular sensitivity in eyes affected by central serous chorioretinopathy. **Eur J Ophthalmol.** 2008 Sep-Oct; 18(5) :799-804.

Karacorlu M, Ozdemir H, Senturk F, Karacorlu SA, Uysal O. Macular function by multifocal electroretinogram in diabetic macular edema after intravitreal triamcinolone acetonide injection. **Eur J Ophthalmol.** 2008; 18(4) :601-8.

Karacorlu M, Ozdemir H, Karacorlu SA. Focal detachment of fovea in patients with idiopathic epiretinal membrane. **Retinal Cases & Brief Reports.** 2007; 1:215-216.

Arnold J, Kelly S, Hunyor A Jr, Wilson D, Karacorlu M. (<http://www.ncbi.nlm.nih.gov/pubmed/18040261>? ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Diagnostic and therapeutic challenges. **Retina.** 2007 Oct; 27(8) :1142-7.

Karacorlu M, Karacorlu SA, Ozdemir H, Senturk F. (<http://www.ncbi.nlm.nih.gov/pubmed/18040239>? ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal triamcinolone acetonide for treatment of serous macular detachment in central retinal vein occlusion. **Retina.** 2007 Oct; 27(8) :1026-30.

Karacorlu SA, Karacorlu M, Ozdemir H, Burumcek E, Esgin H. (<http://www.ncbi.nlm.nih.gov/pubmed/17487546>? ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Optical coherence tomography in optic pit maculopathy. **Int Ophthalmol.** 2007 Oct; 27(5) :293-7. Epub 2007 May 9.

Karacorlu SA, Ozdemir H, Senturk F, Karacorlu M. (<http://www.ncbi.nlm.nih.gov/pubmed/16963847>? ordinalpos=4&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Optical coherence tomography after photodynamic therapy for patients with pathologic myopia. **Retina.** 2006 Sep; 26(7) :752-6.

Ozdemir H, Karacorlu SA, Senturk F, Karacorlu M, Uysal O. (<http://www.ncbi.nlm.nih.gov/pubmed/16936642>? ordinalpos=5&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Assessment of macular function by microperimetry in unilateral resolved central serous chorioretinopathy. **Eye.** 2008 Feb; 22(2) :204-8. Epub 2006 Aug 25.

Karacorlu S, Ozdemir H, Karacorlu M. (<http://www.ncbi.nlm.nih.gov/pubmed/16767390>? ordinalpos=6&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal triamcinolone acetonide in serpiginous choroiditis. **Jpn J Ophthalmol.** 2006 May-Jun; 50(3) :290-1.

Karacorlu M, Arf Karacorlu S, Ozdemir H. (<http://www.ncbi.nlm.nih.gov/pubmed/16761256>? ordinalpos=7&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal triamcinolone acetonide in Vogt-Koyanagi-Harada syndrome. **Eur J Ophthalmol.** 2006 May-Jun;

Karacorlu M, Ozdemir H, Karacorlu SA. ([http://www.ncbi.nlm.nih.gov/pubmed/16704718?](http://www.ncbi.nlm.nih.gov/pubmed/16704718?ordinalpos=8&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=8&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) The internal limiting membrane can represent the roof of the foveal pseudocyst in a traumatized eye. **Acta Ophthalmol Scand.** 2006 Jun; 84(3) :437-8.

Karacorlu M, Ozdemir H, Arf Karacorlu S. ([http://www.ncbi.nlm.nih.gov/pubmed/16703561?](http://www.ncbi.nlm.nih.gov/pubmed/16703561?ordinalpos=9&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=9&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)Optical coherence tomography findings in branch retinal artery occlusion. **Eur J Ophthalmol.** 2006 Mar-Apr;16(2):352-3.

Karacorlu SA, Karacorlu M, Ozdemir H, Sanisoglu H. ([http://www.ncbi.nlm.nih.gov/pubmed/16603969?](http://www.ncbi.nlm.nih.gov/pubmed/16603969?ordinalpos=10&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=10&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Indocyanine green angiographic findings in congenital grouped albinotic spots. **Retina.** 2006 Apr; 26(4) :470-2.

