

Curriculum vitae

Full Name: Kowsar Baghban

PhD of Speech & Language Pathology

Assistant professor of Department of Speech Therapy

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❖ Education, Qualifications and Memberships:

2015-2020	PhD of Speech & Language Pathology University of Social Welfare & Rehabilitation Sciences, Tehran, Iran
2010-2012	MSc in Speech and Language Pathology, Tehran University of Medical Sciences, Tehran, Iran.
2006-2010	BSc in Speech and Language Pathology Isfahan University of Medical Sciences, Isfahan, Iran.

- Member of researchers in Craniofacial Anomalies and Cleft Palate research center, Isfahan University of Medical Sciences, Isfahan, Iran. 2015-present.
- Reviewer in Craniofacial Anomalies and Cleft Palate research center, Isfahan University of Medical Sciences, Isfahan, Iran. 2015-present.
- Reviewer in The Scientific Journal of Rehabilitation Medicine. 2015- present.
- Reviewer in Pajoohan journal in Hamadan University of medical science. 2013-present
- Superior Lecturer of Rehabilitation School in Hamadan University of Medical Science,2015.
- Member of EDO and EDC in Rehabilitation school and Hamedan University of

Medical science.2013-2015.

- Member of Hamedan Cleft Lip and Palate Team, 2013-present.
- Member of Iranian Medical Council (ID Number: 1108, Speech Therapy) .
- Member of Iranian Speech Therapy Scientific Association.
- Member of Research council in Rehabilitation school, Shiraz University of Medical University.2012-2013
- Member in early Intervention committee of Isfahan cleft lip and palate team, 2011.

❖ **Course teaching:**

1. Resonance disorders (1 course) 2020.
2. Clinical practice (6 courses) 2020.
3. Basics of Speech and Language (2 course) 2020.
4. Principles of rehabilitation (1 course) 2020.
5. Language in speech therapy (1 course) 2020.
6. Modeling of language and speech processing (2 courses) 2020.
7. Laboratory of PhD students (1.5 course) 2018.
8. Health, counseling and prevention (2 courses) 2017.
9. Supervisor of B.Sc students (3 courses) 2015-2016.
10. Supervisor of B.Sc students (3 courses) 2013-2015.
11. Speech and Language development (6 course) 2013-2015, School of rehabilitation, B.Sc.
12. Speech and Language disorders in mental retardation and PDD (2 course) 2013-2014
School of rehabilitation, B.Sc.
13. Clinical practice (20 courses) 2012-2015, School of rehabilitation, B.Sc.
14. Plan and research (4 courses) 2013-2015, School of rehabilitation, B.Sc.
15. Resonance Disorders (4 course) 2013-2015, School of rehabilitation ,B.Sc.
16. Phonetic and phonological disorders (1.5 course) 2013-2015, School of rehabilitation,
B.Sc.
17. Clinical methods in speech and language disorders (2 course)2013-2015, School of
rehabilitation ,B.Sc.

18. Syndromes and Cleft palate (2 course) 2013-2015, School of Dentistry, Orthodontic assistant.

91.5 courses

❖ **Publication:**

- Book

1. Ahmadi N, Afshar M.R, **Baghban K**. Persisting speech difficulties in children 3: children's speech and literacy difficulties. 2016.
2. Derakhshandeh F, **Baghban K**. Application of Videofluoroscopy in Velopharyngeal Dysfunction Assessment. 2012.

❖ **Articles:**

1. **Baghban K**, Zarifian T, Adibi A, Shati M, Derakhshandeh F. The quantitative ultrasound study of tongue shape and movement in normal Persian speaking children. International Journal of Pediatric Otorhinolaryngology.2020; 134.
2. Sadeghi Z, Afshar MR, Ebadi A, **Baghban K**, Ghoreishi ZS. Dysphagia in Multiple Sclerosis: Modified Version of Screening Tool. Rehabilitation Journal. Archives of Rehabilitation. 2020; 20(4):236-255.
3. Mardani N, Pourjafari M, Irandegani MA, Ahmadi N, **Baghban K**. The Effect of Bilingualism on the Processing of Clustering and Switching in Verbal Fluency Tasks. Journal of Rehabilitation Sciences and Research. 2020;7: 114-117.
4. Mardani N, Mahdipour R, Rouhani M.H, **Baghban K**. The comparison of Phonemic Fluency Test Result using different letters in Persian Speakers. Journal of Rehabilitation Science and Research. 2017;4:109-113.
5. **Baghban K**, Asadollahpour F .Temporal Characteristics of Nasalization: Language Specific or Not? The Cleft palate-craniofacial journal, 2016;53(6).

