

Curriculum Vitae

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EDUCATION

2008-2013 Ph.D, Audiology; Iran University of Medical Sciences, Tehran, Iran

2000-2003 Master of Science, Audiology; Iran University of Medical Sciences, Tehran, Iran

1997-2000 Bachelor of Science, Audiology; Iran University of Medical Sciences, Tehran, Iran

PUBLICATIONS

1. Saki N, Nasiri R, **Bayat A**, Nikakhlagh S, Salmanzadeh S, Khoramshahi H. Relationship Between Vocal Fatigue Index and Acoustic Voice Scales in Patients with Coronavirus Infection. *J Voice*. 2023; S0892-1997(23)00152-2.
2. Timar M, Saki N, **Bayat A**, Hanafi M. Cochlear Implantation Outcomes in Pediatrics with Inner Ear Malformations in a Tertiary Care Hospital in Ahvaz. *Indian J Otolaryngol Head Neck Surg*. 2023; 75(Suppl 1):197-203.
3. Asghari A, Daneshi A, Farhadi M, Ajalloueyan M, Rajati M, Hashemi SB, Saki N, Mirsalehi M, **Bayat A**. Complications and outcomes of cochlear implantation in children younger than 12 months: A multicenter study. *Int J Pediatr Otorhinolaryngol*. 2023;167: 111495.
4. **Bayat A**, Jafarzadeh S, Saki N, Omidvar S, Pourbakht A. Vestibular Hypersensitivity in Patients with Chronic Noise Exposure. *Indian J Otolaryngol Head Neck Surg*. 2022; 74(Suppl 3):3957-3964.
5. Heidari P, Mohammadkhani G, **Bayat A**, Rouhbakhsh N, Moore BCJ. Age-related changes in auditory temporal processing assessed using forward masking. *Hear Res*. 2023; 427:108665.
6. Saki N, Shirani M, Kardooni M, Mirmoemeni G, **Bayat A**. The effects of cochlear implantation on middle ear function: A prospective study. *Int J Pediatr Otorhinolaryngol*. 2022; 163: 111368.

7. Amiri M, Hasanalifard M, Rahim F, Asghari A, Mirmomeni G, **Bayat A**. Progression of Contralateral Hearing Loss in Patients with Unilateral Ear Involvement: A Scoping Review. *J Int Adv Otol*. 2022; 18(5): 433-440.
8. **Bayat A**, Abdollahi FZ, Saki N, Khiavi FF, Mohammadian S, Bardsiri MM, Hoseinabadi R. Parent's Satisfaction of Universal Newborn Hearing Screening Program in Iran. *Indian J Otolaryngol Head Neck Surg*. 2022; 74(Suppl1): 517-522.
9. Daneshi A, Sajjadi H, Blevins N, Jenkins HA, Farhadi M, Ajallouyan M, Hashemi SB, Thai A, Tran E, Rajati M, Asghari A, Mohseni M, Mohebbi S, **Bayat A**, Saki N, Emamdjomeh H, Romiani M, Hosseinzadeh F, Mirsaleh M. The Outcome of Cochlear Implantations in Deaf-Blind Patients: A Multicenter Observational Study. *Otol Neurotol*. 2022; 43(8):908-914.
10. Torfi A, Jahangirimehr F, Bagheripour H, **Bayat A**, Saki N. The Comparison of Speech Intelligibility between the Cochlear Implanted and Normal-Hearing Children. *Med J Islam Repub Iran*. 2021; 35: 143.
- 11- Saki N, Topsakal V, Amiri M, Al-Shihaby WJ, **Bayat A**. The priority of audiological procedures during the COVID-19 pandemic. *Med J Islam Repub Iran*. 2021; 35: 99.
- 12- Saki N, Zamani P, **Bayat A**, Nikakhlagh S, Moghateli N, Salmanzadeh S. Auditory-Perceptual Evaluation of Vocal Characteristics in Patients with the New Coronavirus Disease 2019. *Folia Phoniatr Logop*. 2021: 1-8.
- 13- Saki N, Nikakhlagh S, Moridi B, Karimi M, Aghayi A, **Bayat A**. Cortical Auditory Plasticity Following Cochlear Implantation in Children with Auditory Neuropathy Spectrum Disorder: A Prospective Study. *Otol Neurotol*. 2021; 42(9): e1227-e1233.
- 14- Saki N, Karimi M, **Bayat A**. Cochlear implant failure following COVID 19: Report of two cases. *Am J Otolaryngol*. 2021; 42(3):102910.
- 15- Zamani P, **Bayat A**, Saki N, Ataei E, Bagheripour H. Post-lingual deaf adult cochlear implant users' speech and voice characteristics: cochlear implant turned-on versus turned-off. *Acta Otolaryngol*. 2021; 141(4):367-373.
- 16- Cheraghian B, Hashemi SJ, Hosseini SA, Poustchi H, Rahimi Z, Sarvandian S, Saki Malehi A, Alipour M, Eghtesad S, Fatahiasi J, **Bayat A**, Raji H, Saki N. Cohort profile: The Hoveyzeh Cohort Study (HCS): A prospective population-based study on non-communicable diseases in an Arab community of Southwest Iran. *Med J Islam Repub Iran*. 2020; 34:141.
- 17- **Bayat A**, Hoseinabadi R, Saki N, Sanayi R. Disability and Anxiety in Vestibular Diseases: A Cross-Sectional Study. *Cureus*. 2020; 12(11): e11813.
- 18- Saki N, **Bayat A**, Nikakhlagh S, Mirmomeni G. Vestibular rehabilitation therapy in combination with transcranial direct current stimulation (tDCS) for treatment of chronic