Ozdemir H, Karacorlu SA, Karacorlu M. ([http://www.ncbi.nlm.nih.gov/pubmed/16490515?](http://www.ncbi.nlm.nih.gov/pubmed/16490515?ordinalpos=11&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=11&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Early optical coherence tomography changes after photodynamic therapy in patients with age-related macular degeneration. **Am J Ophthalmol.** 2006 Mar; 141(3) :574-6.

Ozdemir H, Karacorlu S, Karacorlu M. ([http://www.ncbi.nlm.nih.gov/pubmed/16395151?](http://www.ncbi.nlm.nih.gov/pubmed/16395151?ordinalpos=12&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=12&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Optical coherence tomography findings in central retinal artery occlusion. **Retina.** 2006 Jan; 26(1) :10-2.

Karacorlu M, Ozdemir H, Karacorlu SA. ([http://www.ncbi.nlm.nih.gov/pubmed/16205564?](http://www.ncbi.nlm.nih.gov/pubmed/16205564?ordinalpos=13&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=13&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Resolution of serous macular detachment after intravitreal triamcinolone acetonide treatment of patients with branch retinal vein occlusion. **Retina.** 2005 Oct-Nov; 25(7) :856-60.

Ozdemir H, Karacorlu M, Karacorlu S. ([http://www.ncbi.nlm.nih.gov/pubmed/16188005?](http://www.ncbi.nlm.nih.gov/pubmed/16188005?ordinalpos=14&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=14&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Resolution of foveal pseudocyst after intravitreal triamcinolone acetonide. **Acta Ophthalmol Scand.** 2005 Oct; 83(5) :619-20.

Ozdemir H, Karacorlu M, Karacorlu S. ([http://www.ncbi.nlm.nih.gov/pubmed/16077350?](http://www.ncbi.nlm.nih.gov/pubmed/16077350?ordinalpos=15&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=15&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Serous macular detachment in central retinal vein occlusion. **Retina.** 2005 Jul-Aug; 25(5) :561-3.

Ozdemir H, Karacorlu M, Karacorlu SA. ([http://www.ncbi.nlm.nih.gov/pubmed/15992756?](http://www.ncbi.nlm.nih.gov/pubmed/15992756?ordinalpos=16&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=16&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)Regression of serous macular detachment after intravitreal triamcinolone acetonide in patients with diabetic macular edema. **Am J Ophthalmol.** 2005 Aug; 140(2) :251-5.

Ozdemir H, Mudun B, Karacorlu M, Karacorlu S. ([http://www.ncbi.nlm.nih.gov/pubmed/15805915?](http://www.ncbi.nlm.nih.gov/pubmed/15805915?ordinalpos=17&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=17&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Serous detachment of macula in Behçet disease. **Retina.** 2005 Apr-May; 25(3) :361-2.

Aras C, Ozdamar A, Ergin S, Ozturk R, Midilli K, Karacorlu M, Ozkan S.

([http://www.ncbi.nlm.nih.gov/pubmed/15802933?](http://www.ncbi.nlm.nih.gov/pubmed/15802933?ordinalpos=18&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=18&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)Failure to detect hepatitis B virus in vitreous by polymerase chain reaction. **Ophthalmologica.** 2005 Mar-Apr; 219(2) :93-6.

Ozdemir H, Karacorlu M, Karacorlu S. ([http://www.ncbi.nlm.nih.gov/pubmed/15799743?](http://www.ncbi.nlm.nih.gov/pubmed/15799743?ordinalpos=19&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=19&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal triamcinolone acetonide for treatment of cystoid macular oedema in patients with retinitis pigmentosa. **Acta Ophthalmol Scand.** 2005 Apr; 83(2) :248-51.

Ozdemir H, Karacorlu M, Karacorlu S. ([http://www.ncbi.nlm.nih.gov/pubmed/15756580?](http://www.ncbi.nlm.nih.gov/pubmed/15756580?ordinalpos=20&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=20&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)Intravitreal triamcinolone acetonide in sympathetic ophthalmia. **Graefes Arch Clin Exp Ophthalmol.** 2005 Jul; 243(7) :734-6. Epub 2005 Mar 9.

Karacorlu M, Ozdemir H, Arf Karacorlu S. ([http://www.ncbi.nlm.nih.gov/pubmed/15744526?](http://www.ncbi.nlm.nih.gov/pubmed/15744526?ordinalpos=21&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum)

ordinalpos=21&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Does intravitreal triamcinolone acetonide-assisted peeling of the internal limiting membrane effect the outcome of macular hole surgery? **Graefes Arch Clin Exp Ophthalmol.** 2005 Aug; 243(8) :754-7. Epub 2005 Mar 3.