6. **Baghban K**, Torabinezhad F, Negin Moradi, Asadollahpour F, Ahmadi N, Mardani N. Temporal characteristics of nasalization in Persian speaker children with and without cleft palate, *International Journal of Pediatric Otorhinolaryngology*. 2015; 79(4): 546–552.
7. Asadollahpour F, **Baghban K**, Asadi M. Validity and Reliability of the Persian Version of the Dysphagia Handicap Index (DHI). *Iranian Journal of Otorhinolaryngology*. 2015; 27(3).
8. Asadollahpour F, **Baghban K**, Mirbalouchzahi P. Performance of bilingual and monolingual children on working memory tasks. 2015;13(3).
9. Asadollahpour F, **Baghban K**, Asadi M, Naderifar E, Deghani M. Oropharyngeal Dysphagia in Acute Stroke Patients. 2014 ;17(8).
10. Akafi E, Vali M, Moradi N, **Baghban K**. Assessment of Hypernasality for Children with Cleft Palate Based on Cepstrum Analysis. *Journal of Medical Signals and Sensors*. 2013;3(4).
11. **Baghban K**, Torabinezhad F, Moradi N, Mardani N, Asadollahpour F . An investigation of the effect of nasalization on /a/ vowel frequency formants before and after /m/ nasal consonant in cleft palate children. *Journal of Paramedical Science and Rehabilitation*. 2014;3(2) [Persian].
12. **Baghban K**, Torabinezhad F, Moradi N, Biglarian A. The effect of nasalization on /a/ vowel formants in before and after nasal consonant of 4-9 year old normal Persian speaking children. *Audiology J*. 2014; 22(4)[Persian].
13. Moradi N, **Baghban K**, Soltani M, Javadipour Sh, Seihei E. Survey of Some acoustic features of maternal speech in Persian speaking mothers. 2014;12(3)[Persian].
14. Mardani N, Jalilevand N, Ebrahimipur M, Kamali M, **Baghban K**, Naderifar E. Comparison of Semantic Fluency Performance in Patients with Amyotrophic Lateral Sclerosis and Healthy Control Group. 2013;2(2)[Persian].
15. **Baghban K**, Torabinezhad F, Moradi N, Biglarian A. Study of the temporal pattern of nasalization in 4-12 year old cleft palate and normal Persian speaking children. *Journal of Research in Rehabilitation Sciences*. 2012.8(3)[Persian]

❖ **Presentation:**

1. **A review of the effect of cognitive and metacognitive strategies on development of speech and language skills in children with cleft palate.** International congress of cleft lip/palate and craniofacial anomalies. Isfahan, Iran, October2016.
2. **Temporal patterns of the nasalization in adult with and without cleft palate Persian speaking adults.** International congress of cleft lip/palate and craniofacial anomalies. Isfahan, Iran, October2016.
3. **Review of language and speech interventions in children with cleft palate.** Ibn Sina's First Rehabilitation Conference. Hamadan, Iran. October 2016.
4. **Are Temporal Characteristics of Nasalization language specific?.** Ibn Sina's First Rehabilitation Conference. Hamadan, Iran. October 2016.
5. **Speech therapy in cleft palate. Seminar of Intervention Principles in patients with cleft palate** in Hamedan, Iran.. May 2015.
6. **An investigation of the effect of nasalization frequency formants in cleft palate children.** 13th Iranian Speech therapy Congress in Tehran, Iran, May2016.
7. **Deficits of speech in severe fluency disorders.** 13th Iranian Speech therapy Congress in Tehran, Iran, May2016.
8. **The effect of nasalization on /a/ vowel formants in before and after nasal consonant of normal Persian speaking children.** 12th Iranian Speech therapy Congress in Tehran, Iran, March 2014.
9. **Survey of nasalization temporal characteristics.** 12th Iranian Speech therapy Congress in Tehran, Iran, March 2014.
10. **Temporal patterns of the nasalization in with and without cleft palate Persian speaking children.** 12th International Congress on Cleft Lip/Palateand Related Craniofacial Anomalies in Lake Buena Vista Florida. 2013.
11. **An acoustic survey of nasalization in children with and without cleft palate speakers of Persian-** 3rd national congress of cleft lip and palate in Isfahan, Iran, October 2012.
12. **Fluoroscopy evaluation and velopharyngeal dysfunction,** in 10th Iranian Speech and Language Congress in Ahvaz, Iran, March 2011.

