

## Curriculum Vitae

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### PERSONAL INFORMATION

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I am an Associate Professor of Pediatric and Preventive Dentistry. I teach dental and postdoctoral students and provide guidance on thesis development.

My main research interests are community-based studies with a primary focus on oral health promotion and dental disease prevention. I have collaborated with international scientists/leaders on conducting international joint researches in fluoride studies and international schemes .

### EDUCATION

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1995	Master of Science in Pediatric Dentistry	Tehran University of Medical Sciences/Iran
1991	Doctorate of Dentistry	Isfahan University of Medical Sciences/ Iran

### GRANTS AND FELLOWSHIPS

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2020	Evidence-based Clinical Fellowship	Joanna Briggs Institute , Australia
2014	Academy Dentistry International Fellowship	
2006	Sources: The Borrow Foundation (UK), Vice Chancellery for Research, Isfahan University of Medical Sciences, Iran	
	Title: <i>Fluoride Concentration Evaluation of Tooth Pastes Available in Iran</i>	
	Role: Principle Investigator	
2004	Source: Vice Chancellery of Research, Isfahan University of Medical Sciences, Iran	
	Title: <i>Demonstration Study of School Milk Fluoridation in City of Isfahan (Phase I)</i>	
	Role: Principle Investigator	
2004	Source: The Borrow Foundation (UK)	
	Title: <i>Fluoride Intake and Urinary Fluoride Excretion in 4-16 Year-Old Children</i>	
	Role: Principle Investigator	

## **TEACHING EXPERIENCE**

<b>Date</b>	<b>Course Name</b>	<b>Level</b>	<b>Role</b>
2020- Present	Evidence based practice	Postgraduates in Pediatric Dentistry	Lecturer
2009- Present	Dental caries risk assessment	Postgraduates in Pediatric Dentistry	Lecturer
2000 – Present	Primary preventive dentistry	Postgraduates in Pediatric Dentistry	Lecturer
2000- Present	Journal club seminars	Postgraduates in Pediatric Dentistry	Lecturer
1995- Present	Pediatric dentistry and oral health theory courses including: cariology ,nutrition and oral health traumatology,dental pulptreatments, periodontology ,preventive orthodontics oral and dental developmental defects examination& diagnosis in children, dental treatments of medically and mentally compromised children	Doctorate in Dentistry	Lecturer

### Clinical Teaching:

2020- Present	Best practice implementation	Postgraduates in Pediatric Dentistry	Lecturer
2008- Present	Oral health & preventive dentistry	Postgraduates in Pediatric Dentistry	Lecturer
2002-	Dental treatment under general	Postgraduates in Pediatric Dentistry	Lecturer

2007	anesthesia Pediatric dentistry and oral health practical courses	Postgraduates in Pediatric Dentistry	Lecturer
2000- 2002	Children hospital dentistry	Postgraduates in Pediatric Dentistry	Lecturer
2000 – Present	Pediatric dentistry practice	Postgraduates in Pediatric Dentistry	Lecturer
1995- Present	Pediatric dentistry and oral health practical courses	Doctorate in Dentistry	Lecturer

DDS, Dental Specialty Degree Theses and Ph.D. Dissertations Directed, Membership on Supervising Committees:

2012 “*The Amount of Fluoride Release From Synthetic Persica Chewing Gum Comparing to Sodium Fluoride Chewing Gum .( Double Blinded Randomized Controlled Clinical Trial )*” Specialty Degree in Pediatric Dentistry.

2012 “*The Amounts of Total Fluoride , Soluble Fluoride and Fluoride Ionin Most Popular Tooth Paste Brands Available in Iran’s Market*” DDS.

2011 “*Fluoride Concentration of Persica Extract and the Amount of Fluoride Release from Synthetic Persica Chewing Gum. In Vitro Study*” . Doctorate in Pharmacy.

2011 “*Effect of Probiotic Cheese Containing Lactobacillus Caseion Salivary Levels of Mutans Streptococci and Lactobacilli , a Double Blinded Randomized Controlled Clinical Trial*” . Specialty Degree in Pediatric Dentistry .

2010 “*Fabrication and Characterization of Poly(ε-caprolactone)/ Nano Fluoridated Hydroxyapatite Scaffolds for Bone Tissue Engineering*” PhD in Biomaterial.

2009 “*Microleakage of Simplified Adhesive Systems in Class V Cavities of Primary Teeth*”. Specialty Degree in Pediatric Dentistry.

2008 “*A Comparative Study of Urinary Fluoride Excretion (UFE) at the Day of School Fluoride Mouth Rinse with UFE Following Two-week Wash-out in 7-11 Year-Old Children*” DDS.

2007 “*Case Control Study on Oral Hygiene and Dental Caries Indices in Adolescents with and without Cardiovascular Risk Factors*” DDS,

2006 “*Acidogenicity of Traditional Plain Bread and Bulky Bread, an In Vivo Study*” Specialty Degree in Pediatric Dentistry .

