



**Maryam Emadi**

**Ph.D in Audiology**

**Assistant professor of Audiology**

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## EDUCATION

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**Ph.D.** Audiology, Iran University of Medical Sciences, Iran

**MSc**, Audiology, Tehran University of Medical Sciences, Iran

**BSc**, Audiology, Tehran University of Medical Sciences, Iran

## RESEARCH

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### TINNITUS

This part of my research focuses on tinnitus treatment through rehabilitation and combined.

### GENERAL AREAS OF AUDIOLOGY

This part of my research focuses on pediatric, adults and industrial audiology.

## WORK EXPERIENCE

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Academic Member of Fatmeh University of Medical Sciences, Qom- Iran (1997-2003)

Clinical audiologist cochlear implant research center, Amiralam Hospital, Tehran, Iran (2005-2010)

Faculty member. Hamadan University of Medical Sciences, Hamadan, Iran, (2011-present)

## PUBLICATIONS

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1. Effect of Cognitive Rehabilitation by Auditory Stroop Training on Quality of Life of Individuals with Tinnitus  
M Emadi, AR Rasa, A Moossavi, M Akbari - Indian Journal of ..., 2023
2. Combined Bifrontal Transcranial Direct Current Stimulation and Auditory Stroop Training in Chronic Tinnitus  
M Emadi, A Moossavi, M Akbari - ... Journal of Otolaryngology and Head & ..., 2023 –
3. Impact of Combined Bifrontal Transcranial Direct-Current Stimulation and Conflict Processing Training on Tinnitus: A Protocol for Single-Blind Randomized Controlled ...  
M Emadi, M Akbari, A Moossavi, S Jalaie... - Auditory and Vestibular ..., 2022
4. Testing A Hypothesis: Tinnitus Control by Enhancing Physiological Inhibition  
M Emadi, A Moossavi, M Akbari, S Jalaie... - Indian Journal of ..., 2021
5. Different aspects of disease recognition and offering a solution Running Title: Review of Tinnitus  
N Alizade, M Emadi, M Akbari - Clinical Excellence, 2019 - ce.mazums.ac.ir

6. Comparison of the transient evoked otoacoustic emissions (TEOAEs) and distortion products otoacoustic emissions (DPOAEs) in normal hearing subjects with and without tinnitus  
M Emadi, M Rezaei, S Najafi, A Faramarzi... - Indian Journal of ..., 2018
7. Effects of age, sex, ears, and weight on high frequency tympanometry 1000 Hz characteristics in neonates with normal transient evoked otoacoustic emission  
MB Shirejini, M Emadi, A Farahani... - Auditory and Vestibular ..., 2018 - avr.tums.ac.ir
8. Speech intelligibility in Persian hearing impaired children with cochlear implants and hearing aids  
M Rezaei, M Emadi, P Zamani... - Journal of Audiology & ..., 2017
9. The effect of mode of delivery and hospital type on newborn hearing screening results using otoacoustic emissions: based on screening age  
F Farahani, M Hamidi Nahrani, MA Seifrabiei, M Emadi
10. High frequency tympanometry (1,000 Hz) for neonates with normal and abnormal transient evoked otoacoustic emissions
11. M Emadi, M Rezaei, MH Nahrani, M Bolandi  
Journal of audiology & otology, 2016
12. Repetitive transcranial magnetic stimulation for tinnitus: influence of loudness and frequency of tinnitus on tinnitus suppression  
M Emadi, M Rezaei, F Farahani, M Haghghi... - Auditory and ..., 2016 - avr.tums.ac.ir
13. Auditory processing abilities in children with chronic otitis media with effusion  
B Khavarghazalani, F Farahani, M Emadi, Z Hosseni Dastgerdi  
Acta oto-laryngologica, 2016
14. Effects of noise exposure on hearing in industrial workers: Comparing the findings between pure tone audiometry and otoacoustic emission  
M Hamidi Nahrani, A Heidari, M Emadi, A Valadbeigi  
Journal of Mazandaran University of Medical Sciences, 2014•jmums.mazums.ac.ir
15. Hearing status of rubber factory workers  
M Emadi - Zahedan Journal of Research in Medical Sciences, 2014

## TEACHING

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### ***B.S Audiology Students:***

