

## Department of Audiology

### **Supervisors**

Prof. Çağlar Batman  
Prof. Selçuk İnanlı  
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### **Research Areas:**

Auditory Temporal Processing  
Auditory Evoked Cortical Potentials in cochlear implant patients  
Bilateral cochlear implants and speech production  
Speech in noise testing in cochlear implant and hearing aid users  
Maturation of cortical evoked responses  
MMN and P300 in hearing aid users  
Standardization in speech audiometry

### **Recent Publications (2013- 2016)**

- Ozbay I, Yumusakhuylu AC, Sethia R, Wei L, Old M, Agrawal A, Teknos T, Ozer E. One-year quality of life and functional outcomes of transoral robotic surgery for carcinoma of unknown primary. Head Neck. 2017 May 17. doi: 10.1002/hed.24801. [Epub ahead of print] PubMed PMID: 28513895.
- Demir B, Sarı M, Binnetoglu A, Yumusakhuylu AC, Filinte D, Tekin İÖ, Bağlam T, Batman AÇ. Comparison of pharyngocutaneous fistula closure with and without bacterial cellulose in a rat model. Auris Nasus Larynx. 2017 May 6. pii:S0385-8146(17)30100-1. doi: 10.1016/j.anl.2017.04.005. [Epub ahead of print] PubMed PMID: 28487041.
- Topuz MF, Binnetoglu A, Yumusakhuylu AC, Sarı M, Bağlam T, Gerin F. Circulating calprotectin as a biomarker of laryngeal carcinoma. Eur Arch Otorhinolaryngol. 2017 Jun;274(6):2499-2504. doi: 10.1007/s00405-017-4480-4. Epub 2017 Mar 1. PubMed PMID:

28251322.

- Binnetoglu A, Demir B, Yumusakhuylu AC, Baglam T, Sari M. Use of a Gelatin-Thrombin Hemostatic Matrix for Secondary Bleeding After Pediatric Tonsillectomy. *JAMA Otolaryngol Head Neck Surg.* 2016 Oct 1;142(10):954-958. doi: 10.1001/jmaoto.2016.1678. PubMed PMID: 27414284.
- Yumusakhuylu AC, Binnetoglu A, Demir B, Baglam T, Sari M. Is it safe to perform adenotonsillectomy in children with Down syndrome? *Eur Arch Otorhinolaryngol.* 2016 Sep;273(9):2819-23. doi: 10.1007/s00405-016-4012-7. Epub 2016 Mar 28. PubMed PMID: 27020270.
- Kucuk N, Sari M, Midi A, Yumusakhuylu AC, Findik O, Binnetoglu A. Effectiveness of Recombinant Human Growth Hormone for Pharyngocutaneous Fistula Closure. *Clin Exp Otorhinolaryngol.* 2015 Dec;8(4):390-5. doi: 10.3342/ceo.2015.8.4.390. Epub 2015 Nov 10. PubMed PMID: 26622960; PubMed Central PMCID: PMC4661257.
- Baglam T, Binnetoglu A, Yumusakhuylu AC, Demir B, Askan G, Sari M. Does Papillary Carcinoma of Thyroglossal Duct Cyst Develop De Novo? *Case Rep Otolaryngol.* 2015;2015:382760. doi: 10.1155/2015/382760. Epub 2015 Aug 16. PubMed PMID: 26351606; PubMed Central PMCID: PMC4553182.
- Baglam T, Binnetoglu A, Yumusakhuylu AC, Gerin F, Demir B, Sari M. Predictive value of the neutrophil-to-lymphocyte ratio in patients with deep neck space infection secondary to acute bacterial tonsillitis. *Int J Pediatr Otorhinolaryngol.* 2015 Sep;79(9):1421-4. doi: 10.1016/j.ijporl.2015.06.016. Epub 2015 Jun 22. PubMed PMID: 26123298.
- Yumuşakhuylu AC, Sari M, Topuz MF, Bağlam T, Binnetoğlu A. Trigeminal schwannoma extending into the parapharyngeal space. *J Craniofac Surg.* 2014 Jul;25(4):e328-30. doi: 10.1097/SCS.0000000000000593. PubMed PMID: 24978683.
- Yumusakhuylu AC, Topuz MF, Durgun C, Binnetoglu A, Baglam T, Sari M. Pediatric acute external laryngeal trauma. *J Craniofac Surg.*

