



Dr. Majid Ashrafi

PhD in Audiology

H-Index: 1

Date of Completion: 2023/10/17

Academic Affiliation

Assistant Professor of Audiology. Department of Audiology. School of Rehabilitation. Shahid Beheshti University of Medical Sciences, Tehran, Iran.

School of Rehabilitation,
Shahid Beheshti University of
Medical Sciences. Tehran, Iran



(+98) 21-77561721- (248)



m_ashrafi@sbm.ac.ir
majidashrafi51@gmail.com



Department of Audiology



About Me:

I am Dr. Majid Ashrafi. I am a graduate of PhD in Audiology from Tehran University of Medical Sciences. I have been working in the Department of Audiology at Shahid Beheshti of Medical Sciences, Tehran for 27 years until now. I am always energetic and eager to learn new skills. I am also an ambitious and hardworking individual, with broad skills and experience in research and teamwork. I am capable of handling multiple tasks on a daily basis and at the same time committed to learning and self-development so that I can consistently achieve better results. My fields of interests include assessment and rehabilitation of the vestibular system, electrophysiological assessments of the auditory system, central auditory processing, design and manufacture of equipment and software for assessment and rehabilitation of central auditory processing, assessment and treatment of tinnitus, assessment and hearing aid dispensing and multidisciplinary research.

Find me online



<https://orcid.org/0000-0001-6982-3644>



https://www.researchgate.net/profile/Majid_Ashrafi

Academic Educations

- **BSc in Audiology**, Department of Audiology, School of Rehabilitation, Shahid Beheshti University of Medical Sciences, Tehran. Iran (1992-1996).
- **MSc in Audiology**, Department of Audiology, School of Rehabilitation, Tehran University of Medical Sciences, Tehran. Iran (1999-2002).
- **PhD in Audiology** , Department of Audiology, School of Rehabilitation, Tehran University of Medical Sciences, Tehran. Iran (2015-2020).

Thesis Title

- **Thesis Title (BSc):** Audiometric applications at frequencies above 8000 Hz.

Supervisor: Mojtaba Khazaei

- **Thesis Title (MSc):** Prevalence of Hearing Loss and the Related Factors in Clients Referred to Audiology Clinic of Buali Hospital.

Supervisors: Mahin Sedaei, Dr. Mohammad Reza Fatholouloumi

- **Thesis Title (PhD):** The Effects of Dynamic Spatial Hearing Rehabilitation Combined with Transcranial Electrical Stimulation on Speech Perception in Noise in Elderly Men.

Supervisors: Dr. Mansoureh Adel Ghahraman , Dr. Ghasem Mohammad khani

Publications

- Published Articles

1. Ashrafi M, Fathololoumi M.R, Sedaei M, Fatahi J, Jalaei SH. Prevalence of Hearing Loss and the Related Factors in Clients Referred to Audiology Clinic of Buali Hospital. Auditory and Vestibular Research. 2004, 14 (22) :31 - 39.
2. Ashrafi M, Karimi Jalilvand L, Khosravi E, Shahidipour Z, Vafae F. Hearing screening in the elderly and evaluating the need for hearing aid. Audiology. 2008 , 16 (2): 38-46.
3. Ashrafi M, Mohammadzadeh A. Hearing status of thalassemic patients treated with desferrioxamine. Behbood J. 2011, 15: 365-71.
4. Ashrafi M, Fathololomi M.R, Tabatabai SM. The effect of Epley maneuver in the treatment of elderly patients with Benign Paroxysmal Positional Vertigo (BPPV). J Kermanshah Univ Med Sci.2012, 16 (7): 525-531.
5. Ashrafi M, Mohammadzadeh A. The Study of Voice Acoustic Parameters in Adult Athletes with Hearing Loss. Scientific Journal of Rehabilitation Medicine. 2016, 5(2): 226 - 234.
6. Ashrafi M, Mohammadzadeh A. Prevalence of auditory disorders in 3 to 6-year-old children in Tehran. Journal of Mazandaran University of Medical Sciences .2014, 23(2): 207-211.
7. Mohammadzadeh A, Ashrafi M. A review of some acoustic voice parameters in 6 to 11 years old children with severe to profound hearing impairment. J Res Rehabil Sci. 2014, 9(6): 1019-1028.

