

Prof. NECAT ALATAŞ

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ScopusID: 8527347300

Yoksis Researcher ID: 292095

Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, Turkey 1996 - 2000

Undergraduate, Dokuz Eylül University, Tıp Fakültesi, Tıp Pr., Turkey 1985 - 1991

Academic Titles / Tasks

Professor, Usak University, TIP FAKÜLTESİ, CERRAHİ TIP BİLİMLERİ BÖLÜMÜ, 2018 - Continues

Associate Professor, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, Konya Eğitim Ve Araştırma Hastanesi, 2010 - 2018

Expert, Diğer (Kurumlar,hastaneler Vb.), Kurumlar, Sağlık Bakanlığı, 2009 - 2010

Baskent University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2006 - 2009

Harran University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2002 - 2006

Lecturer, Harran University, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2000 - 2002

Academic and Administrative Experience

Usak University, 2022 - Continues

Usak University, 2018 - 2021

Usak University, 2018 - 2021

Courses

FARİNK ANATOMİ, FİZYOLOJİ, SEMPTOM, MUAYENE, Undergraduate, 2020 - 2021, 2019 - 2020

LARENKS ANATOMİ, FİZYOLOJİ, SEMPTOM VE MUAYENE, Undergraduate, 2020 - 2021, 2019 - 2020

oral kavite ve farinks enfeksiyonları, Undergraduate, 2020 - 2021

tükrük bezi hastalıkları, Undergraduate, 2020 - 2021

konuşma ve artikülasyon bozuklukları, Undergraduate, 2020 - 2021

gastroözofagial reflü hastalığı, Undergraduate, 2020 - 2021

burun ve paranasal sinüs kitleleri, Undergraduate, 2020 - 2021

oral kavitenin benign lezyonları, Undergraduate, 2020 - 2021

BAŞ VE BOYUN MUIAYENESİ, Undergraduate, 2019 - 2020

Advising Theses

- NECAT A., Nazal septum deviasyonunun total oksidan status (TOS) ve total antioksidan status (TAS) üzerine etkisi, Expertise In Medicine, M.KILINÇ(Student), 2017
- NECAT A., Antrokoanal polip etiyopatogenesinde human papillomavirüs (HPV) ve epstein-barr virüs' ün rolü, Expertise In Medicine, E.YILMAZ(Student), 2017
- NECAT A., Halitozis tedavisinde radyofrekans kriptomolizisin etkinliği, Expertise In Medicine, N.ATA(Student), 2012
- NECAT A., Üst solunum yollarındaki obstrüktif patolojilerde cerrahi tedavinin serum total antioksidan aktivite ve vitamin C düzeylerine etkisi, Expertise In Medicine, A.YETKİN(Student), 2005
- NECAT A., Sensitize edilmemiş deney hayvanı modelinde prick testte kullanılan allerjenlere üst solunum yollarındaki eozinofilik inflamatuvar yanıtın araştırılması, Expertise In Medicine, F.YILDIRIM(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Relationship of Ankyloglossia With Gender in Children and the Ideal Timing of Surgery in Ankyloglossia**