Ozdemir H, Karacorlu M, Karacorlu S. (http://www.ncbi.nlm.nih.gov/pubmed/15715559?ordinalpos=22&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Serous macular detachment in diabetic cystoid macular oedema. **Acta Ophthalmol Scand.** 2005 Feb; 83(1) :63-6.

Ozdemir H, Karacorlu S, Karacorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/15689820?ordinalpos=23&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Postoperative subretinal fluid associated with cystoid macular edema following cataract surgery. **Retina.** 2005 Feb-Mar;25(2):223-5.

Karacorlu M, Ozdemir H, Karacorlu S, Alacali N, Mudun B, Burumcek E. (http://www.ncbi.nlm.nih.gov/pubmed/15309024?ordinalpos=24&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal triamcinolone as a primary therapy in diabetic macular oedema. **Eye.** 2005 Apr; 19(4) :382-6.

Karacorlu M, Karacorlu S, Ozdemir H. (http://www.ncbi.nlm.nih.gov/pubmed/15295679?ordinalpos=25&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Nonarteritic anterior ischemic optic neuropathy after photodynamic therapy for choroidal neovascularization. **Jpn J Ophthalmol.** 2004 Jul-Aug; 48(4) :424-6.

Karacorlu M, Karacorlu S, Ozdemir H. (http://www.ncbi.nlm.nih.gov/pubmed/15295678?ordinalpos=26&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Photodynamic therapy in patients with idiopathic choroidal neovascularization. **Jpn J Ophthalmol.** 2004 Jul-Aug; 48(4) :422-4.

Karacorlu M, Ozdemir H, Karacorlu S, Alacali N. (http://www.ncbi.nlm.nih.gov/pubmed/15290890?ordinalpos=27&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Regression of optic nerve head neovascularization in proliferative diabetic retinopathy after intravitreal triamcinolone. Regression of diabetic optic disc neovascularization after intravitreal triamcinolone. **Int Ophthalmol.** 2004 Mar; 25(2) :113-6.

Karacorlu M, Mudun B, Ozdemir H, Karacorlu SA, Burumcek E. (http://www.ncbi.nlm.nih.gov/pubmed/15289142?ordinalpos=28&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal triamcinolone acetate for the treatment of cystoid macular edema secondary to Behçet disease. **Am J Ophthalmol.** 2004 Aug; 138(2) :289-91.

Karacorlu M, Ozdemir H, Karacorlu S. (http://www.ncbi.nlm.nih.gov/pubmed/15097906?ordinalpos=29&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal triamcinolone acetate for the treatment of central retinal vein occlusion in young patients. **Retina.** 2004 Apr; 24(2) :324-7.

Ozdemir H, Karacorlu S, Karacorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/14700666?ordinalpos=30&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Optical coherence tomography findings in familial foveal retinoschisis. **Am J Ophthalmol.** 2004 Jan; 137(1) :179-81.

Karacorlu M, Ozdemir H, Karacorlu S. (http://www.ncbi.nlm.nih.gov/pubmed/14641270?ordinalpos=31&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal triamcinolone acetate for the treatment of chronic pseudophakic cystoid macular oedema. **Acta Ophthalmol Scand.** 2003 Dec;81(6):648-52.

Karacorlu M, Karacorlu S, Ozdemir H. (http://www.ncbi.nlm.nih.gov/pubmed/14636851?ordinalpos=32&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Photodynamic therapy with delayed light application for the treatment of bilateral subfoveal choroidal neovascularization in age-related macular degeneration. **Jpn J Ophthalmol.** 2003 Nov-Dec; 47(6) :595-8.

Ozdamar A, Aras C, Karacorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/12897581?ordinalpos=33&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Suprachoroidal seton implantation in refractory glaucoma: a novel surgical technique. **J Glaucoma.** 2003 Aug; 12(4) :354-9.

Mat C, Kalayciyan A, Arzuhal N, Demirkesen C, Karacorlu M, Tüzün Y. (http://www.ncbi.nlm.nih.gov/pubmed/12869158?ordinalpos=34&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Stiff skin syndrome: a case report. **Pediatr Dermatol.** 2003 Jul-Aug; 20(4) :339-41.