8. Pirasteh E, Akbari M, Pourbakht A, Ashrafi M, Saliminezhad M, Bahadori fard M. The Effect of Prenatal Stress on Auditory Brainstem Responses in Rat Pups. *J Health*.2018, 29(1): 407-410.
9. Zarrinkoob H, Ashrafi M. Test-retest Reliability of vestibular evoked myogenic potential components in air and bone conduction procedures in normal subjects. *J Res Rehabil Sci*. 2015, 4(3): 76-86.
10. Adel Ghahraman M, Ashrafi M, Mohammadkhani G, Jalaie SH. Effects of aging on spatial hearing. *Aging Clinical and Experimental Research* .2019, 32(4):733-739 .DOI: 10.1007/s40520-019-01233-3.
11. Ashrafi M, Adel Ghahraman M, Mohammadkhani G, Jalaie SH, Sadjedi H. The Effects of Dynamic Spatial Hearing Rehabilitation Combined with Transcranial Electrical Stimulation on Speech Perception in Noise in Elderly Men: A Randomized Clinical Trial. *Crescent Journal of Medical and Biological Sciences*.2021, 8(3):43-50.
12. Ashrafi, Majid, et al. "The Effects of Dynamic Spatial Hearing Rehabilitation Combined With Transcranial Electrical Stimulation on Speech Perception in Noise in Elderly Men: A Randomized Clinical Trial." *Crescent Journal of Medical & Biological Sciences* 8.4 (2021).
13. Ashrafi, Majid, and Mahsa Rezaei Sakha. "Development of a Binaural Masking Level Differences Test Application Using Tonal and Speech Stimuli in Persian and Assessing its Test-Retest Reliability in Normal-Hearing Young People." *Auditory and Vestibular Research* (2022).
14. Ashrafi, Majid, et al. "Development and Psychometric Evaluation of Persian Dynamic Spatial Quick Speech-in-Noise Test in Adults with Normal Hearing." *Auditory and Vestibular Research* (2022).
15. Ashrafi, Majid, Shahrokh Ramin, and Alireza Akbarzadeh Baghban. "The Effect of Weighted Contact Lens on Physiological Nystagmus in Young Healthy Subjects." *Auditory and Vestibular Research* (2023).
16. Jahangard, A., Ashrafi, M. Wideband Tympanometry (WBT) Features in Children with Cleft Palate and Otitis Media with Effusion Before and After Cleft Palate Surgery. *Indian J Otolaryngol Head Neck Surg* (2023).

Published Books

Researches & Grants

Department of Audiology, School of Rehabilitation, Tehran University of Medical Sciences, Tehran. Iran

- **Project:** The Effects of Dynamic Spatial Hearing Rehabilitation Combined with Transcranial Electrical Stimulation on Speech Perception in Noise in Elderly Men. (Code No: IRCT20160131026279N2 Grant No 97-02-32-38674).
- **Supervisor:** Dr. Mansoureh Adel Ghahraman
- **Executor:** Dr. Majid Ashrafi

Department of Audiology, School of Rehabilitation, Shahid Beheshti University of Medical Sciences, Tehran. Iran

- **Project:** Investigating the effect of Epley's maneuver on eye vestibular evoked muscle potentials in patients with benign paroxysmal positional vertigo (project code IR.SBMU.RETECH.REC.1398.714)
- **Supervisor:** Dr. Majid Ashrafi

Department of Audiology, School of Rehabilitation, Shahid Beheshti University of Medical Sciences, Tehran. Iran

- **Project:** Effects of aging on dynamic spatial auditory processing (project code IR.SBMU.RETECH.REC.1400.1194)
- **Supervisor:** Dr. Majid Ashrafi

Department of Audiology, School of Rehabilitation, Shahid Beheshti University of Medical Sciences, Tehran. Iran

- **Project:** Developing and Reliability and Validity Assessment of Persian version of Masking Level Difference Test with speech stimuli in Persian Speaker 18-25 Years Old Normal Adults. (Code No: IR.SBMU.RETECH.REC.1399.1133)
- **Supervisor:** Dr. Majid Ashrafi

