

Prof.Dr. Hakan Birkent

Ear Nose and Throat Disorders

Medical Interests

- Voice disorders and aesthetic voice surgery
- Rhinoplasty
- Throat cancers
- Airway stenosis
- Vocal fold paralysis
- Swallowing problems
- Head and neck cancers
- Nose & sinus diseases
- Ear diseases
- Pediatric ENT disorders
- Snoring and sleep apnea surgery

H-Index : 16

Languages:
English

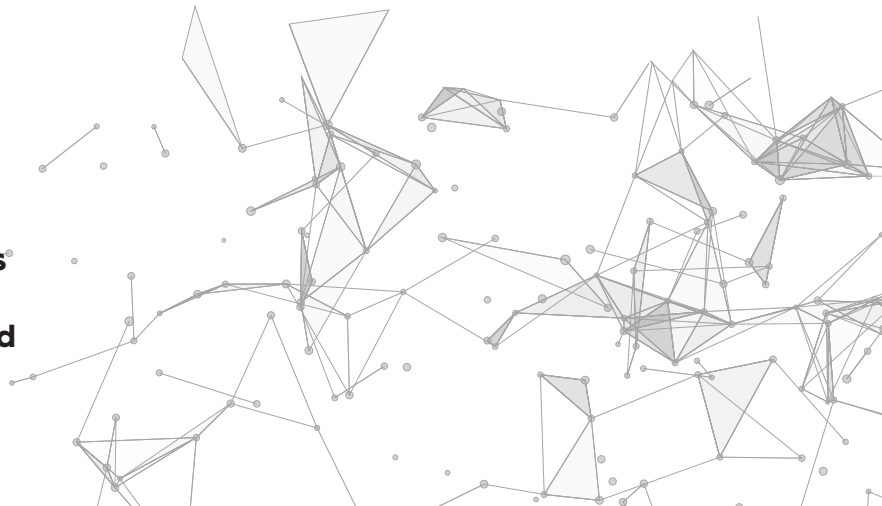


Experience

- Ankara Gendarmerie Hospital, 2002-2005
- GATA Department of Otorhinolaryngology, 2005-2017
- Centrium ENT Hospital
- Istanbul Surgery Hospital
- Medicana Çamlica Hospital

Memberships

- Turkish Otolaryngology&Head and Neck Surgery Association
- Turkish Otolaryngology&Head and Neck Surgery Foundation
- Ankara Otolaryngology&Head and Neck Surgery Association
- Turkish Laryngological Association
- Professional Voice Society
- Voice Speech and Swallowing Disorders Association
- Union of the European Phoniaticians
- European Laryngological Society
- Istanbul Association of Ear Nose and Throat Specialists.



Publications:

