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Kişisel Bilgiler

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Eğitim Bilgileri

Tıpta Uzmanlık, Kocaeli Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Türkiye 2000 - 2004

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Tıpta Uzmanlık, Purpose: To compare the adherence of Staphylococcus epidermidis on AcrySof (Alcon) and poly(methyl methacrylate) (PMMA) intraocular lenses (IOLs) treated with vancomycin, teicoplanin, and cefuroxime. Setting: Kocaeli University, School of Medicine, Kocaeli, Turkey. Methods: The lenses were contaminated with S epidermidis solutions containing 10^8 colony-forming units. Intraocular lenses were placed in sterile triptic soy broth after being held in antibiotic solutions for 15 minutes. After that, sonication and vortex procedures were performed to remove all the attached bacteria that could not be removed by antibiotics. Ten microliters from each broth were taken and inoculated into sheep blood agar. The colonies were counted overnight. The statistical analyses were made using Mann-Whitney U and Kruskal-Wallis tests, and a P value less than 0.05 was considered statistically significant. Results: Regarding the inhibitory effect of antibiotics on bacterial adhesion, there was no statistically significant difference between AcrySof and PMMA lenses. In the cefuroxime group, the mean numbers of colony-forming units on AcrySof and PMMA lenses were 35.2 ± 6.94 and 30.8 ± 18.69 , respectively ($P > .05$). In the teicoplanin group, the mean number of colony-forming units on AcrySof lenses was 100.1 ± 20.97 and 70.6 ± 43.75 on the PMMA lenses. The adherence in the vancomycin group was 245 ± 273.74 colony-forming units for AcrySof lenses and 159.8 ± 101.94 for PMMA lenses ($P > .05$). Regarding the inhibitory effect of antibiotics, cefuroxime was the most effective, followed by teicoplanin and vancomycin, respectively. Overall, the mean numbers of colony-forming units on the lenses that were held in cefuroxime, teicoplanin, and vancomycin solutions were 33.0 ± 13.90 , 85.35 ± 36.66 , and 202.4 ± 205.74 , respectively ($P = .000$). Conclusions: The results suggest that cefuroxime, teicoplanin, and vancomycin significantly inhibit bacterial adherence to IOLs. The effect of cefuroxime on adherence inhibition was significantly higher than that of teicoplanin and vancomycin. Bacterial adherence is an important factor in bacterial virulence. Antibiotics, especially cefuroxime, can successfully inhibit bacterial adherence., Kocaeli Üniversitesi, 2004

Araştırma Alanları

Göz Hastalıkları ve Cerrahisi

Akademik Unvanlar / Görevler

Prof.Dr., Acıbadem Mehmet Ali Aydınlar Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2018 - Devam Ediyor
Doç.Dr., Kocaeli Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2005 - Devam Ediyor

Verdiği Dersler

Türk Oftalmoloji Derneği, Yüksek Lisans, 2021 - 2022

Jüri Üyelikleri

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Istanbul Okan University, Haziran, 2022

Tez Savunma (Doktora), Tez Savunma (Doktora), Gebze Technical University, Ocak, 2022

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Marmara University, Ocak, 2022