2006 “*Nutritional Habits in Two Groups of Preschool Children with High and Low Caries Experience*” DDS ,

2005 “*Urinary Fluoride Excretion in 4-6 Year- Old Children in the City of Isfahan*” Specialty Degree in Pediatric Dentistry.

2005 “*Evaluation of Bitewing Radiographs Efficacy in Estimation of Pulp Chamber Dimensions in Primary Teeth*” DDS

2005 “*Oral Hygiene and Dental Caries in Children Receiving Long Term Liquid Oral Antibiotics (a Case-Control Study)*” DDS

2004 “*Salivary Streptococcus Mutan Colony Count, Caries Severity Index and Oral Hygiene (Debris Index) in Two Groups of 3-5 Year-Old Children with High and Low Caries Experience*” DDS

2004 “*Dental Caries Risk Factors in Two Groups of Adolescents with High and Low Dental Caries Experience*” DDS

2003 “*Knowledge, Attitude and Practice of Dentists on Dental Trauma Management in the City of Isfahan*” DDS

2002 “*Parents’ Knowledge, Attitude and Practice on Tooth Brush and Tooth Paste Selection for their 7-9 Year-Old Children*” DDS

2001 “*Dental Caries Pattern in Primary Molars and First Permanent Molars in 6-12 Year- Old Children*” DDS

2001 “*Microscopic and Macroscopic Characteristics of 8 Children’s Tooth Brush Brands Available in Iran’s Market*” .DDS

2001 “*Infection Control in Pediatric Dentistry*” DDS.

2001 “*CEJ-ALC Dimension in Primary Molars and First Permanent Molar Area in 7-9 Year- Old Children*” DDS.

2001 “*Glass Ionomer Cement Bond Strength to Hypocalcific Primary Teeth, an in Vitro Study*” DDS

2000 “*Evaluation of Dental Care System for Mentally Compromised Children in the City of Isfahan*” .DDS.

2000 “*Dental Caries Risk Factors in 4-6 Years Children with High or Low Caries Experience*” DDS.

1999 “*Design and Fabrication of an Electronic Infiltration Injection Instrument for Children*” DDS

1999 “*Prevalence of Permanent First Molar Hypoplasia (MIH) and Related Factors in 6-12 Year- Old Children in the City of Isfahan*” DDS

1998 “*Dental Caries Prevalence and Related Factors in 12 Year -Old Children in the City of Najafabad*” M.Chami, DDS..

1998 “*Anterior Open Bite Prevalence in 13-15 Year-Old Adolescents in the City of Ahvaz*” DDS

## UNIVERSITY SERVICE

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1995 -present	Associate Professor Pediatric and Preventive Dentistry , Isfahan University of Medical Sciences .	
2006	Academic Visitor (sabbatical placement in nutrition and oral health researches ),	Dental School, WHO Collaborating Centre in Nutrition and Oral Health Newcastle University United Kingdom.
2000-2004	Adjunct Faculty Member (Assistant Professor)	Children Medical Centre, Tehran University of Medical Sciences, Iran .
2000-2004	Adjunct Faculty Member (Assistant Professor)	Dental Research Centre , Tehran University of Medical Sciences, Iran .

## PUBLICATIONS

Shiva Mortazavi, Azam Kazemi , Reyhaneh Faghihian ; Impact of Motivational Interviewing on Parental Risk-Related Behaviors and Knowledge of Early Childhood Caries: A Systematic Review . International Journal of Preventive Medicine . 2021

Mortazavi S ,Aslani A ,Babai F ,Hajeahmadi M ;Persica Chewing Gum Effects on Saliva Fluoride Concentration and Flow Rate: a Triple Blind Randomized Clinical Trial . Contemporary Clinical Dentistry , January March 2019 .

Mortazavi S , Enshaei Z ,Farajzadegan Z . Development of Caries Risk Assessment Tool for Iranian Preschoolers: A Primary Validation Study. Int J Prev Med .7;8:92 ,2017

Jaber Yaghini , Sima Kiani , Shiva Mortazavi , Bahareh Haghshenas ,Ahmad Mogharehabed ; Assessment of available and stable fluoride in four widely-used toothpastes in the Iranian market Journal of Dentistry of Tehran University of Medical sciences ; 11(5): 604-9 .2014

Abolfazl Aslani ,Alireza Ghannadi ,Shiva Mortazavi ,Marzieh Torabi. ; Design, Formulation and Evaluation of Medicinal Chewing Gum by the Extract of *Salvadora persica* L ; Life Science Journal.;10(4s) 2013

Arbabzade F. Gibbs T.T., Meyers IA BuzariM. ,Mortazavi S Walsh LJ ; Fluoride Recharge Pattern of Contemporary Glass Ionomer Restoratives .Dent. Res.J 9 (2): 139-45 ,2012

MortazaviS. ,Akhlaghi N. ;Salivary Streptococcus Mutans and Lactobacilli Levels Following Probiotic Cheese Consumption in Adults .J Res Med Sci 2012;17(1):57-66

MortazaviS. ,Noin S. ;*Plaque pH Changes Following Consumption of Two Types of Plain and Bulky Bread* .Dent.Res.J 2011 ;8(2):80-84

