

Shiva Ebrahimian Dehaghani, PhD

Associate Professor, Faculty Member

Department of Speech & Language Pathology, School of Rehabilitation

Shiraz University of Medical Sciences, Shiraz, Iran

Phone: +98-71-36271552

ebrahimsh@sums.ac.ir, sebrahimian2001@gmail.com

Education

Ph.D., University of Social Welfare & Rehabilitation Sciences, Tehran, Iran 2011-2016

Major: Speech & Language Pathology

Research Advisors: Dr. Fariba Yadegari and Dr. Ali Asgari

Dissertation Title: "Introducing and testing a model to explain swallowing disorder based on the location of brain lesion and cognitive status in stroke patients."

M.Sc., University of Social Welfare & Rehabilitation Sciences, Tehran, Iran 2000-2002

Major: Speech Therapy

Research Advisors: Prof. Reza Nilipoor and Dr. Fariba Yadegari

Dissertation Title: "The correlation between expressive language and receptive language in down syndrome children"

B.Sc., Esfahan University of Medical Sciences, Esfahan, Iran 1995-1999

Major: Speech & Language Pathology

Awards and Honors

- **Outstanding Best Teaching Award**, Shiraz University of Medical Sciences, 2022
- **Outstanding Best Teaching Award**, Shiraz University of Medical Sciences, 2016
- **Iran Ministry of Health Doctoral Scholarship**, 2011-2016

Research Interests

- Neuronal controlling of swallow
- Sensory integration in treatment of swallowing disorders caused by neurogenic disorders
- Assessment of swallowing disorders
- Motor speech disorders

Clinical Experience

Multiple medical and rehabilitation centers in Esfahan province 2003-2009

- Treating cerebral palsy children in Arman Rehab. Center, Esfahan, Iran
- Treating mentally retarded children in Amin Medical Center, Najafabad, Iran
- Research on methods of clinical supervision in speech therapy

Medical Assistant

1999-2002

Pooyesh Rehabilitation Center, Tehran, Iran and Saadat Rehabilitation Center, Esfahan, Iran

- Treating mentally retarded children & cerebral palsy children

Clinical Intern

1997-1998

Esfahan, Iran

- Treating mentally retarded children & cerebral palsy children in Beheshtian Special School
- Performing hearing screening for school-age children

Publications

- **Ebrahimian Dehaghani S.**, Ranjbari A., Rostami Pour Fard Gh., Vali M., (2025) “The effectiveness of Parent mediation communication focused method on improving receptive and expressive language in Autism spectrum disorders symptoms: a systematic review and meta-analysis” *Journal of Health Sciences and Surveillance System*, 13,(2): 127-135.DOI: 10.30476/jhsss.2024.100848.1851
- Aghili E., Ashtari A.* , Bakhtiyari ., Noroozi M., **Ebrahimian Dehaghani S.***, Jeddi M., (2024) “Screening oropharyngeal dysphagia in diabetic patients and its possible effects on their quality of life” *Middle East J Rehabil Health Stud.*, 11,(3): e143122.DOI: 10.5812/mejrh-143122
- **Ebrahimian Dehaghani S.**, Hoseinzadeh Mofrad A., Salahi Ardakani A., (2024) “Combined Thermal and Neuromuscular Stimulations for Stroke- Related Dysphagia: A Pilot Randomized Clinical Trial “, *Journal of Rehabilitation Sciences and Research*, 11(1): 50-57. DOI: 10.30476/jrsr. 2023.98554.1367.
- **Ebrahimian Dehaghani S.**, Bakhtiyari J., Salmani M., Shahabi S., Tahooneh A., Alibakhshi H., (2023) “Effects of Rehabilitative Exercises on Swallowing Function in Elderly People: A Pilot Randomized Controlled Trial.”, *Middle East J Rehabil Health Stud.*, DOI: 10.5812/mejrh-130196
- Chegeni M, **Ebrahimian Dehaghani S.**, Lotfi M, Salami Z., (2022) “Comparison of Brain Atrophic Changes in Dementia Patients with and Without Swallowing Dysfunction.”, *Journal of Rehabilitation Sciences and Research*, 9(2): 72- 78. DOI: 10.30476/jrsr.2022.93898.1251.
- **Ebrahimian Dehaghani S.**, Jalilevand, N.. (2022) “Oral Motor Indexes in Iranian 4- to 9-month-old infants: A short report”, *Iranian Journal of Pediatric Nursing (JPEN)*, 8(4): 62- 70.
- **Ebrahimian Dehaghani S.**, Hoseinzadeh Mofrad A., Bakhtiyari J. (2021) “Comparison of the rate of verbal oral movements in healthy younger and older native speakers of Persians”, *Journal of Rehabilitation Sciences and Research*, 8(3): 121- 125. DOI: 10.30476/jrsr.2021.90508.1147