Tez Savunma (Tıpta Uzmanlık), Tez Savunma (Tıpta Uzmanlık), Kocaeli University, Haziran, 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **Quantitative analysis of preclinical ocular microvascular changes in Multisystemic Inflammatory Syndrome in Children (MIS-C) detected by optical coherence tomography angiography**
YILMAZ TUĞAN B., SÖNMEZ H. E., ATAY K., AKGÜN E. Z., ÖZKAN B., Karabas L.
EYE, 2022 (SCI-Expanded)
- II. **Evaluation of Meibomian Gland Loss and Ocular Surface Changes in Patients with Mild and Moderate-to-Severe Graves' Ophthalmopathy**
Meibomian gland loss in Graves' Ophthalmopathy
YILMAZ TUĞAN B., ÖZKAN B.
SEMINARS IN OPHTHALMOLOGY, cilt.37, sa.3, ss.271-276, 2022 (SCI-Expanded)
- III. **Recurrent Episodes with Serous Retinal Detachment and Anterior Uveitis in a Patient Using Nivolumab (Anti -PD-1 Antibody) Therapy: A case report and literature review**
YILMAZ TUĞAN B., ÖZKAN B., SÖNMEZ Ö.
SEMINARS IN OPHTHALMOLOGY, cilt.36, sa.8, ss.794-799, 2021 (SCI-Expanded)
- IV. **Optical coherence tomography measurements in patients with systemic hypertension**
Bursali O., ALTINTAS O., Agir A., YÜKSEL N., ÖZKAN B.
SCOTTISH MEDICAL JOURNAL, cilt.66, sa.3, ss.115-121, 2021 (SCI-Expanded)
- V. **Vitreous IL-8 and VEGF levels in diabetic macular edema with or without subretinal fluid**
Yenihayat F., ÖZKAN B., KASAP M., KARABAŞ V. L., Guezel N., Akpınar G., PİRHAN ŞAHİN D.
INTERNATIONAL OPHTHALMOLOGY, cilt.39, sa.4, ss.821-828, 2019 (SCI-Expanded)
- VI. **Effect of eye trauma on mental health and quality of life in children and adolescents.**
Karaman S., Ozkan B., Gok M., Karakaya I., Kara O., ALTINTAS O., ALTINTAŞ L.
International ophthalmology, cilt.37, sa.3, ss.539-544, 2017 (SCI-Expanded)
- VII. **Correlation of the measurements of optical coherence tomography and diffuse tension imaging of optic pathways in amblyopia**
ALTINTAS O., Gumustas S., Cinik R., ANIK Y., Ozkan B., KARABAŞ V. L.
INTERNATIONAL OPHTHALMOLOGY, cilt.37, sa.1, ss.85-93, 2017 (SCI-Expanded)
- VIII. **Comparison of hyperbaric oxygen versus iloprost treatment in an experimental rat central retinal artery occlusion model**
Karaman S., Ozkan B., YAZIR Y., Yardimoglu M., Gok M., Kara O., VURAL Ç., FURAT RENÇBER S. H., Emek S. K.
GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY, cilt.254, sa.11, ss.2209-2215, 2016 (SCI-Expanded)
- IX. **Reply re: "Quantitive Assessment of Optic Nerve with Diffusion Tensor Imaging in Patients with Thyroid Orbitopathy"**