AkhlaghiN. ,Mortazavi S. ;*The Role of Probiotics in Oral and Dental Health* . Journal of Isfahan Dental School ;2011;7(2): 188-98

Akhlaghi N., Mortazavi S., Akhlaghi N. ;*Relationship Between Salivary Streptococcus Mutans and Lactobacillus Counts and Dental Caries in Adults with High Levels of Dental Care* . Journal of Isfahan Dental School ;2011;6(6): 750-59

Mortazavi S. ,Haratian N. ,Kazemian M. ,Samimi P. ;*Microleakage Study of Simplified Adhesive Systems in Class V Cavities of Primary Teeth* . Journal of Isfahan Dental School ; 2011 ;6(4) :250-58

Kelishadi R. , Mortazavi S., Hossein T.R. , Poursafa P.; *Association of Cardiometabolic Risk Factors and Dental Caries in a Population-Based Sample of Youths*.Diabetology& Metabolic Syndrome 2010, 2:22

Mortazavi S, BahmaniS :*Primary and Permanent Molars Caries Pattern in 7-9 Year- Old Children* .Res.Med.Sci.J ,2003 ( *Nominated for Best Article in The First Health and Family Scientific Award 2005*)

Mortazavi S, Nabipoor A.: *Evaluation of CEJ-ALC Distance in Primary and First Permanent Molars of 7-9 Year- Old Children in Isfahan*. BeheshtiUni Dent J.2003;20(3):351-359

MortazaviS. ,Khomeh M.R. :*A Comparative Study of Shear Bond Strength of Glass Ionomer to Hypo Plastic and Normal Primary Teeth Enamel*. Res.Med.Sci.J,2000 ;5(3),266-268

MortazaviS :*Bone Marrow Transplantation Oral Complications and Recommendations for Care in Children* .J.Dent.Tehran Uni.Med.Sci.2000 vol 13, no:3-4 91-103.

Mortazavi S., Zamani F, Rafiian AR: *Caries Prediction Model in Preschool Children* .Journal of Iranian Dental Association, 2000.Vol1.no1,16-19.

Mahmoodian J., Kousari A., Mortazavi S.: *Prevalence of Enamel Defects in 7-12 Years Students, Isfahan*.J.Dent.Tehran Uni.Med.Sci.2000,vol 13,no 2,43-48.

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## PROFESSIONAL MEMBERSHIPS

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2017 -present Member of International Association of Pediatric Dentistry

2013-Present Member of Academy Dentistry International

2006- Present Member of Iranian Society for Trace Elements Research (ISTER)

2006-2009 Member of European Organization for Caries Research (ORCA)

2005- 2012 Member of International Association for Dental Research (IADR)

2002-Present Member of Iranian Association of Pediatric Dentistry

Past and Current Positions and/or Offices Held in Professional Organizations:

2018-2020 Vice President of International affairs , Iraian Association of Pediatric Dentistry

2018-2020 Vice President for Education , Academy Dentistry International

2015-2020 Board Member of Academy Dentistry International

2015-2017 Regent Middle East Section , Academy Dentistry International

2012 ,2022 Jury member of Iran's National Hedayat Scientific Award in Dentistry.

- 2009 Member of 7<sup>th</sup> Iranian Association of Pediatric Dentistry Congress Scientific Committee.
- 2006 Member of Administrative and Scientific Council of 4<sup>th</sup> Iranian Association of Pediatric Dentistry Congress.
- 2005 Member of Administrative and Scientific Council of 3<sup>rd</sup> Iranian Association of Pediatric Dentistry Congress.
- 2000 Member of Scientific Committee of 39<sup>th</sup> Congress of Dental Iranian Association.

## Scholarships and Awards (Honor and Awards )

- 2007 Isfahan University of Medical Sciences Honorary Research Chair.
- 2006 Distinguished Scientific International Ambassador of Isfahan University of Medical Sciences.
- ~~2005 Honored for Research Project on fluoride, Academy of Medical Sciences I.R.IRAN.~~
- 2000 Best Thesis, Isfahan University of Medical Sciences (supervisor).
- 1992 Top Rank in Iran National Specialty Entrance Examination .

- 2009 Cooperation in Iran's national Doctorate Dentistry curriculum revision
- 2007 Coordinate the execution of Memorandum of Understanding Agreement between Isfahan University of Medical Sciences (Iran) and Newcastle University (UK)
- 2006 Attending "Fluoride and Oral Health Symposium", Research Directorate and the Kuwait Foundation for Advancement of Science , Kuwait .
- 2006 Founding Fluoride Research Committee at Dental Research Centre at Isfahan University of Medical Sciences.
- 2005 Isfahan University of Medical Sciences representative at General Assembly of " Health Researches Guidelines in Trace elements" at Iran Ministry of Health.
- ~~2003 Establishing post graduate department in pediatric dentistry at Isfahan University of Medical Sciences~~
- 2003- Editorial Board, Dental Research Journal.
- Present