- **Ebrahimian Dehaghani S.**, Doosti A. and Zare M., (2021) “Association between swallowing disorders and cognitive disorders in adults: a systematic review and meta-analysis”, *Psychogeriatric*, 1- 7. DOI: 10.1111/psyg.12704.
- **Ebrahimian Dehaghani S.**, Jafari S. and Lotfi M., (2021) “Evaluating the Role of Cognitive Function in the Occurrence of Dysphagia in Patients with Dementia: A Study Protocol”, *Middle East J Rehabil Health Stud.*, 8(2): 1- 5. DOI: 10.5812/mejrh.110986.
- **Ebrahimian Dehaghani S.**, Bijankhan M., Arjmandpur F. and Mozoonei H. (2020) “Description of Three Time-Domain Speech Features in Children with Down syndrome: A pilot study”, *Journal of Rehabilitation Sciences and Research*, 7(2): 75- 79. DOI: 10.30476/jrsr.2020.85370.107
- **Ebrahimian Dehaghani S.**, Ebrahimian M., and Mohammadianfar F., (2020) “The study of the effect of neuromuscular electrical stimulation on treating absent gag reflex in children: a case study”, *Journal of Rehabilitation Sciences and Research*, 7(1): 43- 46. DOI:10.30476/jrsr.2020.83909.1048.
- **Ebrahimian Dehaghani S.**, Yadegari F., Asgari A., and Bagheri Z., (2019) “The mediator effect of cognition on the relationship between brain lesion location and dysphagia in patients with stroke: applying a structural equation model”, *Journal of oral Rehabilitation*, 46: 33–39. DOI: 10.1111/joor.12722.
- **Ebrahimian Dehaghani S.**, Yadegari F., Asgari A., Chitsaz A., and Karami M., (2016) “Brain Regions Involved in Swallowing: Evidence from Stroke Patients in a Cross-Sectional Study”, *Journal of Research in Medical Sciences*, 21:45, DOI: 10.4103/1735-1995.183997
- **Ebrahimian Dehaghani S.**, Khosropoor Z., Yousefzadeh H., Hamedanchi A., and Karami M., (2016) “Development, Validity and Reliability of Dysphagia Assessment Test in Iranian Adults after Stroke”, *International Journal of Travel Medicine and Global Health*, 4(2):53-56, DOI: 10.20286/ijtmgh-04024
- **Ebrahimian S.**, (2015) “Detect Relation of Brain Lesions and Presence of Dysphagia in Acute Conscious Stroke Patients”, Abstract in Proceedings of 4th International Conference and Exhibition on Neurology & Therapeutics, *Journal of Neurol Neurophysiol* , 6(3):35, DOI: [10.4172/2155-9562.S1.025](https://doi.org/10.4172/2155-9562.S1.025)
- Yagini O., Danesh F., Mahmoudian T., Beigi B., and **Ebrahimian S.**, (2012) “Evaluation of Developmental Delay in Children Who Came in for 6th Month Vaccination in Esfahan City Health Centers”, *Iranian Journal of Child Neurology*, 6(2):29-32
- **Ebrahimian S.**, Nilipoor R., (2003) “The Correlation Between Expressive Language and Receptive Language in Down Syndrome Children with 4-5 Years of Mental Age”, *Journal of Research on Exceptional Children*, 8(2):161-176
- **Ebrahimian S.**, (2002) “Etiology of Dysphagia” (translation to Farsi), *Journal of Sokhan*, Esfahan University of Medical Sciences, 2(2)
- **Ebrahimian S.**, (2002) “Putting Things in Context” (translation to Farsi), *Journal of Sokhan*, Esfahan University of Medical Sciences, 1(4)
- **Ebrahimian S.**, Mehralian Z., (1999) “Collecting Checklist of History and Evaluation of Voice Disorders, Resonance Disorders and Motor Speech Disorders and Adapting them to Persian Language”, Technical Report (B.Sc. Dissertation), Esfahan University of Medical Sciences, Esfahan, Iran