Department of Audiology, School of Rehabilitation, Shahid Beheshti University of Medical Sciences, Tehran. Iran

- **Project:** The effect of weighted contact lens on physiological nystagmus in healthy young people (project code IR.SBMU.RETECH.REC.1400.711)

- **Supervisor:** Dr. Majid Ashrafi

Department of Audiology, School of Rehabilitation, Shahid Beheshti University of Medical Sciences, Tehran. Iran

- **Project:** Comparison of the effect of music on the speech perception in noise in binaural and monaural hearing aid users in the age range of 25-55 years (project code IR.SBMU.RETECH.REC.1401.66)
- **Supervisor:** Dr. Majid Ashrafi

Research Interest

1. Assessment and rehabilitation of the vestibular system
2. Electrophysiological assessments of the auditory system
3. Central auditory processing
4. Design and manufacture of equipment and software for assessment and rehabilitation of central auditory processing
5. Assessment and treatment of tinnitus
6. Hearing aid (Assessment and dispensing)
7. Multidisciplinary Research

Skills & Work Experiences

1. Clinical Audiologist, Department of Audiology, School of Rehabilitation and Buali Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran.1996-1998.
2. Member of the teaching staff of the Department of Audiology, School of Rehabilitation and Buali Hospital, Shahid Beheshti University of Medical Sciences, Tehran, Iran.1998-2003.
3. Faculty member, Department of Audiology. School of Rehabilitation Shahid Beheshti University of Medical Sciences, Tehran, Iran. From 2003 until Now.

University Teaching Experience

Professional Experience

1. Pediatric audiology
2. Hearing equipment and calibration principles
3. Principles of rehabilitation
4. Management in Audiology
5. Physiological tests of hearing
6. Professional ethics in audiology
7. Evaluation and rehabilitation of the vestibular system (master's degree), 2022
7. Seminar (PhD) , 2022
8. New evaluations of the vestibular system (PhD) , 2022

Clinical Instructor

1. Clinical Practicum: Pediatric Auditory Evaluation
2. Clinical Practicum: Hearing Screening in Primary School Students
3. Clinical Practicum: Adult Auditory Evaluation
4. Clinical Practicum: Evaluation and fitting of hearing aids
5. Clinical Practicum: Evaluation of the vestibular system
6. Clinical Practicum: Electrophysiological assessments of the auditory system

Teaching Workshops

1. Electrophysiological tests in infants, 2013
2. Vestibular system evaluation, 2014
3. Physiological tests of hearing, 2014
4. Physiology and pathophysiology of balance system, 2015

Congress, Conference, Seminar Presentations

- Oral Presentations

1. Effects of noise on hearing. The second of Noise, Health, Development Congress. Kashan University of Medical Sciences. Kashan. Iran, 2005.
2. Hearing evaluation of the drilling personnel of National Oil Company. The sixth of Iranian Audiology Congress Tehran. Iran, 2007.
3. Diagnosis and treatment of BPPV. The Seventh of Iranian Audiology Congress Tehran. Iran, 2008.
4. Prevalence of hearing loss using self-assessment questionnaire in elderly care centers in west Tehran. The Seventh of Iranian Audiology Congress Tehran. Iran, 2008.
5. Evaluation of hearing status in patients with thalassemia major treated with desferrioxamine. The eighth of Iranian Audiology Congress Tehran. Iran, 2009.
6. Comparison of head shaking nystagmus (HSN) in patients with unilateral weakness of caloric test and normal caloric response. The ninth of Iranian Audiology Congress Tehran. Iran, 2010.
7. Somatic tinnitus. The tenth of Iranian Audiology Congress Tehran. Iran, 2011.
8. Screening and assessing the need for hearing aids in the elderly. The ninth of International Congress of Audiology. Hong Kong, 2008.
9. How to perform and interpret vHIT results and compare diagnostic status with other tests, 2023