- Ozkan B., ANIK Y., Katre B., Altintas O., Gencturk M., YÜKSEL N.
OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY, cilt.31, sa.6, ss.486-487, 2015 (SCI-Expanded)
- X. **Quantitative Assessment of Optic Nerve With Diffusion Tensor Imaging in Patients With Thyroid Orbitopathy**
Ozkan B., ANIK Y., Katre B., Altintas O., Gencturk M., YÜKSEL N.
OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY, cilt.31, sa.5, ss.391-395, 2015 (SCI-Expanded)
- XI. **Comparison of Two Anesthetic Methods for Intravitreal Ozurdex Injection**
KARABAŞ V. L., Ozkan B., Kocer C. A., Altintas O., PİRHAN ŞAHİN D., YÜKSEL N.
JOURNAL OF OPHTHALMOLOGY, cilt.2015, 2015 (SCI-Expanded)
- XII. **Comparison of the effects of subconjunctival and topical anti-VEGF therapy (bevacizumab) on experimental corneal neovascularization.**
Ozdemir O., Altintas O., ALTINTAŞ L., Ozkan B., Akdag C., YÜKSEL N.
Arquivos brasileiros de oftalmologia, cilt.77, sa.4, ss.209-13, 2014 (SCI-Expanded)
- XIII. **Plasma antiphospholipid antibody levels in age-related macular degeneration**
Ozkan B., KARABAŞ V. L., Altintas O., Tamer G. S., YÜKSEL N., Caglar Y.
CANADIAN JOURNAL OF OPHTHALMOLOGY-JOURNAL CANADIEN D OPHTALMOLOGIE, cilt.47, sa.3, ss.264-268, 2012 (SCI-Expanded)
- XIV. **Pattern of open eye injuries in northwest Turkey: a retrospective study.**
ALTINTAŞ L., Altintas O., YÜKSEL N., PİRHAN ŞAHİN D., Ozkan B., Caglar Y.
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, cilt.17, sa.4, ss.334-9, 2011 (SCI-Expanded)
- XV. **Discriminating ability of optical coherence tomography data in staging glaucomatous damage**
YÜKSEL N., Altintas O., Ozkan B., Karadag S., Caglar Y.
CANADIAN JOURNAL OF OPHTHALMOLOGY-JOURNAL CANADIEN D OPHTALMOLOGIE, cilt.44, sa.3, ss.297-302, 2009 (SCI-Expanded)
- XVI. **Why do patients with improved visual acuity drop out of RGP contact lens use? Ten-year follow-up results in patients with scarred corneas.**
Ozkan B., Elibol O., Yuksel N., Altintas O., Karabas L., Caglar Y.
European journal of ophthalmology, cilt.19, sa.3, ss.343-7, 2009 (SCI-Expanded)
- XVII. **Correlation between retinal morphological and functional findings and clinical severity in Parkinson's disease**
Altintas O., Iseri P., Orzkan B., Caglar Y.
DOCUMENTA OPHTHALMOLOGICA, cilt.116, sa.2, ss.137-146, 2008 (SCI-Expanded)
- XVIII. **The effect of caffeine on retrobulbar hemodynamics**
Oezkan B., Yueksel N., ANIK Y., Altintas O., Demirci A., Caglar Y.
CURRENT EYE RESEARCH, cilt.33, sa.9, ss.804-809, 2008 (SCI-Expanded)
- XIX. **Efficacy of skin cooling and EMLA cream application for pain relief of periocular botulinum toxin injection**
Elibol O., Ozkan B., Hekimhan P. K., Caglar Y.
OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY, cilt.23, sa.2, ss.130-133, 2007 (SCI-Expanded)
- XX. **Effect of vancomycin, teicoplanin, and cefuroxime on Staphylococcus epidermidis adherence to intraocular lenses**
Ozkan B., Karabas V., Gundes S., Altintas O., Etiler N., Caglar Y.
JOURNAL OF CATARACT AND REFRACTIVE SURGERY, cilt.31, sa.9, ss.1814-1820, 2005 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Evaluation of Corneal Langerhans Cells in Patients with Thyroid Ophthalmopathy by Using an in vivo Confocal Microscopy**
YILMAZ TUĞAN B., ÖZKAN B., AKDAĞ KOÇER Ç.