Ata N., ALATAŞ N., Yılmaz E., Adam A. B., Gezgin B.
Ear, Nose and Throat Journal, vol.100, no.3, 2021 (SCI-Expanded)
- II. **Effect of Hypertonic Saline during Flexible Nasopharyngeal Laryngoscopy: A Double-Blinded, Randomized, Controlled Trial**
Onal M., Keles B., Erdur O., ALATAŞ N., Onal O.
Journal of Investigative Surgery, vol.34, no.11, pp.1264-1269, 2021 (SCI-Expanded)
- III. **Effect of video-assisted information prior to intratympanic steroid injection on patient anxiety**
Ata N., ALATAŞ N., Güllüev M., Yılmaz E.
American Journal of Otolaryngology - Head and Neck Medicine and Surgery, vol.41, no.6, 2020 (SCI-Expanded)
- IV. **Is the C-reactive protein/albumin ratio a prognostic and predictive factor in sudden hearing loss? A relação proteína C-reativa/albumina é um fator prognóstico e preditivo na surdez súbita?**
Öçal R., Akın Öçal F. C., Güllüev M., ALATAŞ N.
Brazilian Journal of Otorhinolaryngology, vol.86, no.2, pp.180-184, 2020 (SCI-Expanded)
- V. **Newborn hearing screening results of refugees living in our city and the factors affecting the results**
Yücel A., ALATAŞ N., Yücel H., Güllüev M., Özsoz E., Uğur C.
International Journal of Pediatric Otorhinolaryngology, vol.123, pp.187-190, 2019 (SCI-Expanded)
- VI. **Investigation of Human Papillomavirus (HPV) and Epstein-Barr Virus (EBV) in antrochoanal polyps**
Yılmaz E., ALATAŞ N., UÇAR F., Cora T., BURUK C. K., Unlu Y.
American Journal of Otolaryngology - Head and Neck Medicine and Surgery, vol.40, no.3, pp.389-392, 2019 (SCI-Expanded)
- VII. **Accuracy of identifying the cricothyroid membrane in children using palpation**
Basaran B., Egilmez A. I., ALATAŞ N., Yilbas A. A., Sargin M.
Journal of Anesthesia, vol.32, no.5, pp.768-773, 2018 (SCI-Expanded)
- VIII. **Transnasal endoscopic removal of a knife causing penetrating brain injury in a child**
Yücel A., Yücel H., Güllüev M., ALATAŞ N.
Journal of Craniofacial Surgery, vol.29, no.7, 2018 (SCI-Expanded)
- IX. **Sphenoethmoid cell: The battle for places inside of the nose between a posterior ethmoid cell and sphenoid sinus: 3D-volumetric quantification**
Senturk M., Guler I., Azgin I., Sakarya E. U., Ocal R., Agirgol B., ALATAŞ N., Tolu I., Kilinc M.
Current Medical Imaging Reviews, vol.13, no.4, pp.478-483, 2017 (SCI-Expanded)
- X. **The role of Onodi cells in sphenoiditis: results of multiplanar reconstruction of computed tomography scanning Papel das células de Onodi na esfenoidite: resultados da tomografia computadorizada com reconstrução multiplanar**
Senturk M., Guler I., Azgin I., Sakarya E. U., Ovet G., ALATAŞ N., Tolu I., Erdur O.