Lectures and Presentations

- **Ebrahimian Dehaghani S.**, Ranjbari A., Rostami Pour Fard Gh., Vali M., (2024) “ The effectiveness of Parent mediation communication focused method on improving receptive and expressive language in Autism spectrum disorders symptoms: a systematic review and meta-analysis”, 18th National Congress of Speech Therapy, December 19-20, 2024, Tehran, Iran.
- **Ebrahimian S.**, (2020) “The role of speech and language pathologists in the management of cerebral palsy”, National Congress on New Approaches in Cerebral Palsy Rehabilitation, Sep. 24-26, 2020, Shiraz, Iran.
- **Ebrahimian S.**, (2019) “The mediator effect of cognition on the relationship between brain lesion location and dysphagia in patients with stroke: Applying a structural equation model”, 3rd World Congress on Neurology & Therapeutics, Oct 7-8, 2019, Madrid, Spain.
- **Ebrahimian S.**, (2018) “Swallowing disorder in stroke patients with structural equation model: The interaction of cognition and brain lesion location”, 3rd Avicenna Congress on Neurorehabilitation, Oct 4-5, 2018, Hamadan, Iran (Best oral presentation award).
- **Ebrahimian S.**, (2018) “Study on comparing acoustic properties of down syndrome children and normal children”, 16th National Congress of Speech Therapy, May 10-11, 2018, Tehran, Iran.
- **Ebrahimian S.**, (2018) “the speech therapist role in stroke management”, Multidisciplinary approaches in treatment and rehabilitation of stroke, Feb. 8, 2018, Shiraz, Iran.
- **Ebrahimian S.**, (2015) “Detect Relation of Brain Lesions and Presence of Dysphagia in Acute Conscious Stroke Patients”, Proceedings of 4th International Conference and Exhibition on Neurology & Therapeutics, July 27-29, 2015, Rome, Italy
- **Ebrahimian S.**, (2012) “Using Somatosensory Stimulation to Activate Auditory Cortex (A Literature Review on Auditory-Somatosensory Multisensory Interactions”, 11th National Congress of Speech Therapy, May 9-11, 2012, Esfahan, Iran
- **Ebrahimian S.**, (2010) “Investigating Auditory Discrimination of Persian Vowels in Hearing-Impaired Children”, 10th National Congress of Speech Therapy, February 15-17, 2010, Ahvaz, Iran
- **Ebrahimian S.**, (2010) “A Study on the Relation between Receptive and Expressive Language in Down’s Syndrome Children with Mental Age of 4-5 Years”, 28th World Congress of International Association of Logopedics and Phoniatics (IALP), August 22-26, Athens, Greece
- **Ebrahimian S.**, (2010) “A Study on Comprehension of Special Prepositions in Normal Children of 3-5 Years Old”, 28th World Congress of International Association of Logopedics and Phoniatics (IALP), August 22-26, Athens, Greece
- **Ebrahimian S.**, (2010) “Assessment and Treatment of Syntactic and Semantic Aspects of Language”, Seminar in School of Rehabilitation, Shiraz University of Medical Sciences, March 2010, Shiraz, Iran
- **Ebrahimian S.**, (2009) “New Methods in Treating Dyslexia”, Seminar in School of Rehabilitation, Shiraz University of Medical Sciences, October 2009, Shiraz, Iran
- **Ebrahimian S.**, (2009) “Treatment of Cortical Blindness in 5 Children Suffering Cerebral Palsy”, Congress on New Approaches in Rehabilitation of Movement Dysfunction in Specific Conditions, Jundishapour University of Medical Sciences, February 17-19, 2009, Ahvaz
- **Ebrahimian S.**, (2004) “Treatment of Expressive Language in Congenital Cerebellar Atrophy”, Congress of Language-Nervous System-Artificial Intelligence, School of Letters and Humanities, Ferdowsi University, February 17, 2004, Mashhad, Iran