13. **Videofluoroscopy and VPD diagnosis** – 2nd international Iranian cleft lip and palate congress in Isfahan, Iran, October 2010.

14. **Review of researches on effectiveness of TDCS in language performance in patients with aphasia.** Ibn Sina's First Rehabilitation Conference. Hamadan, Iran. October 2016.

15. **Dysphagia in Multiple Sclerosis: Modified Version of Screening Tool.** 21st Annual National & 7th International Research Congress of Medical Sciences Students, Babol, November 2020.

16. **Speech management in cleft palate.** Conference of rehabilitation team in speech disorders. 2016. Tehran. Iran.

❖ **Presentation in workshop and symposium:**

- Webinar of Ultrasound in speech therapy. Talieh Zarifian and **Kowsar Baghban(lecturer)**, October 2020.
- Symposium of team work in cleft palate. **Kowsar Baghban(lecturer)**, 2018. Tehran. Iran.
- Workshop of Velopharyngeal Dysfunction. **Kowsar Baghban(lecturer)**, May 2017. Tehran. Iran.
- Workshop of Assessment and Diagnosis of Resonance Disorders. Talieh Zarifian and **Kowsar Baghban(lecturer)**, December 2015. Tehran. Iran.
- Workshop of early intervention of language and speech in infants with cleft lip and palate(1). **Kowsar Baghban(lecturer)**, May 2014. Hamedan. Iran.
- Workshop of early intervention in infants with cleft lip and palate. **Kowsar Baghban(lecturer)**, May 2015. Hamedan. Iran.
- Workshop of speech therapy in cleft palate. **Kowsar Baghban(lecturer)**, June 2014. Hamedan. Iran.
- Workshop of Assessment and treatment of Resonance and Articulation Disorder in Cleft Palate- **Kowsar Baghban & Neda Tahmasebifard (lecturer)**, February 2013. Shiraz. Iran

➤ **Bachelors degree Thesis:**

Application of Videofluoroscopy in VPD evaluation ,August 2010.

➤ **Master Degree Thesis:**

Study of the temporal patterns of nasalization in 4-12 year old cleft palate and normal Persian speaking children, September 2012.

➤ **PhD Thesis:**

Study of the Efficacy of Phonological Treatment Approach on Compensatory Articulation Errors in Children with Cleft Palate using Ultrasound and Perceptual Assessments , October 2020.

❖ **Certifications in workshops of cleft palate:**

- Workshops of speech in Cleft palate,2018 and 2019. Isfahan. Iran
- Seminar of diagnosis and treatment of velopharyngeal dysfunction. **Dr Braian Samerlad**, 2019. Isfahan.Iran.
- Workshop of diagnosis of and treatment compensatory articulation in Cleft palate.2018. Isfahan. Iran
- Workshop of diagnosis of and treatment compensatory articulation in Cleft palate **Dr Fatemeh Derakhshandeh**, August 2013. Isfahan. Iran
- Workshop of **early Intervention in cleft palate**. January 2013.Shiraz. Iran
- Workshop of diagnosis and treatment of patients with cleft lip and palate. **Dr Braian Samerlad**, June 2013. Shiraz.Iran.
- Fifth international workshop of diagnosis and treatment of patients with cleft lip and palate. **Dr Braian Samerlad**, October 2011. Isfahan. Iran.
- Workshop of Assessment and diagnosis of compensatory articulation in Cleft palate. **Dr Fatemeh Derakhshandeh**, December 2010. Tehran. Iran.