Brazilian Journal of Otorhinolaryngology, vol.83, no.1, pp.88-93, 2017 (SCI-Expanded)

- XI. **Pediatric type 1 cartilage tympanoplasty: Comparison between graft success rates and hearing results in adults**
Övet G., ALATAŞ N., Şentürk M., Güzelkara F.
Journal of International Advanced Otolaryngology, vol.12, no.3, pp.257-260, 2016 (SCI-Expanded)
- XII. **The role of the mean platelet volume and neutrophil-to-lymphocyte ratio in peritonsillar abscesses**
papel do volume plaquetário médio e a relação neutrófilos/linfócitos em abscesso periamigdaliano
Şentürk M., Azgın İ., Övet G., ALATAŞ N., Ağırçöl B., Yılmaz E.
Brazilian Journal of Otorhinolaryngology, vol.82, no.6, pp.662-667, 2016 (SCI-Expanded)
- XIII. **Sudden Pediatric Hearing Loss: Comparing the Results of Combined Treatment (Intratympanic Dexamethasone and Systemic Steroids) With Systemic Steroid Treatment Alone**
Övet G., ALATAŞ N., Güzelkara F.
OTOLOGY & NEUROTOLOGY, vol.37, no.6, pp.742-747, 2016 (SCI-Expanded)
- XIV. **Vallecular Cyst Causing Dysphagia and Stridor**
Erdur Ö., Ağırçöl B., ALATAŞ N., Ata N.
JOURNAL OF CRANIOFACIAL SURGERY, vol.26, no.7, 2015 (SCI-Expanded)
- XV. **External Auditory Canal Osteoma With Cholesteatoma and Sinus Thrombosis**
Ata N., Övet G., ALATAŞ N., Görgülü M., Koc E.
JOURNAL OF CRANIOFACIAL SURGERY, vol.26, no.7, pp.2234-2235, 2015 (SCI-Expanded)
- XVI. **Sudden sensorineural hearing loss: Is antiviral treatment really necessary?**
Övet G., ALATAŞ N., Kocacan F. N., Gürcüoğlu S. S., Görgülü H., Güzelkara F., Övet H.
American Journal of Otolaryngology - Head and Neck Medicine and Surgery, vol.36, no.4, pp.542-546, 2015 (SCI-Expanded)
- XVII. **Effectiveness of radiofrequency cryptolysis for the treatment of halitosis due to caseums**
Ata N., Övet G., ALATAŞ N.
American Journal of Otolaryngology - Head and Neck Medicine and Surgery, vol.35, no.2, pp.93-98, 2014 (SCI-Expanded)
- XVIII. **Tularemia during pregnancy**
Ata N., Kiliç S., Övet G., ALATAŞ N., Çelebi B.
Infection, vol.41, no.4, pp.753-756, 2013 (SCI-Expanded)
- XIX. **Clinical manifestations of 16 oropharyngeal tularemia patients: Experience of a referral hospital in the city of Konya, Turkey**
Tezer M. S., Övet G., ALATAŞ N., Görgülü M. H., Koç E., ÖZTÜRK M. A.
Turkish Journal of Medical Sciences, vol.43, no.2, pp.227-231, 2013 (SCI-Expanded)
- XX. **The hemostatic efficacy of Ankaferd Blood Stopper in adenoidectomy**
İyinen I., Bozkus F., San I., ALATAŞ N.
International Journal of Pediatric Otorhinolaryngology, vol.75, no.10, pp.1292-1295, 2011 (SCI-Expanded)
- XXI. **Use of intratympanic dexamethasone for the therapy of low frequency hearing loss**
ALATAŞ N.
European Archives of Oto-Rhino-Laryngology, vol.266, no.8, pp.1205-1212, 2009 (SCI-Expanded)
- XXII. **Partial neuromuscular blockage levels with mivacurium during mastoidectomy allows intraoperative facial nerve monitoring**
Cengiz M., Ganıdaglı S., ALATAŞ N., San I., Baysal Z.
ORL, vol.70, no.4, pp.236-241, 2008 (SCI-Expanded)
- XXIII. **Proliferating active cells, lymphocyte subsets, and dendritic cells in recurrent tonsillitis: Their effect on hypertrophy**
ALATAŞ N., Baba F.
Archives of Otolaryngology - Head and Neck Surgery, vol.134, no.5, pp.477-483, 2008 (SCI-Expanded)
- XXIV. **GJB2 and mitochondrial A1555G gene mutations in nonsyndromic profound hearing loss and carrier frequencies in healthy individuals**
Baysal E., Bayazıt Y., CEYLANER S., ALATAŞ N., Donmez B., CEYLANER G., San I., Korkmaz B., Yılmaz A., Menevse A.,

et al.

Journal of Genetics, vol.87, no.1, pp.53-57, 2008 (SCI-Expanded)