Karacorlu M, Karacorlu S, Ozdemir H. (http://www.ncbi.nlm.nih.gov/pubmed/12566021?ordinalpos=35&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Iatrogenic punctate chorioretinopathy after internal limiting membrane peeling. **Am J Ophthalmol.** 2003 Feb; 135(2) :178-82.

Aras C, Ozdamar A, Karacorlu M, Ozkan S. (http://www.ncbi.nlm.nih.gov/pubmed/12498511?ordinalpos=36&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Silicone oil in the surgical treatment of endophthalmitis associated with retinal detachment. **Int Ophthalmol.** 2001;24(3):147-50.

Aras C, Ozdamar A, Ozturk R, Karacorlu M, Ozkan S. (http://www.ncbi.nlm.nih.gov/pubmed/12207129?ordinalpos=37&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Intravitreal penetration of cefepime after systemic administration to humans. **Ophthalmologica.** 2002 Jul-Aug; 216(4):261-4.

Karacorlu M, Karacorlu S, Ozdemir H, Mat C. (http://www.ncbi.nlm.nih.gov/pubmed/12208247?ordinalpos=38&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Photodynamic therapy with verteporfin for choroidal neovascularization in patients with angioid streaks. **Am J Ophthalmol.** 2002 Sep; 134(3):360-6.

Türkmen C, Günday M, Karaçorlu M, Başaran B. (http://www.ncbi.nlm.nih.gov/pubmed/11469292?ordinalpos=39&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Effect of CO₂, Nd:YAG, and ArF excimer lasers on dentin morphology and pulp chamber temperature: an in vitro study. **J Endod.** 2000 Nov; 26(11):644-8.

Ozdamar A, Aras C, Ozturk R, Karacorlu M, Bahçecioglu H, Ozkan S. (http://www.ncbi.nlm.nih.gov/pubmed/11195739?ordinalpos=40&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Ocular penetration of cefepime following systemic administration in humans. **Ophthalmic Surg Lasers.** 2001 Jan-Feb; 32(1):25-9.

Aras C, Ozdamar A, Yolar M, Bahçecioglu H, Karacorlu M, Ozkan S. (http://www.ncbi.nlm.nih.gov/pubmed/11039445?ordinalpos=41&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Topical anesthesia in posterior vitrectomy. **Retina.** 2000; 20(5):566-7.

Aras C, Ozdamar A, Karacorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/10928674?ordinalpos=42&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Suprachoroidal hemorrhage during silicone oil removal in Marfan syndrome. **Ophthalmic Surg Lasers.** 2000 Jul-Aug; 31(4):337-9.

Aras C, Ozdamar A, Bahçecioglu H, Karacorlu M, Sener B, Ozkan S. (http://www.ncbi.nlm.nih.gov/pubmed/10832986?ordinalpos=43&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Decreased tear secretion after laser in situ keratomileusis for high myopia. **J Refract Surg.** 2000 May-Jun; 16(3):362-4.

Aras C, Ozdamar A, Karacorlu M, Sener B, Bahçecioglu H. (http://www.ncbi.nlm.nih.gov/pubmed/10743922?ordinalpos=44&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Retinal detachment following laser in situ keratomileusis. **Ophthalmic Surg Lasers.** 2000 Mar-Apr; 31(2):121-5.

Ozdamar A, Aras C, Karakas N, Sener B, Karacorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/10422856?ordinalpos=45&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Changes in tear flow and tear film stability after photorefractive keratectomy. **Cornea.** 1999 Jul; 18(4):437-9.

Gezer A, Sezen F, Serifoğlu I, Karaçorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/10230592?ordinalpos=46&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Management of retinopathy of prematurity with cryotherapy. **Eur J Ophthalmol.** 1999 Jan-Mar; 9(1):49-52.

Ozdamar A, Aras C, Ozturk R, Akin E, Karacorlu M, Ercikan C. (http://www.ncbi.nlm.nih.gov/pubmed/10213237?ordinalpos=47&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) In vitro antimicrobial activity of silicone oil against endophthalmitis-causing agents. **Retina.** 1999; 19(2):122-6.

Ozdamar A, Aras C, Sener B, Karaçorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/10090375?ordinalpos=48&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Corneal iron ring after hyperopic laser-assisted in situ keratomileusis. **Cornea.** 1999 Mar; 18(2):243-5.