- 1 Akcam T, Kocaoglu M, Gerek M, Birkent H, Ozkaptan Y, Tayfun C. "Tolosa-Hunt syndrome with heterotopic salivary gland tissue and absence of internal carotid artery." *Auris Nasus Larynx*, 30, 325-329 (2003).
2. Akcam T, Oysul K, Birkent H, Gerek M, Yetiser S. "Leiomyosarcoma of the head and neck: report of two cases and review of the literature." *Auris Nasus Larynx*, 32, 209-212 (2005).
3. Karahatay S, Birkent H, Demir D, Ceyhan A, Satar B. "The effects of ventilated and non-ventilated nasal packs on Eustachian tube function: nine-step inflation-deflation test results." *Rhinology*, 44, 197-200 (2006).
4. Satar B, Sen D, Karahatay S, Birkent H, Yetiser S. "Effect of cochlear reserve on postoperative outcome in otosclerosis." *Eur Arch Otorhinolaryngol*, 264, 489-493 (2007).
5. Birkent H, Tosun F, Karahatay S, Akcam T. "Progressive maxillary sinus hypoplasia with open ostium." *J Craniofac Surg*, 18, 706-708 (2007).
6. Durmaz A, Tosun F, Kurt B, Gerek M, Birkent H. "Osteolipoma of the nasopharynx." *J Craniofac Surg*, 18, 1176-1179 (2007).
7. Karahatay S, Yilmaz YF, Gunhan O, Birkent H, Yetiser S. "Spindle cell carcinoma of the larynx with a verrucous carcinoma component: combined carcinoma of larynx." *Auris Nasus Larynx*, 34, 557-559 (2007).
8. Yetiser S, Erol U, Birkent H, Durmaz A. "Internal auditory canal enlargement (Giant IAC) and defective fundus in a child with congenital neurosensorial hearing loss." *Int J Pediatr Otorhinolaryngol Extra*, 2, 95-98 (2007).
9. Yetiser S, Hidir Y, Birkent H, Satar B, Durmaz A. "Traumatic ossicular dislocations: etiology and management." *Am J Otolaryngol*, 29, 31-36 (2008).
10. Satar B, Karahatay S, Sen D, Cekin E, Birkent H. "Analytic view to concordance between electrocochleography and caloric test in Meniere's disease." *Eur Arch Otorhinolaryngol*, 265, 159-165 (2008).
11. Birkent H, Soken H, Akcam T, Karahatay S, Gerek M. "The effect of radiofrequency volumetric tissue reduction of soft palate on voice." *Eur Arch Otorhinolaryngol*, 265, 195-198 (2008).
12. Birkent H, Karahatay S, Akcam T, Durmaz A, Ongoru O. "Primary parotid tuberculosis mimicking parotid neoplasm: a case report." *J Med Case Reports*, 2, 62 (2008).
13. Karahatay S, Yilmaz YF, Birkent H, Ay H, Satar B. "Middle ear barotrauma with hyperbaric oxygen therapy: incidence and the predictive value of the nine-step inflation/deflation test and otoscopy." *Ear Nose Throat J*, 87, 684-688 (2008).
14. Birkent H, Karacalioglu O, Merati AL, Akcam T, Gerek M. "Prospective study of the impact of thyroid hormone replacement on objective voice parameters." *Ann Otol Rhinol Laryngol*, 117, 523-527 (2008).
15. Birkent H, Durmaz A, Hidir Y, Erdem U, Tosun F. "Sneezing-related orbital emphysema and pneumocephalus treated with transnasal endoscopic surgery." *J Otolaryngol Head Neck Surg*, 37, E167-169 (2008).
16. Birkent H, Maronian N, Waugh P, Merati AL, Perkel D, Hillel AD. "Dosage changes in patients with long-term botulinum toxin use for laryngeal dystonia." *Otolaryngol Head Neck Surg*, 140, 43-47 (2009).
17. Birkent H, Erol U, Ciyiltepe M, Eadie TL, Durmaz A, Tosun F. "Relationship between nasal cavity volume changes and nasalance." *J Laryngol Otol*, 123, 407-411 (2009).