- XXV. **Nasal polyp diseases in allergic and nonallergic patients and steroid therapy**
ALATAŞ N., Baba F., San I., Kurcer Z.
Otolaryngology - Head and Neck Surgery, vol.135, no.2, pp.236-242, 2006 (SCI-Expanded)
- XXVI. **A mean red blood cell volume loss in tonsillectomy, adenoidectomy and adenotonsillectomy**
ALATAŞ N., San I., Cengiz M., Iynen I., Yetkin A., Korkmaz B., Kar M.
International Journal of Pediatric Otorhinolaryngology, vol.70, no.5, pp.835-841, 2006 (SCI-Expanded)
- XXVII. **Audiological findings in patients with ankylosing spondylitis**
ALATAŞ N., Yazgan P., Öztürk A., San I., Iynen I.
Journal of Laryngology and Otology, vol.119, no.7, pp.534-539, 2005 (SCI-Expanded)
- XXVIII. **Pneumatization of the inferior turbinates -: Incidence and radiologic appearance**
ÖZTÜRK A., ALATAŞ N., Öztürk E., San I., Sirmatel O., Kat N.
JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY, vol.29, no.3, pp.311-314, 2005 (SCI-Expanded)
- XXIX. **A case of factitious disorder involving menstrual blood smeared on the face**
Yanik M., San I., ALATAŞ N.
International Journal of Psychiatry in Medicine, vol.34, no.1, pp.97-101, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Retrospective Evaluation of Sociodemographics, Clinical Characteristics and Intervention Methods of Pediatric Patients Presenting for Epistaxis**
Dilci A., Bakkal F. K., Alatas n.
Ege Klinikleri Tıp Dergisi, vol.61, no.1, pp.22-28, 2023 (Peer-Reviewed Journal)
- II. **Evaluation of Paranasal Sinus Volumes and Anatomic Variations in Patients With Rhinogenic Headache**
Dilci A., Bakkal F. K., Alatas N., Yılmaz H.
Harran Üniversitesi Tıp Fakültesi Dergisi, vol.19, no.1, pp.215-220, 2022 (Peer-Reviewed Journal)
- III. **Ischemia modified albumin level and thiol/disulfide homeostasis in the etiology of tinnitus**
Kurku H., Bor M. A., Tulgar M. F., NEŞELİOĞLU S., ALATAŞ N.
International Journal of Medical Biochemistry, vol.5, no.1, pp.28-33, 2022 (Scopus)
- IV. **A RARE MIDDLE EAR TUMOR CASE: MIDDLE EAR ADENOMA**
Güllüev M., ALATAŞ N., YÜCEL A., Yılmaz E.
ENTcase, 2021 (Peer-Reviewed Journal)
- V. **ÜST DUDAK FİLTRUM SCHWANNOMU: NADİR BİR YERLEŞİM YERİ**
Ata N., Küçükosmanoğlu A., Alatas n.
ENTcase, vol.7, no.1, pp.1-4, 2021 (Peer-Reviewed Journal)
- VI. **SCHWANNOMA ON THE UPPER LIP PHILTRUM: A RARE LOCATION**
ATA N., KÜÇÜKOSMANOĞLU A., ALATAŞ N.
ENTcase, vol.7, no.1, pp.1-4, 2021 (Peer-Reviewed Journal)
- VII. **THE ROLE OF NEUTROPHIL / LYMPHOCYTE AND PLATELET /LYMPHOCYTE RATES IN CHILDREN WITH CERVICAL REACTIVELYMPHADENOPATHY**
YÜCEL A., ERYILMAZ M. A., ALATAŞ N., Aydemir F., Özbuğday Y., ARICIGİL M.
KBB-Forum, vol.19, no.1, pp.133-139, 2020 (Peer-Reviewed Journal)
- VIII. **Nasal Mucociliary Activity Changes in Smokers**
SOLAK İ., MARAKOĞLU K., PEKGÖR S., KARGIN N. Ç., ALATAŞ N., ERYILMAZ M. A.
KONURALP TIP DERGISI, vol.10, no.3, pp.269-275, 2018 (Peer-Reviewed Journal)
- IX. **Sigara bırakma sonrası sistemik inflamatuvar ve nazal mukosilier yanıtındaki değişiklikler**
Solak I., Marakoglu K., Pekgor S., Kargin N. C., Gederet Y. T., ALATAŞ N., Eryılmaz M. A.
Aile Hekimliği ve Palyatif Bakım, vol.3, no.3, pp.139-144, 2018 (Peer-Reviewed Journal)