❖ **Grant Research:**

1. 2019. Craniofacial Anomalies and Cleft Palate research center. **Health-related quality of life in patients with cleft palate: Validity and reliability of the VPI Effects on Life Outcomes (VELO) questionnaire translated to Persian**. Ongoing
2. 2019. Student Research Committee of University of Social Welfare & Rehabilitation Sciences. **Study of quality of life in children with cleft palate before and after speech therapy**.

3. 2018. Student Research Committee of University of Social Welfare & Rehabilitation Sciences. **psychometric features analysis of the DYMUS questionnaire for the assessment of dysphagia in multiple sclerosis.**
- 4.2018. Student Research Committee of University of Social Welfare & Rehabilitation Sciences. **Family centered rehabilitation package of the communication, language, speech and swallowing impairments in Iranian children aged 0-5 years.** Ongoing.
5. 2017. Hamadan University of Medical Science. **Relationship between speech disorder and malocclusion in cleft palate children in Dentistry school of Hamadan University of Medical Science.**
6. 2016. Craniofacial Anomalies and Cleft Palate research center, Isfahan University of Medical Sciences. **Study of Temporal pattern of nasalization in Persian speaking adults with and without cleft palate.**
7. 2015. Mother and child care research center Hamadan University of Medical Science. **comparison of non-nutritive sucking program and Beckman oral stimulation program on time to attainment of independent oral feeding in preterm infants in NICU.**
8. 2015. Hamadan University of Medical Science. **Comparing immediate and long term effects of two intervention “manual therapy” and "breath support” alone and combined on acoustic features and voice quality of traditional singers.**
9. 2015. Hamadan University of Medical Science. **Persian version of Singing Voice Handicap Index (SVHI): Validity and Reliability.**
10. 2015. Health Promotion Research Center, Zahedan University of Medical Sciences, **Performance of bilingual and monolingual children on working memory tasks.**
11. 2014. Health Promotion Research Center, Zahedan University of Medical Sciences, **prevalence of Oropharyngeal Dysphagia in Acute Stroke Patients.**
12. 2012. Musculoskeletal Rehabilitation Research Center, Ahvaz Jundishapur University of Medical Sciences. **The Relationship between Temporomandibular disorder and acoustic charechtristics of voice.**
13. 2012. Musculoskeletal Rehabilitation Research Center, Ahvaz Jundishapur University of Medical Sciences. **Examining Temporal Characteristics in Speakers with cleft palate and lip based on hypernasality severity.**

❖ **Clinical Experience:**

- 2020-present, Clinic Supervisor, Trained and supervised graduate students in the on campus clinic in school of rehabilitation, Hamadan university of Medical Sciences, Hamadan, Iran.
- 2015-2017, Clinic Supervisor, Trained and supervised graduate students in the on campus clinic in school of rehabilitation, University of Social Welfare & Rehabilitation Sciences. Tehran, Iran.

- 2015-2017, Speech and Language Therapist (part-time), Javaneh clinic, Tehran, Iran.
- 2013-2015, Clinic Supervisor, Trained and supervised graduate students in the on campus clinic in school of rehabilitation, Hamadan university of Medical Sciences, Hamadan, Iran.
- 2012- 2013, Clinic Supervisor, Trained and supervised graduate students in the on campus clinic in school of rehabilitation, Shiraz university of Medical Sciences.
- 2012-2013 , Speech and Language Therapist (part-time), Tabesh Comprehensive Rehabilitation Center, Shiraz, Iran.

❖ **Research Interests:**

- Perceptual Assessment and Treatment of Articulation and Resonance Disorders in Cleft palate.
- Assessment and Treatment of Resonance Disorders.
- Methods of Instrumental assessment for example Acoustic, Aerodynamic, Videoflouroscopy, Nasopharyngoscopy and MRI assessments in Cleft Palate.
- Early Intervention in Cleft Palate