

CURRICULUM VITAE



Mehdi Dehghan

Speech & Language Therapist

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Qualifications

- PhD candidate (started from 2024): Department of Speech Therapy, Tehran University of Medical sciences, Tehran, Iran
- M.Sc. (Speech Therapy) (2003-2007): Department of Speech Therapy, University of Welfare and Rehabilitation sciences, Tehran, Iran
- B.Sc. (Speech Therapy) (1999-2003): Department of Speech Therapy, University of Welfare and Rehabilitation Sciences, Tehran, Iran

Teaching Experience

- Differential Diagnosis in speech and language disorders (2014 - 2020)
- Voice and Voice disorders (2014 -2024)
- Resonance and its disorders (2014 -2024)
- Dysphagia (2014 -2024)
- Para-Clinic Methods in Speech Therapy (2014 up to now)
- Clinical Courses (20 units per year) (2014 -2024)
- Aphasia (2015 - 2018)
- Dysfluencies of Speech (2013 – 2016)
- ABC of Rehabilitation (2013)
- Normal Development of Speech and Language (2013 & 2014)
- ABC of Speech Therapy (2012 - 2014)(2019 up to now)
- Motor speech Disorders (2023)
- Professional Ethics in speech therapy (2019 up to now)

Projects

- MSc: Effects of teaching whole word reading rather than traditional methods in speech and Language of 4-10 years old down syndrome children (2007)
- BSc: Normalization of an object and action naming battery in Persian (2003)
- Prevalence of stuttering in Babol Students (2011)
- The investigation of communication attitudes of students who stutter (2013)
- The study of speech and language development in children conceived by assisted reproductive techniques (2015)
- The study of vowel space and formants structures in 18-40 years old persons with mazandaran dialect (2015)

- The frequency of dysphagia in patient with stroke between years 2014-2015: A retrospective study (2016)
- Assessment of cricoarythenoid joint involvement in Rheumatoid arthritis patients versus non-RA by rigid endovision laryngoscopy: A case-control study(2016-2018)
- A comparison of voice acoustic parameter changes in 18-50 years old patients with vocal folds nodule and polyp versus control group (2016-2017)
- The comparison between sensory and motor Aphasia resulting from acute CVA (2017-2018)
- The frequency of Aphasia in patients with acute and chronic traumatic brain injury (2017-2018)
- The study of infants' sucking tester (2018-2019)

Publications

- Effect of Teaching Reading and Traditional Methods of Language Therapy on receptive and expressive Quotient of Children with Down Syndrome: Journal of Rehabilitation.2008; 9(3&4):50-56.
- Vocal Parameters of Adults with Down Syndrome in Zahedan /Iran;Journal of Kerman University of Medical Sciences. 2009; 16(4): 333-341
- Effect of age and gender on stuttering in the students of Babol (Iran) in educational years 2010-2011. J BabolUniv of Med Sci.2013;15(2):88-94
- Etiologies of Dysphonia in Patients Referred to ENT Clinics Based on videolaryngoscopy; Iranian Journal of Otorhinolaryngology. 2014; 26(3), serial No.76: 169-174
- Effect of Teaching Reading and Traditional Methods of Language Therapy on Grammatical Quotient of Children with Down Syndrome; Zahedan J Res Med Sci.2014; 16(5): 54 -58
- Candida laryngitis appearing as carcinoma; Caspian J Intern Med, 2015; 6(4): 141-147
- Oropharyngeal Dysphagia according to the location of Damage in patients with stroke. Afzalipour Journal of clinical Research. 2017; 2(3-4): 130-135

- Survey of communication attitude in stuttering students at Babol city, J Rehab Med. 2019; 8(1):95-102
- Speech and Language development of children born following Assisted Reproductive Technologies. International Journal of Pediatric Otorhinolaryngology, July 2020, Volume 134
- The effects of Rheumatoid Arthritis on the Larynx. Iranian Journal of Otorhinolaryngology. May 2020, Volume 32(3), Serial No. 110.
- The study of Vowel space and Formants in Mazandaran Language. Iranian Journal of Rehabilitation. July 2020, Volume 21, Number 2.
- Translation, Validity, and Reliability of the Persian Version of the Aging Voice Index. Journal of Voice, March 2021, Volume 35, Issue 2.
- Verbal and oral apraxia in patients with acutestroke: Frequency, relationship, and some riskfactors. APPLIED NEUROPSYCHOLOGY: ADULT, 2021, DOI: 10.1080/23279095.2021.1993225
- Examining the frequency of dysphagia and the predictive factors of dysphagia that require attention in patients with Parkinson's disease. *Annals of clinical and experimental neurology*. 2023; 17(1). DOI: <https://doi.org/10.54101/ACEN.2023.1.2>
- A Pilot Study of Developing an Infant Sucking Tester Instrument. Iranian Rehabilitation Journal, 2022; 20(1):53-60. <http://dx.doi.org/10.32598/irj.20.1.1450.1>, <http://dx.doi.org/10.32598/irj.20.1.1450.1>
- Correlation between Brain Lesion Site and Fluent/Non-Fluent Aphasia. J Mazandaran Univ Med Sci 2022; 32 (215): 157-162 (Persian).
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Ongoing projects

- Etiologies of Dysphonia in Patients with long-term Covid 19 Referred to ENT Clinics Based on Stroboscopy.
- Frequency and factors associated with dysphagia in Parkinson's disease based on Fiber-optic Endoscopic Evaluation of Swallowing (FEES).
- Coping strategies and Voice Activity Participation in elderly people.
- Development of Voice care Knowledge scale for elementary school teachers in Iran.
- Coping strategies, Voice related quality of life, and voice activity in Koran readers in Iran.

Investigating the effectiveness of premature Infant oral motor Intervention (PIOMI) and fucile methods in improving the feeding skill of preterm infants admitted to the Neonatal Intensive Care Unit of Ayatollah Rouhani Hospital: A Randomized Controlled Trial

Professional Experiences

- Member of managing board of Iran SLP Association (2012-2016)
- Head of managing board of Iran SLP Association in Mazandaran provenance (2019 up to now)
- Faculty member of Babol University of Medical Sciences (2009 up to now)
- Responsible for setting up Speech therapy Department in Babol University of Medical Sciences (2009-2011)
- Head of Speech therapy Department (2012 -2023)
- Manager of talented students unit in Education Development Center (EDC) of M.U. Babol (2010-2013)
- Member of Mazandaran Cleft Palate Association (2016 up to now)
- Speech therapist in Mazandaran Cochlear Implant (2018 -2023)
- Private Speech therapist (2003 up to now)

Interests & Clinical Experiences

- **Stroboscopy, Nasopharyngoscopy, Nasometry, FEES,**
- **Voice therapy**
- **Dysphagia**
- **Cleft Palate**

Inventions

- **Infant Sucking Tester (IST) as an early diagnostic device; registered as a patent in the Iran's National Elites Foundation with the code: 90944**

Honors and Awards

- **Bronze Prize**, to invent “ Infant sucking tester “ exhibited at the Seoul International Invention Fair 2016, organized by the Korea Invention Promotion Association
- **Special Award** to invent “IST” by President of Taiwan Invention Association at Seoul International Association Fair 2016
- **Golden Prize**, to invent “revised IST” in 12th International Robonit-Robotic Competition, Iran 2017