- **Ebrahimian S.**, (2002) “Function of Course Plan in Speech Language Pathology Clinical Supervision”, Seminar in School of Rehabilitation, Esfahan University of Medical Sciences, February 10, 2002, Esfahan, Iran
- **Ebrahimian S.**, (2002) “Function of Course Plan in Speech Language Pathology Clinical Supervision”, Seminar in School of Rehabilitation, Esfahan University of Medical Sciences, February 10, 2002, Esfahan, Iran
- **Ebrahimian S.**, (2000) “Using Prosthesis to Help Speech Development”, Seminar in School of Rehabilitation, Esfahan University of Medical Sciences, December 2000, Esfahan, Iran

Workshops

- **Ebrahimian S.**, (2018) “Treatment of neurogenic Swallowing Disorders”, Shiraz University of Medical Sciences, Jul. 12, 2018, Shiraz, Iran
- **Ebrahimian S.**, (2017) “The role of speech therapist in stroke unit”, Shiraz University of Medical Sciences, Feb. 24, 2017, Shiraz, Iran
- **Ebrahimian S.**, (2016) “Assessment and Treatment of Swallowing Disorders in Children”, Shiraz University of Medical Sciences, March 9, 2016, Shiraz, Iran
- **Ebrahimian S.**, (2016) “Assessment of Swallowing Disorders”, Mashhad University of Medical Sciences, December 30, 2016, Mashhad, Iran
- **Ebrahimian S.**, (2012) “Assessment of Swallowing Disorders”, Mashhad University of Medical Sciences, December 16, 2012, Mashhad, Iran

Professional and Academic Affiliations

- | | |
|---|------------------|
| • Faculty Member, Department of Speech & Language Pathology, Shiraz University of Medical Sciences, Shiraz, Iran | 2009-present |
| • Head of Speech & Language Pathology Group, Shiraz University of Medical Sciences, Shiraz, Iran | 2009-2011 |
| • Member of Iranian Scientific Speech Therapy Association | 2012-present |
| • Chair of Speech and Language Pathology Scientific Committee, Fars Province Branch | May 2017-present |
| • Member of Medical Council of Iran, | 2006-present |
| • Member of Editorial Board and Internal Manager of Sokhan Journal
Esfahan University of Medical Sciences, Esfahan, Iran | 2002-2003 |

Teaching Experience

Shiraz University of Medical Sciences, Shiraz, Iran

2009-present

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|---|--------------------------|
| • Introduction to Speech Therapy
Instructor | Spring 2008, 2009 |
| ▪ Developing course curriculum | |
| ▪ Holding weekly lectures and office hours | |
| • Swallowing disorder
Instructor | Fall 2010-2018 |
| ▪ Developing course curriculum | |

- Holding weekly lectures and office hours
- **Articulation and phonological disorders** **Spring 2011-2018**
Instructor
 - Developing course curriculum
 - Holding weekly lectures and office hours
- **Differential diagnosis in speech therapy** **Spring 2011-2018**
Instructor
 - Developing course curriculum about differential diagnosis in oral motor disorder
 - Holding weekly lectures and office hours