18. Durmaz A, Karahatay S, Satar B, Birkent H, Hidir Y. "Efficiency of Stenger Test in confirming profound unilateral pseudohypacusis." *J Laryngol Otol*,123, 840-4 (2009).
19. Dalgic A, Hidir Y, Birkent AH, Durmaz A, Gerek M. Life-threatening upper airway obstruction due to isolated hypermobile tongue. *J Craniofac Surg*. 2011 Jul;22(4):1529-31.
20. Birkent H, Durmaz A, Karakoc O, Ilica T, Gerek M. An unusual case of anterior and posterior laryngeal cleft together: combined cleft of larynx. *Eur Arch Otorhinolaryngol*. 2012 Jan;269(1):345-8.
21. Gerek M, Durmaz A, Aydin U, Birkent H, Hidir Y, Tosun F. Relationship between nasal valve changes and nasalance of the voice. *Otolaryngol Head Neck Surg*. 2012 Jul;147(1):98-101.
22. Karakoc O, Akcam T, Birkent H, Arslan HH, Gerek M. Nasalance scores for normal-speaking Turkish population. *J Craniofac Surg*. 2013 Mar;24(2):520-2.
23. Birkent H, Sardesai M, Hu A, Merati AL. Prospective study of voice outcomes and patient tolerance of in-office percutaneous injection laryngoplasty. *Laryngoscope*. 2013 Jul;123(7):1759-62.
24. Dalgic A, Karakoc O, Karahatay S, Hidir Y, Gamsizkan M, Birkent H, Gerek M. Submandibular triangle masses. *J Craniofac Surg*. 2013;24(5):e529-31.
25. Asik MB, Karasimav O, Birkent H, Merati AL, Gerek M, Yildiz Y. Airway and Respiration Parameters Improve Following Vocal Fold Medialization: A Prospective Study. *Ann Otol Rhinol Laryngol*. 2015 Dec;124(12):972-7.
26. Karakoc O, Akcam MT, Genc H, Birkent H, Binar M, Gerek M. Do Pharyngeal Surgeries for Snoring and Obstructive Sleep Apnea Have an Impact on Nasalance Scores? *J Craniofac Surg*. 2015 Oct;26(7):2213-6.
27. Sardesai MG, Merati AL, Hu A, Birkent H. Impact of patient-related factors on the outcomes of office-based injection laryngoplasty. *Laryngoscope*. 2016 Aug;126(8):1806-9.
28. Asik MB, Karasimav O, Birkent H, Merati AL, Gerek M, Yildiz Y. Impact of unilateral carbon dioxide laser posterior transverse cordotomy on vocal and aerodynamic parameters in bilateral vocal fold paralysis. *J Laryngol Otol*. 2016 Apr;130(4):373-9.
29. Polat B, Karahatay S, Birkent H, Gerek M. The Practicability of Transnasal Esophagoscopy and the Evaluation of Patient's Perception: A Prospective Study. *Clin Exp Otorhinolaryngol*. 2016 Dec;9(4):366-369.
30. Vasconcelos S, Birkent H, Sardesai MG, Merati AL, Hillel AD. Influence of age and gender on dose and effectiveness of botulinum toxin for laryngeal dystonia. *Laryngoscope*. 2009 Oct;119(10):2004-7.
31. Erdur Ö, Taşlı H, Polat B, Sofiyev F, Tosun F, Çolpan B, Birkent H, Öztürk K. Surgical Management of Dysphagia Due to Anterior Cervical Osteophytes. *J Craniofac Surg*. 2017;28(1): e80-e84.
32. Arslan F, Polat B, Durmaz A, Birkent H. Effects of Nasal Obstruction due to Nasal Polyposis on Nasal Resonance and Voice Perception. *Folia Phoniatr Logop*. 016;68(3):141-143.
33. Taşlı H, Birkent H, Gerek M. Three Cases of Relapsing Polycondritis with Isolated Laryngotracheal Stenosis. *Turk Arch Otorhinolaryngol*. 2017 Jun;55(2):77-82.
34. Tasli H, Karakoc O, Birkent H. A Grading System for Transnasal Flexible Laryngoscopy. *J Voice*. 2018 May 2. pii: S0892-1997(17)30617-3.
35. Tasli H, Eser B, Asik MB, Birkent H. Does Pepsin Play a Role in Etiology of Laryngeal Nodules? *J Voice*. 2018 May 11. pii: S0892-1997(18)30041-9.
36. Tasli H, Birkent H, Karakoc O, Gokgoz MC .Optimal Position for Transnasal Flexible Laryngoscopy. *J Voice*. 2018 Dec 20. pii: S0892-1997(18)30420-X.

• Articles published in National refereed journals:

- 1 F Tosun, M Gerek, H Birkent, Y Özkaptan. "Pharyngocutaneous fistula after total laryngectomy; analysis of different risk factors. " Türkiye Klinikleri Journal of ENT , 2, 133-139 (2002).
2. T Akçam, H Birkent, M Gerek, Y Özkaptan. "Giant cervical lipoma." Türkiye Klinikleri Journal of ENT, 3, 48-52 (2003).
3. T Akçam, E Bolu, C Durmuş, H Birkent, Y Özkaptan. "Voice fundamental frequency assessment in male patients with isolated hypogonadotropic hypogonadism." Türkiye Klinikleri Journal of ENT , 4, 65-68 (2004).
4. H Birkent, T Akçam, M Gerek, İ Ertaş, Y Özkaptan. "Our voice therapy results in functional voice disorders." ENT Specialization Journal 12, 120-127 (2004)
5. AH Birkent, S Karahatay, T Akçam, M Gerek, S Yetişer. "Solitary cystic lymph node metastasis of papillary thyroid cancer. ENT- Forum Electronic Journal of Otorhinolaryngology and Head and Neck Surgery, 4, 157-161 (2005).
6. T Akçam, Ö Karakoç, S Karahatay, H Birkent, M Gerek. "Investigation of position-related airborne changes in patients with snoring with acoustic pharyngometry." ENT- Forum Electronic Journal of Otorhinolaryngology and Head and Neck Surgery, 4, 84-87 (2005).
7. H Birkent, T Akçam. "Tonsillectomy and adenoidectomy: traditional and new techniques." Türkiye Klinikleri Surgical Medical Sciences Otorhinolaryngology 1, 16-25 (2005).
8. H Birkent, H Söken. "Halitosis." Türkiye Klinikleri Surgical Medical Sciences Otorhinolaryngology 1, 30-37 (2005).
9. H Birkent. "Snoring and sleep apnea surgery history and definitions" Current Approach in Otorhinolaryngology Head and Neck Surgery, 2, 11-13 (2006).
10. H Karadeniz, AH Birkent, S Karahatay, A Durmaz, T Akçam, M Gerek. "The effectiveness of radiofrequency tissue ablation in the treatment of inferior turbinate hypertrophy." Journal of Otorhinolaryngology Head and Neck Surgery ,15, 18-26 (2007).
11. E Gönül, S Yetişer, S Şirin, A Coşar, M Taşar, H Birkent. "Intraventricular traumatic pneumocephalus: a case report." ENT Specialization Journal 17, 231-234 (2007)
12. Karakoc Ö, Akcam T, Gerek M, H. Birkent "Reliability of Epworth Sleepiness Scale in Patients with Snoring and Obstructive Sleep Apnea." ENT- Forum Electronic Journal of Otorhinolaryngology and Head and Neck Surgery, 6, 86-89 (2007).
13. Karakoc Ö, Akcam T, Gerek M, H. Birkent "Obstructive sleep apnea and chronic diseases. " ENT- Forum Electronic Journal of Otorhinolaryngology and Head and Neck Surgery, 7, 15-20 (2008).
14. S Karahatay, A Sütbaş, H Tuğcu, H Birkent, A Ceyhan, M Gerek. "Diagnosis times and legal dimensions in laryngeal cancer." Türkiye Klinikleri Journal Of Medical Sciences , 28, 275-279 (2008).
15. H Birkent, F Tosun. "Endonasal endoscopic approach in the treatment of cyst and congenital anomalies and rare benign tumors of the anterior skull base." Current Approach in Otorhinolaryngology Head and Neck Surgery, 4, 27-33 (2008).
16. H Birkent, S Karahatay, A Durmaz, B Kurt, F Tosun. "Choanal polyp originating from the nasal septum: Septochoanal polyp." ENT Specialization Journal 19(3), 163-6 (2009).
17. M Gerek, U Erol, Y Hıdır, H Birkent. "Endolaryngeal Laser Excision of a Giant Hypopharynx Lipoma Causing Severe Respiratory Distress. " Turkish Clinics Journal of Medical Sciences, (2012).

- S Yetişer, H Birkent. "Vestibular Disorders" (Book chapter translation) Current Otorhinolaryngology-Head and Neck Surgery Diagnosis and Treatment. Editor: AK Lalwani Translation Editor: C Cingi, Page:761-770 Güneş Bookstore 2005 Ankara
- H Birkent, Sertaç Yetişer. "Neuroplasticity in Otology" (Book chapter translation) Otolaryngology Head and Neck Surgery Editors: CW Cummings, B Haughey, JR Thomas, LA Harker, PW Flint, KT Robbins, DE Schuller, MA. Richardson Translation Editor: C Koç, Page: 2815-2832 Güneş Book Stores 2007 Ankara
- H Birkent, Sertaç Yetişer. "Approach to temporal bone traumas" (Book chapter translation) Otolaryngology Head and Neck Surgery Editors: CW. Cummings, B Haughey, JR Thomas, LA. Harker, PW. Flint, KT Robbins, DE. Schuller, MA. Richardson Translation Editor: C Koç, Page: 2848-2867 Güneş Book Stores 2007 Ankara
- H Birkent, T Akçam, S Yetişer. "Otitis media with effusion". Ear, Nose and Throat Infections. Editor: C Cingi, Page: 122-140 Senk Printing 2008 İstanbul
- H.Birkent, Y.Hıdır. Evidence-Based Indications and Results of Pediatric Tonsillectomy. Evidence-Based Diagnosis and Treatment of Ear, Nose and Throat Editor: C. Cingi, Page: 343-51 Sebad Publications 2011 Eskişehir.

Considerable previous cases

- Voice masculinization
- 2Voice feminization