2014 Jan;25(1):e70-2. doi: 10.1097/SCS.0000000000000393.  
PubMed PMID: 24406606.

- Yumusakhuylyu AC, Binnetoglu A, Topuz MF, Bozkurtlar EB, Baglam T, Sari M. Syndrome of inappropriate antidiuretic hormone secretion associated with olfactory neuroblastoma. J Craniofac Surg. 2013 Nov;24(6):2189-93. doi: 10.1097/SCS.0b013e3182a41c52. PubMed PMID: 24220439.
- Binnetođlu A, Bađlam T, Sari M, Gündođdu Y, Batman Ç. A Challenge for Cochlear Implantation: Duplicated Internal Auditory Canal. J Int Adv Otol. 2016 Aug;12(2):199-201. doi: 10.5152/iao.2016.1440.PMID:27716607
- Binnetođlu A, Yumuřakhuylyu AC, Demir B, Bađlam T, Derinsu U, Sari M. Association between Family History and Idiopathic Sudden Sensorineural Hearing Loss. J Int Adv Otol. 2015 Apr;11(1):30-2. doi: 10.5152/iao.2015.607.PMID: 26223714
- Çelikgün B, Derinsu U, Çiprut AA, Torun M, Kalciođlu MT. Publication rates of audiology master and doctoral theses in peer-reviewed journals. Kulak Burun Bogaz Ihtis Derg. 2016 Sep-Oct;26(5):276-82. doi: 10.5606/kbbihtisas.2016.03780. PMID:27888825
- Inanli S, Binnetoglu A. A Combined Approach To Crooked Nose Deformity. Aesthetic Plast Surg. 2016 Jun;40(3):360-6. doi: 10.1007/s00266-016-0627-8. 2016 Mar 2. PubMed PMID: 26935313.
- Serin G, Baylancicek S, Aksoy E, Polat S, Sađlıcan Y, Inanli S. Evaluation of tissue response to Gore-Tex (expanded polytetrafluoroethylene) implantation. J Craniofac Surg. 2013 Jul;24(4):1428-30. doi: 10.1097/SCS.0b013e31828dcc06. PMID: 23851824.
- Batman C. 11th European Symposium on Pediatric Cochlear

Implantation (ESPCI). *Cochlear Implants Int.* 2014 May;15 Suppl 1:S1. PubMed PMID: 24869429.

- Binnetođlu A, Bađlam T, Sarı M, Gündođdu Y, Batman Ç. A Challenge for Cochlear Implantation: Duplicated Internal Auditory Canal. *J Int Adv Otol.* 2016 Aug;12(2):199-201. doi: 10.5152/iao.2016.1440. PubMed PMID: 27716607.
- Korkmaz FN, Ozen G, Ünal AU, Kahraman Koytak P, Tuncer N, Direskeneli H. Severe neuro-Behcet's disease treated with a combination of immunosuppressives and a TNF-inhibitor. *Acta Reumatol Port.* 2016 Oct-Dec;41(4):367-371. PubMed PMID: 27750273
- Özen G, Yılmaz-Öner S, Tuncer N, Akbaş T, Tuđlular S, Direskeneli H. A severe case of systemic lupus erythematosus with increased pressure communicating hydrocephalus. *Eur J Rheumatol.* 2015 Jun;2(2):76-77. Epub 2015 Mar 31. PMID: 27708931; PubMed Central PMCID: PMC5047267