vestibular dysfunction in the elderly: a double-blind randomized controlled trial. *Braz J Otorhinolaryngol.* 2020; S1808-8694(20)30212-3.

19- Mirmomeni G, **Bayat A**. Comment on "Predicting the mortality due to covid-19 by the next month for Italy, Iran and South Korea; a simulation study". *Gastroenterol Hepatol Bed Bench.* 2020 Fall;13(4):421-422.

20- Saki N, Abshirini H, Karkhaneh S, **Bayat A**. Investigating the Effects of Vestibular Rehabilitation on Balance Function in Cochlear Implant Recipients. *Int Tinnitus J.* 2020; 24(1): 36-39.

21- **Bayat A**, Farhadi M, Emamdjomeh H, Nadimi Z, Mirmomeni G, Saki N. Influence of Cochlear Implantation on Balance Function in Pediatrics. *Int Tinnitus J.* 2020; 24(1): 1-4.

22- Saki N, **Bayat A**, Nikakhlagh S, Zamani P, Khaleghi A, Karimi M, Dastoorpoor M. Acoustic Voice Analysis in Postlingual Deaf Adult Cochlear Implant Users: A Within-Group Comparison Study. *J Voice.* 2020 Jul 7: S0892-1997(20)30226-5.

23- Saki N, **Bayat A**, Nikakhlagh S, Karimi M, Nikafrooz M, Daneshi A, Zarandi MM, Ajalloueyan M, Hashemi SB, Ghasemi MM, Eftekharian A, Abtahi SH, Amizadeh M, Farahani F, Naderpour M. A National Iranian Cochlear Implant Registry (ICIR): cochlear implanted recipient observational study. *Int Tinnitus J.* 2019; 23(2): 74-78.

24- Saki N, **Bayat A**, Moniri S, Moogahi NK. The influence of cochlear implantation on aggression behaviors in children. *Int J Pediatr Otorhinolaryngol.* 2019; 127: 109669.

25- Saki N, Nikakhlagh S, Mirmomeni G, **Bayat A**. Perceptual organization of sequential stimuli in cochlear implant listeners: A temporal processing approach. *Int Tinnitus J.* 2019; 23(1): 37-41.

26- **Bayat A**, Saki N, Nikakhlagh S, Farshad MA, Lotfinia M. Ossicular chain defects in adults with chronic otitis media. *Int Tinnitus J.* 2019; 23(1): 6-9.

27- **Bayat A**, Saki N, Mirmomeni G, Yadollahpour A. Early Diagnosis of Hearing Loss in Patients Under Methadone Maintenance Treatment. *Front Neurol.* 2019; 10: 749.

28- **Bayat A**, Saki N, Nikakhlagh S, Mirmomeni G, Raji H, Soleimani H, Rahim F. Is COPD associated with alterations in hearing? A systematic review and meta- analysis. *Int J Chron Obstruct Pulmon Dis.* 2018; 14:149-162.

29- Yadollahpour A, Mayo M, Saki N, Rashidi S, **Bayat A**. A chronic protocol of bilateral transcranial direct current stimulation over auditory cortex for tinnitus treatment: Dataset from a double-blinded randomized controlled trial. *F1000Res.* 2018; 7: 733.