10. The clinical application of tympanometry, Acoustic reflex and eustachian tube function tests,2023

11. Wideband tympanometry,2023

- Poster Presentations

1. The effect of acupuncture on objective tinnitus of idiopathic cause. The fifth of Iranian Audiology Congress Tehran. Iran, 2006.
2. Auditory brainstem responses in audiometric threshold estimation. The sixth of Iranian Audiology Congress Tehran. Iran, 2007.
3. Evaluation of tympanometric screening in children aged 6 months to 6 years in kindergarten of Imam Hossein and Bouali hospitals in Tehran. The Seventh of Iranian Audiology Congress Tehran. Iran, 2008.
4. Use of nano-coatings in the body of the hearing aid. The eighth of Iranian Audiology Congress Tehran. Iran, 2009.
5. New methods of vestibular system rehabilitation. The ninth of Iranian Audiology Congress Tehran. Iran, 2010.
6. Evaluation of hearing and speech status of smokers referred to smoking cessation clinic of Shahid Beheshti University of Medical Sciences. The tenth of Iranian Audiology Congress Tehran. Iran, 2011.
7. Electrode implantation in the central parts of the auditory system. The eleventh of Iranian Audiology Congress Tehran. Iran, 2012.
8. Autotoxicity of cisplatin: The need for hearing monitoring in treated children. The twelfth of Iranian Audiology Congress Tehran. Iran, 2013.

9. Frequency transposing in hearing aids. The thirteenth of Iranian Audiology Congress Tehran. Iran, 2014.
10. Application of directionality in hearing aids. The fourteenth of Iranian Audiology Congress Tehran. Iran, 2015.
11. Pediatric neurodiagnostic audiology. The fifteenth of Iranian Audiology Congress Tehran. Iran, 2016.
12. Evaluation of some acoustic indicators of sound in children with severe to profound hearing loss. The sixteenth of Iranian Audiology Congress Tehran. Iran, 2017.

Cooperation with Journals as Reviewer:

1. Scientific Journal of Rehabilitation Medicine. <http://medrehab.sbmu.ac.ir/>
2. Scientific Journal of Forensic medicine. <http://sjfm.ir/>
3. Scientific Journal of Research in Rehabilitation Sciences <http://jrres.mui.ac.ir/index.php/jrres/>
4. Scientific Journal of Kerman University of Medical Sciences <http://hbrj.kmu.ac.ir/>
5. Scientific Journal of Mazandaran University of Medical Sciences. [http://jmums.mazums.ac.ir /](http://jmums.mazums.ac.ir/)
6. Scientific Journal of Kermanshah University of Medical Sciences. [http://jkums.ac.ir /](http://jkums.ac.ir/)
7. Auditory and Vestibular Research Journal of Tehran University of Medical Sciences [https://avr.tums.ac.ir /](https://avr.tums.ac.ir/)

Executive Experiences

1. Technical manager of the audiology clinic of Buali hospital. Shahid Beheshti University of Medical Sciences. Tehran. Iran. 1996-2003.
2. Technical manager of the audiology clinic of School of Rehabilitation Shahid Beheshti University of Medical Sciences, Tehran, Iran. 2005-2008.

3. Member of the scientific committee of the eleventh of student Audiology Congress Tehran. Iran, 2007.
4. Member of the executive committee of the Sixth of Iranian Audiology Congress Tehran. Iran, 2007.
5. Member of the scientific committee of the twelfth of student Audiology Congress Tehran. Iran, 2008.
6. Member of the board of the twelfth of student Audiology Congress Tehran. Iran, 2008.
7. Member of the executive committee of the seventh of Iranian Audiology Congress Tehran. Iran, 2008.
8. Member of the scientific committee of the seventh of Iranian Audiology Congress Tehran. Iran, 2008.
9. Member of the board of the First of Rehabilitation of the elderly congress. Tehran. Iran, 2008.
10. Responsible for supervising the design and reconstruction of the audiology clinic of the School rehabilitation Shahid Beheshti University of Medical Sciences, Tehran, Iran.2008-2009.
11. Member of the board and scientific committee of the eighth of Iranian Audiology Congress Tehran. Iran, 2009.
12. Member of the board and scientific committee of the ninth of Iranian Audiology Congress Tehran. Iran, 2010.
13. Member of the board and scientific committee of the tenth of Iranian Audiology Congress Tehran. Iran, 2011.
14. Member of the board and scientific committee of the eleventh of Iranian Audiology Congress Tehran. Iran, 2012.
15. Member of the Board and Scientific Committee of the thirteenth of student Audiology Congress Tehran. Iran, 2012.