TOD 2020 SANAL ULUSAL KONGRESİ VE CANLI CERRAHİ BİLEŞİK TOPLANTISI, Türkiye, 9 - 13 Aralık 2020

- II. **Toksoplazma Koryoretinitine Bağlı Geniş Seröz Makula Dekolmanı: Olgu Sunumu**
YILMAZ TUĞAN B., KARABAŞ V. L., ÖZKAN B.
TOD 53. ULUSAL KONGRESİ, Türkiye, 6 - 10 Kasım 2019
- III. **Correlation of Visual Recovery and Increased IS/OS Reflectivity After Successful Macular Hole Surgery**
YILMAZ TUĞAN B., KARABAŞ V. L., YENİHAYAT F., SUBAŞI S., KESİM E., ÖZKAN B.
TOD 53. ULUSAL KONGRESİ, Türkiye, 6 - 10 Kasım 2019
- IV. **Diyabetik makula ödeminde subretinal ve kist içi reflektivitenin vitreus sitokin düzeyleri ile ilişkisi**
yenihayat f., ÖZKAN B., KASAP M., güzel n., KARABAŞ V. L., PİRHAN D., YÜKSEL N.
Türk Oftalmoloji Derneği 50. ULUSAL KONGRESİ, Türkiye, 9 - 13 Kasım 2016
- V. **Wyburn Mason Sendromu**
PİRHAN D., GÜMÜŞTAŞ S., Karaman S., TAŞ M. M., ÖZKAN B.
Türk Oftalmoloji Derneği 49. Ulusal Kongresi, İstanbul, Türkiye, 4 - 08 Kasım 2015
- VI. **ADJUSTABLE SUTURES IN CHILDREN**
YILMAZ B., ALTINTAŞ Ö., TOPRAK M., PİRHAN D., ÖZKAN B.
37th MEETING OF THE EUROPEAN STRABISMOLOGICAL ASSOCIATION, İtalya, 1 - 04 Ekim 2015
- VII. **In vivo confocal microscopy evaluation of corneal Langerhans cells in Graves orbitopathy**
ALTINTAŞ Ö., ÖZKAN B., Akdağ Ç., YÜKSEL N., Karabaş V. L.
XXXIII Congress of the ESCRS, Barselona, İspanya, 5 - 09 Eylül 2015
- VIII. **Hareketli prefoveal vitreus kisti.**
KARABAŞ V. L., ÖZKAN B., ÇELİK M., YÜKSEL N., ETUŞ H., CAGLAR Y.
TOD 39. ULUSAL KONGRESİ, Türkiye, 17 - 21 Eylül 2005
- IX. **Hidrosefalinin eşlik etmesine göre konjenital nöral tüp kapanma defekti olan pediatrik olgularda retina morfolojisi ve fonksiyonlarının korelasyonu.**
ETUŞ H., ALTINTAŞ Ö., İŞERİ P., ETUŞ V., ÖZKAN B., CAGLAR Y.
TOD 39. ULUSAL KONGRESİ, Türkiye, 17 - 21 Eylül 2005
- X. **Diyabetik Hastalarda Fako-Vitrektomi Sonuçları (Bu bildiri makale olarak yayınlanmıştır-YÖK ID No: 4240041-Eser No: D3)**
ETUŞ H., KARABAŞ V. L., ÖZKAN B., ALTINTAŞ Ö., YÜKSEL N., CAGLAR Y.
TOD 39. ULUSAL OFTALMOLOJİ KONGRESİ, Türkiye, 17 - 21 Eylül 2005

Bilimsel Kuruluşlardaki Üyelikler / Görevler

TOD Vitreoretinal Cerrahi Birimi, Üye, 2018 - Devam Ediyor , Türkiye
Türk Oftalmoloji Derneği, Üye, 2000 - Devam Ediyor , Türkiye

Bilimsel Hakemlikler

EXPERIMENTAL EYE RESEARCH, SCI Kapsamındaki Dergi, Mayıs 2022
FRONTIERS IN PHARMACOLOGY, SSCI Kapsamındaki Dergi, Ekim 2021
EUROPEAN JOURNAL OF OPHTHALMOLOGY, SSCI Kapsamındaki Dergi, Eylül 2021
RETİNA-VİTREUS, Hakemli Bilimsel Dergi, Ocak 2021

Metrikler

Yayın: 44

Atf (WoS): 438

Atıf (Scopus): 504

H-İndeks (WoS): 9

H-İndeks (Scopus): 10

Kongre ve Sempozyum Katılımı Faaliyetleri

TOD Mart Sempozyumu, Davetli Konuşmacı, Trabzon, Türkiye, 2022

TOD Sanal 5. Canlı Cerrahi Sempozyumu, Davetli Konuşmacı, Ankara, Türkiye, 2022

55. TOD Ulusal Kongresi, Davetli Konuşmacı, Antalya, Türkiye, 2021