- X. **Rhinolith Associated with Pseudomonas Aeruginosa in a Diabetic Patient**
Senturk M., Ovet G., ALATAŞ N., Azgin I., Erdur O.
EUROPEAN JOURNAL OF GENERAL MEDICINE, vol.13, no.1, pp.78-80, 2016 (ESCI)
- XI. **Unilateral Congenital Choanal Atresia Encountered in A 5 Years Old Patient**
Onal M., ALATAŞ N.
Journal of Pediatrics and Neonatal Care, 2016 (Peer-Reviewed Journal)
- XII. **A Rare Cause of Acute Respiratory Distress: Cervical Ranula**
Ovet G., ALATAŞ N., Guzelkara F., Kocacan F. N., Ovet H., Onal M.
Türk Otolarengoloji Arşivi, vol.53, no.3, pp.133-135, 2015 (ESCI)
- XIII. **An Unusual Presentation of Parotid Abscess: Otorrhea**
Onal M., Ovet G., ALATAŞ N.
MOJ Surgery, vol.2, no.3, 2015 (Peer-Reviewed Journal)
- XIV. **Volumetric analysis of the maxillary sinus in pediatric patients with nasal septal deviation**
Senturk M., Azgin I., Öçal R., Sakarya E., Guler I., Ovet G., ALATAŞ N., Tolu I.
ENT UPDATES, vol.5, no.3, pp.107-112, 2015 (ESCI)
- XV. **NK-Cell Lymphoma Involving the Parotid Gland: A Rare Case**
Onal M., Ovet G., YILMAZ E., ALATAŞ N.
Journal of Surgery, 2015 (Peer-Reviewed Journal)
- XVI. **Nazofarenkste Ekstramedüller Plasmasitom**
Erdur O., Senturk M., ATA N., Koç E., Ovet G., ALATAŞ N.
Selçuk Tıp Dergisi, vol.31, no.3, pp.124-128, 2015 (Peer-Reviewed Journal)
- XVII. **An Asymptomatic Foreign Body in the Nose in an Eighteen-Year-Old Patient: Button Battery**
Onal M., Ovet G., ALATAŞ N.
CASE REPORTS IN SURGERY, no.null, 2015 (ESCI)
- XVIII. **Unusual Localization of Cavernous Hemangioma: Palatine Tonsil**
Onal M., Agirgol B., Ovet G., ALATAŞ N.
Scholars Journal of Medical Case Reports, 2015 (Peer-Reviewed Journal)
- XIX. **Aural myiasis in a patient with chronic otitis media**
Ovet G., TEZER M. S., ALATAŞ N., Kocacan F. N.
Türk Otolarengoloji Arşivi, vol.50, no.1, pp.5-7, 2013 (Peer-Reviewed Journal)
- XX. **[Castleman'x disease in a patient with recurrent reactive lymphadenopathy].**
Topal O., ALATAŞ N., ERBEK S. S., Erbek S., Tosun E.
The Turkish Journal of Ear Nose and Throat, vol.18, no.6, pp.377-80, 2008 (Peer-Reviewed Journal)
- XXI. **Castleman's disease in a patient with recurrent reactive lymphadenopathy Tekrarlayan reaktif lenfadenopatili bir olguda Castleman hastalığı.**
Topal O., ALATAŞ N., Erbek S., Erbek S. S., Tosun E.
Kulak burun boğaz ihtisas dergisi : KBB = Journal of ear, nose, and throat, vol.18, no.6, pp.377-380, 2008 (Scopus)
- XXII. **servikal tüberküloz lenfadenit**
San I., ALATAŞ N., CEYLAN E., gencer m., yetkin A., KAR M.
Harran Üniversitesi Tıp Fakültesi Dergisi, vol.4, no.1, 2007 (Peer-Reviewed Journal)
- XXIII. **[The efficacy of botulinum toxin-A in the treatment of hypersalivation in children with cerebral palsy].**
ALATAŞ N., YAZGAN P., Ozturk A., San I.
The Turkish Journal of Ear Nose and Throat, vol.16, no.2, pp.49-53, 2006 (Peer-Reviewed Journal)
- XXIV. **Baş ve boyun defektlerinin onarımında pektoralis major miyokutan flebi kullanımı**
San I., ALATAŞ N., DÜZGÜN Ş. A., UZUNKÖY A., KELEŞ R.
Harran Üniversitesi Tıp Fakültesi Dergisi, 2006 (Peer-Reviewed Journal)
- XXV. **Boyundaki lenfadenopatilerin ayırıcı tanısında yararlı yöntemler ve tanısal değerleri**
ALATAŞ N., San I., Iynen I., Ozturk A.
Kulak Burun Boğaz Klinikleri, vol.7, no.2, pp.64-69, 2005 (Peer-Reviewed Journal)
- XXVI. **First secondary middle turbinate**