16. Member of the board and scientific committee of the twelfth of Iranian Audiology Congress Tehran. Iran, 2012.
17. Member of the board and scientific committee of the thirteenth of Iranian Audiology Congress Tehran. Iran, 2013.
18. Member of the board and scientific committee of the thirteenth of Iranian Audiology Congress Tehran. Iran, 2014.
19. Member of the board and scientific committee of the fourteenth of Iranian Audiology Congress Tehran. Iran, 2014.
20. Member of the Board and Scientific Committee of the eighteenth of student Audiology Congress Tehran. Iran, 2015.
21. Member of the board and scientific committee of the fifteenth of Iranian Audiology Congress Tehran. Iran, 2016.
22. Member of the board and scientific committee of the sixteenth of Iranian Audiology Congress Tehran. Iran, 2017.
23. Member of the board and scientific committee of the seventeenth of Iranian Audiology Congress Tehran. Iran, 2018.
24. Technical manager of the audiology clinic of School of Rehabilitation Shahid Beheshti University of Medical Sciences, Tehran, Iran, 2020.
25. Member of the Research Council of School of Rehabilitation, Shahid Beheshti University of Medical Sciences. Tehran. Iran. From 2020 until Now.
26. Director of Audiology Department, Faculty of Rehabilitation Sciences, Shahid Beheshti University of Medical, Tehran. Iran. From 2020 until Now.

Courses

Training courses on fitting methods and familiarity with the latest technologies of different hearing aid brands and the latest in the science of audiology.

Memberships

1. Iranian Association of Audiology, 1999 until Now.
2. Islamic Republic of Iran Medical Council, 200۳ until Now.

Awards, Honors, and Achievements

Achieving first rank in bachelor's, master's, doctoral degrees

Participated in workshops & Courses

1. Student Clinical Evaluation ,2006
2. Electrophysiology and video nystagmography tests,2008
3. End Note,2008
4. Lesson Plan,2008
5. Research Methods,2010
6. Writing Scientific Articles in English,2011
7. First Aids and Passive Defense,2011
8. MATLAB software,2012
9. Oral Presentation,2012
10. How to Write a Peer Review in English for an Academic Journal.,2013
11. Advanced Statistical Analysis using SPSS,2013
12. Evaluation and management of tinnitus,2014
13. Central auditory processing disorders,2014
14. Speech mapping, hearing aids fitting, REM,2015
15. Dizziness and balance assessment,2015 & 2017
16. Design and development of educational curriculum,2016
17. Transcranial Electrical Stimulation(tDCS) ,2017

Certifications

1. ICDL (International Computer Driving License) Certification
2. End Note Certification
3. General correspondence course Certification
4. MHLE Certification

Charity Activities

1. Hearing assessment of preschool children
2. Hearing assessment of primary school children
3. Hearing assessment of Azad University students, Faculty of Arts
4. Evaluation of hearing and hearing rehabilitation of the elderly in day care centers
5. Cooperation with the Welfare Organization in holding training workshops

Languages

1. Persian: Native Languages
2. English: Level B1

References

1. **Dr.Ahmadreza Nazeri.** Assistant Professor of Audiology. Department of Audiology. School of Rehabilitation. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
Telephone Number: +98 912 185 6493
Email: a_nazeri@sbm.ac.ir, ahmadrezanazeri49@gmail.com
2. **Dr.Mansoureh Adel Ghahraman** Assistant Professor of Audiology. Department of Audiology. School of Rehabilitation, Tehran University of Medical Sciences, Tehran, Iran.
Telephone Number: +98 912 4586780
Email: madel@tums.ac.ir
3. **Dr. Sedigheh Sadat Naeimi.** Associate Professor of Physiotherapy. Department of Physiotherapy. Vice- Dean in Research and Technology of School of Rehabilitation, Shahid Beheshti University of Medical Sciences, Tehran, Iran
Telephone Number: +98 912 372 0617
Email: naemi.se@sbm.ac.ir, naemi.se@gmail.com