

CURRICULUM VITAE



Mehdi Dehghan

Speech & Language Therapist

Faculty member of Babol University of Medical Sciences

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Qualifications

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

Teaching Experience

- Differential Diagnosis in speech and language disorders (2014 up to 2020)
- Voice and Voice disorders (2014 up to now)
- Resonance and its disorders (2014 up to now)
- Dysphagia (2014 up to now)
- Para-Clinic Methods in Speech Therapy (2014 up to now)
- Clinical Courses (20 units per year) (2014 up to now)
- 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...)

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 the object and action naming test 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)
- Frequency and factors associated with dysphagia in Parkinson's disease based on Munich Dysphagia Test-Parkinson's Disease questionnaire (MDT-PD).

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 Babol Univ 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 acute stroke: Frequency, relationship, and some risk factors. APPLIED NEUROPSYCHOLOGY: ADULT, 2021, DOI: 10.1080/23279095.2021.1993225
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Ongoing projects

- Etiologies of Dysphonia in Patients with Covid 19 Referred to ENT Clinics Based on Stroboscopy.
- The study of effects of Cricithyroid Visor Maneuver (CVM) and Manual Circumlaryngeal Technique (MCT) on quality of voice in patients with MTD.
- Evaluation of the effectiveness of Neuromuscular Electro Stimulation (NMES) compared to Traditional Voice Therapy Techniques on quality of voice in patients with vocal cord paralysis following thyroidectomy.
- Evaluation of the effectiveness of Neuromuscular Electro Stimulation compared to Traditional Rehabilitation Techniques on dysphagia in patients with neurological disorders.
- 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.

Professional Experiences

- Member of managing board of Iran SLP (2012-2016)
- 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 up to 2022)
- 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 up to now)
- 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