- *Auditory Training*
- *Psychoacoustic*
- *Teaching language to hearing impaired children*
- *Basic hearing evaluation*
- *Hearing of children*
- *Terminology*
- *Principles and basics of audiology rehabilitation*
- *Physiologic tests of audiology*
- *Audiology and its assessment (for BSC students of speech therapy)*

- *Clinical supervisor and instructor for BBC student of audiology (2010- present)*

## **PAPER PRESENTED IN COGRESS & SEMINARS**

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- Lecturer " tinnitus panel "19<sup>th</sup> Iranian Audiology congress Tehran Iran 2023
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- "Central auditory processing difficulties of tinnitus patients" 18<sup>th</sup> Iranian Audiology congress Mashhad Iran
- "Rehabilitation of tinnitus" The 2<sup>nd</sup> Avicenna congress of Neurorehabilitation Hamadan Iran
- "Neurophysiology of tinnitus" The first Avicenna congress of Neurorehabilitation Hamadan Iran 2016
- "tinnitus management" One-day seminar Hamadan University of medical sciences. Hamadan Iran 2016
- "Hearing aid and assistive listening devices" One-day seminar Hamadan University of medical sciences. Hamadan Iran 2016
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- Lecturer" Neurophysiologic aspects of tinnitus "16<sup>th</sup> Iranian Audiology congress Tehran Iran 2016
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- Lecturer" bothersome tinnitus panel 15<sup>th</sup> Iranian Audiology congress Tehran Iran 2016
- "rTMS for tinnitus"14<sup>th</sup> Iranian Audiology congress Tehran Iran 2016
- "Masking for tinnitus"13<sup>th</sup> Iranian Audiology congress Tehran Iran 2015
- "Management of ttinnitus"9<sup>th</sup> Iranian Audiology congress Tehran Iran 2011
- "Homeopathy for tinnitus"8<sup>th</sup> Iranian Audiology congress Tehran Iran 2010
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- Lecturer" tinnitus panel" 7<sup>th</sup> Iranian Audiology congress Tehran Iran 2009
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- "Assessment of tinnitus" 2<sup>th</sup> Iranian Audiology congress Tehran Iran 1996
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- " Assessment the maskability of tinnitus"2<sup>th</sup> International congress of geographic medicine" Shiraz Iran 1996

## **AWARDS**

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1. B.SC top graduate
  - 2.top lecturer (faculty of rehabilitation of fatemieh University Qom-Iran 2000)
  3. top lecturer (faculty of rehabilitation of Hamadan University of Medical Sciences 2014)
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## RESEARCH PROJECTS

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1. Evaluation of the effect of use of simultaneous transcranial random noise stimulation and sound therapy in tinnitus control. (Hamadan university of medical sciences)
2. Investigation of the effect of loudness and pitch of tinnitus in suppression with rTMS (Hamadan university of medical sciences)
3. Evaluation of central auditory processing in tinnitus patients. (Hamadan university of medical sciences)
4. Comparison TEOAE and DPOAE in normal hearing subjects with and without tinnitus (Hamadan university of medical sciences)
5. Comparison of non-word repetition test in children with auditory processing disorder with normal children aged 8-12 year in Hamadan city (Hamadan university of medical sciences)
6. Comparison of auditory processing ability in children with history of otitis media with normal children aged 8- 10 years in Hamadan city (Hamadan university of medical sciences)
7. Investigation of characteristics of high frequency tympanometry (1000 HZ) in children with normal and abnormal TEOAE. (Hamadan university of medical sciences)
8. Investigation of latency of ABR in normal hearing subjects with and without tinnitus. (Hamadan university of medical sciences)
9. Investigation of hearing of patients with PKU. (Hamadan university of medical sciences)
10. Assessment of the maskability of tinnitus. (Hamadan university of medical sciences)
11. Study of salivary biomarkers oxidative stress in normal hearing subjects with and without Tinnitus (Hamadan university of medical sciences)
12. Investigating the effect of melatonin and valerian compared to placebo in the treatment of tinnitus (Hamadan university of medical sciences)
13. Investigating the relationship between cochlear implant surgery age and vowel space of cochlear implanted deaf people. (Hamadan university of medical sciences)
14. Evaluation of the level of satisfaction of occupational therapy students with the use of log book of daily clinical activities. (Hamadan university of medical sciences)

## LANGUAGES

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**Persian** (mother language); **English**