- 30- **Bayat A**, Mayo M, Rashidi S, Saki N, Yadollahpour A. Repeated sessions of bilateral transcranial direct current stimulation on intractable tinnitus: a study protocol for a double-blind randomized controlled trial. *F1000Res*. 2018; 7: 317.
- 31- Jafarzadeh S, Pourbakht A, Bahrami E, Jalaie S, **Bayat A**. Effect of Early Vestibular Rehabilitation on Vertigo and Unsteadiness in Patients with Acute and Sub-Acute Head Trauma. *Iran J Otorhinolaryngol*. 2018; 30(97): 85-90.
- 32- Yadollahpour A, **Bayat A**, Rashidi S, Saki N, Karimi M. Dataset of acute repeated sessions of bifrontal transcranial direct current stimulation for treatment of intractable tinnitus: A randomized controlled trial. *Data Brief*. 2017; 15: 40-46.
- 33- **Bayat A**, Saki N. Effects of Vestibular Rehabilitation Interventions in the Elderly with Chronic Unilateral Vestibular Hypofunction. *Iran J Otorhinolaryngol*. 2017; 29(93): 183-188.
- 34- Saki N, **Bayat A**, Hoseinabadi R, Nikakhlagh S, Karimi M, Dashti R. Universal newborn hearing screening in southwestern Iran. *Int J Pediatr Otorhinolaryngol*. 2017; 97: 89-92.
- 35- Faraji-Khiavi F, Dashti R, Sameni SJ, **Bayat A**. Satisfaction with Hearing Aids Based on Technology and Style among Hearing Impaired Persons. *Iran J Otorhinolaryngol*. 2016; 28(88): 321-327.
- 36- **Bayat A**, Farhadi M, Emamdjomeh H, Saki N, Mirmomeni G, Rahim F. Effect of conductive hearing loss on central auditory function. *Braz J Otorhinolaryngol*. 2017; 83(2): 137-141.
- 37- Dashti R, Khiavi FF, Sameni SJ, **Bayat A**. Satisfaction with Hearing Aids among Aged Patients with Different Degrees of Hearing Loss and Length of Daily Use. *J Audiol Otol*. 2015; 19(1): 14-9.
- 38- **Bayat A**, Farhadi M, Pourbakht A, Sadjedi H, Emamdjomeh H, Kamali M, Mirmomeni G. A comparison of auditory perception in hearing-impaired and normal-hearing listeners: an auditory scene analysis study. *Iran Red Crescent Med J*. 2013; 15(11): e9477.
- 39- **Bayat A**, Pourbakht A, Saki N, Zainun Z, Nikakhlagh S, Mirmomeni G. Vestibular rehabilitation outcomes in the elderly with chronic vestibular dysfunction. *Iran Red Crescent Med J*. 2012; 14(11): 705-8.

CONFERENCE PRESENTATIONS

- 1- **Bayat A**, Kaviani G, Peyvandi AA, Saki N, Nick-Akhlagh S (3-7 Sep 2006). "Detection of noise-induced hearing loss by otoacoustic emissions". 28th International Congress of Audiology, Austria

- 2- **Bayat A** , Akbari M (25-27 Feb 2006). “Floating mass transducer”. 5th Congress of Iranian Academy of Audiology. Razi Conference Hall, Tehran, Iran.
- 3- **Bayat A** (28 Dec 2006). “Early identification: audiologic tests”. Early Identification of Speech and Language Disorders in Hearing Impairment Children Symposium. Rehabilitation School, Ahvaz University of Medical Sciences, Ahvaz, Iran.
- 4- **Bayat A** (4 Jan, 2006). “Hearing aid fitting in auditory neuropathy”. Hearing Impairment and Hearing Aid Technology Conference. Milad Hospital, Tehran, Iran.
- 5- **Bayat A** (5-6 May 2005). “Auditory evoked potentials in acoustic shock”. 5th Congress of Occupational Health. Isfahan University of Medical Sciences, Isfahan, Iran.
- 6- **Bayat A**. “Auditory neuropathy: a report of 8 cases”. Audiology and Neurotology Congress. Razi Conference Hall, Tehran, Iran. 15-18 May 2004.
- 7- **Bayat A**, Farhadi M, Emamdjome H (21-22 Feb 2004). “Drill induced hearing loss during ear surgeries”. Noise & Health Congress. Imam-Reza Hospital, Mashhad.
- 8- **Bayat A**, Farhadi M, Emamdjome H (21-22 Feb 2004). “The effect of drilling on bone conduction thresholds following mastoidectomy. Noise Congress. Imam-Reza Hospital, Mashhad.
- 9- **Bayat A** (18-19 Feb 2002). “Auditory Processing in ADHD children. Sensory Integration Congress. Behzisti University. Tehran, Iran.
- 10- **Bayat A** , Akbari M (2-4 Nov 2002). “The effect of broad band noise on otoacoustic emissions”. 4th Congress of Audiology. Rehabilitation School, Tehran University of Medical Sciences, Tehran, Iran.
- 11- Akbari M, **Bayat A** (2-4 Nov 2002). “Changes in auditory system in hyperbilirubinemic infants after exchange transfusion”. 4th Congress of Iranian Academy of Audiology. Rehabilitation School, Tehran University of Medical Sciences, Tehran, Iran.
- 12- **Bayat A** (30 Apr 2002). “Auditory steady state evoked responses in screening of neonates. Behzisti University. Tehran, Iran.
- 13- **Bayat A** (3 Jun 2000). “Vestibular evoked potentials”. 5th Congress of Audiology Students. Rehabilitation School, Iran University of Medical Sciences, Tehran, Iran.

RESEARCH INTRESTS

- 1- Tinnitus
- 2- Cochlear implant
- 3- Vestibular function tests

LANGUAGE

Mother Tongue: Persian

Foreign Tongue: English (Excellent in Reading, Writing and Verbal Skills)