Ozdamar A, Aras C, Sener B, Oncel M, Karacorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/9564702?ordinalpos=49&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Bilateral retinal detachment associated with giant retinal tear after laser-assisted in situ keratomileusis. **Retina.** 1998; 18(2):176-7.

Cakiner T, Karaçorlu MA. (http://www.ncbi.nlm.nih.gov/pubmed/9541444?ordinalpos=50&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Ophthalmic findings of newly diagnosed leprosy patients in Istanbul Leprosy Hospital, Turkey. **Acta**

Ophthalmol Scand. 1998 Feb; 76(1) :100-2.

Burumcek E, Mudun A, Karacorlu S, Arslan MO. (http://www.ncbi.nlm.nih.gov/pubmed/9111253?ordinalpos=51&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Laser photocoagulation for persistent central serous retinopathy: results of long-term follow-up. **Ophthalmology.** 1997 Apr; 104(4) :616-22.

Cakiner T, Yüksel A, Eğit AS, Çağrı C, Karaçorlu M, Kültür A. (http://www.ncbi.nlm.nih.gov/pubmed/9121331?ordinalpos=52&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) The extent of leprosy-related disabilities in Istanbul Leprosy Hospital, Turkey. **Lepr Rev.** 1997 Mar; 68(1) :43-9.

Durlu YK, Burumcek E, Devranoglu K, Mudun AB, Karacorlu S, Arslan MO. (http://www.ncbi.nlm.nih.gov/pubmed/9088414?ordinalpos=53&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Associated ocular findings in pericentral pigmentary retinopathy. **Acta Ophthalmol Scand.** 1997 Feb; 75(1) :101-3.

Gokbuget AY, Mutlu S, Scully C, Efeoglu A, Porter SR, Speight P, Erseven G, Karacorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/9049911?ordinalpos=54&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Amyloidaceous ulcerated gingival hyperplasia: a newly described entity related to ligneous conjunctivitis. **J Oral Pathol Med.** 1997 Feb; 26(2) :100-4.

Bahçecioglu H, Ozdamar A, Aktunç R, Aktunç T, Karaçorlu M, Erçikan C. (http://www.ncbi.nlm.nih.gov/pubmed/7553102?ordinalpos=55&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Simultaneous and sequential photorefractive keratectomy. **J Refract Surg.** 1995 May-Jun; 11(3 Suppl) :S261-2.

Dunlap WA, Karaçorlu M, Peyman GA, Nair MG, Rahimy M, Pedroza L. (http://www.ncbi.nlm.nih.gov/pubmed/8058262?ordinalpos=56&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Retinal toxicity of intravitreally injected faeriefungin. **Ophthalmic Surg.** 1994 May; 25(5) :303-6.

Bhatt N, Peyman GA, Karaçorlu M, Conway MD, Soike KF, El-Sayed S. The effect of hybrid recombinant human interferon alpha A/D on corneal vascularization in a rat eye model. **Saudi Journal of Ophthalmol.** 1994 ; 8(3) :128-130.

Conway MD, Peyman GA, Karaçorlu M, Bhatt N, Soike KF, Clark LC Jr, Hoffmann RE. (http://www.ncbi.nlm.nih.gov/pubmed/8132404?ordinalpos=57&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Perfluorooctylbromide (PFOB) as a vitreous substitute in non-human primates. **Int Ophthalmol.** 1993 Oct; 17(5) :259-64.

Bhatt N, Peyman GA, Karaçorlu M. (http://www.ncbi.nlm.nih.gov/pubmed/8132403?ordinalpos=58&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Scleral damage: comparison of standard and modified diathermy electrodes. **Int Ophthalmol.** 1993 Oct; 17(5) :255-8.

Iskeleli C, Karatum F, Karacorlu M, Baserer T. Corneal thickness in extended wear of gas permeable rigid and soft contact lenses. **Turk J Med Biol Res.** 1993 July; 4(3): 191-6.

Philipp MT, Aydintug MK, Bohm RP Jr, Cogswell FB, Dennis VA, Lanners HN, Lowrie RC Jr, Roberts ED, Conway MD, Karaçorlu M, Peyman GA, Gubler DJ, Johnson BJ, Piesman J, Gu Y. (http://www.ncbi.nlm.nih.gov/pubmed/8514412?ordinalpos=59&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Early and early disseminated phases of Lyme disease in the rhesus monkey: a model for infection in humans. **Infect Immun.** 1993 Jul; 61(7) :3047-59.