Teaching Experience (continued)

- **Speech therapy in children with cerebral palsy** **Fall 2009-2018**
Instructor
 - Developing course curriculum
 - Holding weekly lectures and office hours
- **Normal speech and language development** **Spring 2008, 2009, 2018**
Instructor
 - Developing course curriculum
 - Holding weekly lectures and office hours
- **Speech therapy in mental retardation and pervasive developmental Disorders** **Fall 2016, 2009**
Instructor
 - Developing course curriculum
 - Holding weekly lectures and office hours
- **Clinical practice course** **Fall 2015, 2016 & Spring 2016**
Instructor
 - Holding weekly lectures and office hours
- **Augmentative and alternative communication** **Spring 2015**
Instructor
 - Holding weekly lectures and office hours

University of Welfare & rehabilitation Sciences, Tehran, Iran **2010-2012**

- **Clinical practice course** **Fall 2010, 2011 & Spring 2011, 2012**
Instructor
 - Holding weekly lectures and office hours
- **Augmentative and alternative communication** **Spring 2012**
Instructor
 - Holding weekly lectures and office hours

Esfahan University of Medical Sciences, Esfahan, Iran **1999-2003**

- **Clinical practice course** **Fall 2000-2002 & Spring 1999-2003**
Instructor
 - Holding weekly lectures and office hours

Research Grants

- Grant No. 51-20704 for Research Project Entitled: " Relation of swallowing and cognitive disorders in adults: Systematic review and meta-analysis", Shiraz University of Medical Sciences, Shiraz, Iran, 2020
- Grant No. 51-20053 for Research Project Entitled: " Evaluating the Mediator Role of Cognitive Disorder in Occurrence of Dysphagia in Patients with Dementia", Shiraz University of Medical Sciences, Shiraz, Iran, 2020
- Grant No. 51-17765 for Research Project Entitled: " Investigating the effectiveness of tactile stimulation in improving oral assessment and dysphagia in patients with stroke and dysphagia", Shiraz University of Medical Sciences, Shiraz, Iran, 2019
- Grant No. 51-18881 for Research Project Entitled: " Detection of Oral Motor Indexes in normal infants between 7 to 9 months old", Shiraz University of Medical Sciences, Shiraz, Iran, 2019
- Grant No. 51-16314 for Research Project Entitled: " Detection of Oral Motor Indexes in normal infants between 4 to 6 months old", Shiraz University of Medical Sciences, Shiraz, Iran, 2018
- Grant No. 51-16797 for Research Project Entitled: " Determination of diadochokinesis indicators in healthy elderly people ", Shiraz University of Medical Sciences, Shiraz, Iran, 2017
- Grant No. 51-14649 for Research Project Entitled: " Determination of diadochokinesis indicators in healthy young people", Shiraz University of Medical Sciences, Shiraz, Iran, 2017
- Grant No. 293010 for Research Project Entitled: " Detecting Brain location involved swallow based on brain lesion of stroke patient.", University of Social Welfare & rehabilitation Sciences, Tehran, Iran, 2014
- Grant No. 88-4995 for Research Project Entitled: "An Investigation into Hearing-Impaired Children's Auditory Discrimination of Persian Vowels and Consonants", Shiraz University of Medical Sciences, Shiraz, Iran, 2010
- Grant No. 81247 for Research Project Entitled: "A Study in Comprehension of Spatial Preposition in Normal Children 3-5 years old", Esfahan University of Medical Sciences, Esfahan, Iran, 2002
- Grant No. 89-5344 for Research Project Entitled: "Comparison between Syntactic, Semantic and Phonological Skills of Children with Cochlear Implant and Children with Normal Hearing", Shiraz University of Medical Sciences, Shiraz, Iran, 2010