- Ozturk A., ALATAŞ N., Ozturk E., Ziylan S. Z.
European Journal of Radiology Extra, vol.52, no.3, pp.93-95, 2004 (Scopus)
- XXVII. **17Beta-Östradiol sprey'xxin nazal tolerans ve Kupperman indeksi'xxne etkisi**
HARMA M., HARMA M. İ., ALATAŞ N., YALTALI T., DEMİR N.
Türk Fertilité Dergisi, vol.12, no.3, pp.273-280, 2004 (Peer-Reviewed Journal)
- XXVIII. **Management Of Eclampsia Complicated With Traumatic Macroglossia Occurring After Tongue Bite**
KAFALI H., ALATAŞ N., GANIDAĞLI S.
INTERNET JOURNAL OF GYNECOLOGY AND OBSTETRICS, 2004 (Peer-Reviewed Journal)
- XXIX. **[An unusual tracheobronchial aspiration in a patient with total laryngectomy].**
San I., ALATAŞ N., Iynen I.
The Turkish Journal of Ear Nose and Throat, vol.9, no.2, pp.139-41, 2002 (Peer-Reviewed Journal)
- XXX. **Geniş vestibüler kanal sendromu**
ALATAŞ N., SENNAROĞLU G., SENNAROĞLU L., öğretmenöğlü o., GÜRSEL B.
OTOSCOPE, vol.1, no.3, pp.128-131, 2000 (Peer-Reviewed Journal)
- XXXI. **Dilde epidermoid kanserde cyclin D1, CD44 ekspresyonunun, klinik histopatolojik parametreler ve prognozla ilişkileri**
ALATAŞ N., SUNGUR A., AKYOL M. U., ÜNAL Ö. F., AYAS K.
Kulak Burun Boğaz ve Baş Boyun Cerrahisi, vol.8, no.2, pp.99-107, 2000 (Peer-Reviewed Journal)
- XXXII. **Dilde epidermoid kanserde histopatolojik parametrelerin prognozla ilişkileri**
ALATAŞ N., SUNGUR A., AKYOL M. U., ÜNAL Ö. F., YILMAZ T., KAYA S.
Kulak Burun Boğaz ve Baş Boyun Cerrahisi, vol.8, no.3, pp.202-210, 2000 (Peer-Reviewed Journal)
- XXXIII. **Dilde epidermoid kanserlerde yaş, cinsiyet, sigara ve alkol kullanımının prognoza etkileri**
ALATAŞ N., AKYOL M. U., SUNGUR A., ÜNAL Ö. F., GÜRSEL B.
Kulak Burun Boğaz ve Baş Boyun Cerrahisi, vol.8, no.1, pp.46-50, 2000 (Peer-Reviewed Journal)
- XXXIV. **Larinks kanserinde ölüm nedenleri**
YILMAZ T., ALATAŞ N., AYAS K., TURAN E., KAYA S.
Kulak Burun Boğaz ve Baş Boyun Cerrahisi, vol.6, no.1, pp.23-25, 1998 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Tiroidektomide önemli ve nadir bir anatomik varyasyon: Sağ non-rekürren laringeal sinir**
BAKKAL F. K., TOPAN Y. E., Tetik F., ALATAŞ N.
14. Uluslararası Kulak Burun Boğaz ve Baş Boyun Cerrahisi Kongresi, Turkey, 24 - 26 December 2020
- II. **COVID-19 pandemisinin elektif ve acil KBB hastalıkları başvurularına etkisinin araştırılması**
BAKKAL F. K., ALATAŞ N., TOPAN Y. E.
Türk Ulusal KBB ve BBC Kongresi 2020, Turkey, 24 November - 26 December 2020
- III. **Kronik Efüzyonlu Otitis Media ile Karıştırılan Orta Kulak Adenomu**
Güllüev M., ALATAŞ N., YÜCEL A., özbuğday y.
40. Türk Ulusal Kulak Burun Boğaz ve Baş Boyun Cerrahisi Kongresi, Turkey, 7 - 11 November 2018
- IV. **Sigara Bırakma Sonrası Sistemik İnflamatuar ve Nazal Mukosilier Yanıtta Meydana Gelen Değişimler.**
Solak İ., MARAKOĞLU K., Selma P., Nisa Ç. K., Gederet Y., ALATAŞ N., ERYILMAZ M. A.
16. Uluslararası Doğu Akdeniz Aile Hekimliği Kongresi, 11 - 14 May 2017
- V. **Sigara İçenlerde Sigara İçmeyenlere Göre Burun Mukosiliyer Aktivitesinde Meydana Gelen Değişimler**
SOLAK İ., MARAKOĞLU K., PEKGÖR S., KARGIN ÇETİN N., ALATAŞ N., ERYILMAZ M. A.
16th International Eastern Mediterranean Family Medicine Congress, Adana, Turkey, 11 - 14 May 2017

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