Karacorlu S, Burumcek E, Karacorlu M, Arslan O. (http://www.ncbi.nlm.nih.gov/pubmed/8484655?ordinalpos=60&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Treatment of diabetic macular edema: a comparison between argon and dye lasers. **Ann Ophthalmol.** 1993 Apr; 25(4) :138-41.

Karaçorlu MA, Peyman GA, Cruz SS. (http://www.ncbi.nlm.nih.gov/pubmed/8407121?ordinalpos=61&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Effect of contact diode laser on the cornea with and without absorbing dye. **Int Ophthalmol.** 1993 Apr; 17(2) :89-93.

Karacorlu MA, Peyman GA, Cruz SS, Dunlap WA, Bhatt N, Karacorlu S, Parry G. Effect of 21-Aminosteroid (Lazaroid) on the blood-retinal barrier in rats. **Afro-Asian J. Ophthalmol.** 1992 Dec; 11(3): 200-2.

Peyman GA, Conway MD, Karaçorlu M, Soike KF, Bhatt N, Clark LC Jr, Hoffmann RE. (http://www.ncbi.nlm.nih.gov/pubmed/1494435?ordinalpos=62&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Evaluation

of silicone gel as a long-term vitreous substitute in non-human primates. **Ophthalmic Surg.** 1992 Dec; 23(12):811-7.

Karaçorlu MA, Peyman GA, Cruz S, Soike KF. (http://www.ncbi.nlm.nih.gov/pubmed/1494441?ordinalpos=63&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Lack of toxicity of intravitreally administered interferon alpha-2a. **Ophthalmic Surg.** 1992 Dec; 23(12):833-5.

Cruz SA, Karaçorlu M, Peyman GA. (http://www.ncbi.nlm.nih.gov/pubmed/1452418?ordinalpos=64&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Retinal toxicity of intravitreal lazaroïd (21-aminosteroid U75412E). **Int Ophthalmol.** 1992 May; 16(3):153-7.

Karaçorlu S, Peyman GA, Karaçorlu M, Dunlap W, Soike KF. (http://www.ncbi.nlm.nih.gov/pubmed/1329170?ordinalpos=65&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Retinal toxicity of 6-methoxypurine arabinoside (ara-M). A new selective and potent inhibitor of varicella-zoster virus. **Retina.** 1992; 12(3):261-4.

Karaçorlu MA, Cakiner T, Sürel Z, Ersoy N, Saylan T, Sütlas M. (http://www.ncbi.nlm.nih.gov/pubmed/1870383?ordinalpos=66&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) The protective effects of methyl cellulose and conoid shields for lagophthalmos and corneal hypaesthesia in leprosy. **Lepr Rev.** 1991 Jun; 62(2):201-5.

Karaçorlu MA, Cakiner T, Saylan T. (http://www.ncbi.nlm.nih.gov/pubmed/1995040?ordinalpos=67&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Influence of untreated chronic plastic iridocyclitis on intraocular pressure in leprosy patients. **Br J Ophthalmol.** 1991 Feb; 75(2):120-2.

Karaçorlu MA, Cakiner T, Saylan T. (http://www.ncbi.nlm.nih.gov/pubmed/1995039?ordinalpos=68&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Korneal sensitivity and correlations between decreased sensitivity and anterior segment pathology in ocular leprosy. **Br J Ophthalmol.** 1991 Feb; 75(2):117-9.

Karaçorlu MA, Sürel Z, Cakiner T, Hanyaloğlu E, Saylan T, Mat C. (http://www.ncbi.nlm.nih.gov/pubmed/1991087?ordinalpos=69&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Pupil

cycle time and early autonomic involvement in ocular leprosy. **Br J Ophthalmol.** 1991 Jan; 75(1):45-8.

Erdemir M, Karaçorlu MA. The diagnostic value of EMC of the levator palpebralis muscle in myasthenia gravis. **Electroenceph. Clin. Neurophysiol.** 1987 May; 66(5):31.

Karaçorlu MA, Erdemir M. Electromyography of levator palpebralis muscle via the sulcus orbito-palpebralis. **Electroenceph. Clin. Neurophysiol.** 1987 May; 66(5):53.
