

# Mahsa Malekmohammadi, DDS, PhD

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Kerman, Iran

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Profiles: [Google Scholar](#), [Web of Science](#), [ORCID](#), [LinkedIn](#)

Metrics: 268 citations · h-index 7 · i10-index 4 (Google Scholar, 2024)

## Academic & Professional Appointments

- Vice-Dean for Research, School of Dentistry, Kerman Univ. of Medical Sciences (2025–Present)
- Board Member & Secretary, Iranian Association of Community Oral Health (IACOH) (2024–Present)
- Editorial Board Member, Journal of Oral Health and Oral Epidemiology (2024–Present)
- Assistant Professor, School of Dentistry, Kerman Univ. of Medical Sciences (2023–Present)

## Education

- PhD, Dental Public Health, Shahid Beheshti Univ. of Medical Sciences, Tehran, Iran (2017–2023)  
Thesis: Dental Public Health Curriculum: A Comparative Study on Postgraduate Curriculum Worldwide
- MBA (Healthcare Management), Jahad Daneshgahi – Shahid Beheshti Univ. of Medical Sciences, Tehran, Iran (2018–2019)
- DDS, Kerman Dental School, Iran (2011–2017)

## Publications (Peer-Reviewed)

1. **Malekmohammadi M**, Ghasemi H, Khoshnevisan MH, Hosseini F. Competencies for dental public health specialists: A thematic analysis. *Eur J Dent Educ.* 2023;27(4):928–940.
2. Navabi N, Karbasi N, Najminouri F, **Malekmohammadi M**, et al. Dental faculty experiences of drug prescription patterns: a qualitative study. *J Qual Res Health Sci.* 2023;12(2):84–90.
3. Sadeghipour M, **Malekmohammadi M**, Shariatpanahi P, et al. The necessity of a comprehensive response to the number and composition of oral healthcare teams in Iran using the system dynamics approach. *J Oral Health Oral Epidemiol.* 2023;12(2):95–97.
4. Roudsari MS, Namdari M, Mortazavi H, **Malekmohammadi M**, Tohidi S. Psychosocial impacts, perceived stress, and learning effects during the transition from preclinical to clinical dental education: validation and translation of a questionnaire. *Dent Res J (Isfahan).* 2022;19:26.

5. Mousavi M, Tehranchi A, Mahshid N, Sadeghipour M, Dalband M, **Malekmohammadi M**, et al. Prevalence of adverse effects of COVID-19 vaccines among Iranian healthcare workers; a comparison between the three available vaccines in Iran. *J Contemp Med Sci*. 2021;7(6). doi:10.22317/jcms.v7i6.1121
6. Mousavi M, Tehranchi A, Sadeghipour M, Namdari M, Dalband M, **Malekmohammadi M**, et al. Relationship between precautionary measures and perceived stress and self-care behaviors in Shahid Beheshti Dental School during COVID-19: a path analysis study. *J Mazandaran Univ Med Sci*. 2021;31(201):93–103.
7. **Malekmohammadi M**, Tehranchi A, Sadeghipour M, Attaran N, Dalband M, et al. Dental students' perceived stress during the COVID-19 outbreak in Tehran, Iran. *Caspian J Dent Res*. 2021;10(2):8–19.
8. Vahdati A, Rojhanian T, **Malekmohammadi M**. Comparative study of recommendations for dental care delivery in Iran with a rapid review of Cochrane during the COVID-19 pandemic. *J Mashhad Dent Sch*. 2021;45(2):196–216.
9. Shahbazi S, Khoshnevisan MH, **Malekmohammadi M**, Ghorbani Z. Self-reported dental public health competencies of senior dental students: a cross-sectional study. *J Dent Sch*. 2021;39(1):17–22.
10. Sadeghipour M, Khosravi K, Vatankhah M, **Malekmohammadi M**, Attaran N, et al. Epidemiological characteristics of COVID-19 in healthcare providers of the School of Dentistry, Shahid Beheshti University of Medical Sciences. *J Oral Health Oral Epidemiol*. 2021;10:11–19.
11. Karimi M, Dalband M, Tehranchi A, Ekhlasmad KM, Ahangari Z, **Malekmohammadi M**, et al. Prevalence of COVID-19 among patients attending Shahid Beheshti Dental Clinic, Tehran, Iran. *J Res Dent Sci*. 2021;18(3):189–197.
12. Roudsari MS, Shariatpanahi SP, Namdari M, **Malekmohammadi M**, et al. The role of peer influence on oral health knowledge and behaviors among adolescents. *J Dent Indones*. 2021;28(1):38–44.
13. Soltani MR, Sayadzadeh M, Estabragh SR, Ghannadan K, **Malekmohammadi M**. Dental caries status and its related factors in Iran: a meta-analysis. *J Dent (Shiraz)*. 2020;21(3):158–176.
14. Khoshnevisan MH, Shariatpanahi SP, Sadeghipour-Roudsari M, Niknejad F, **Malekmohammadi M**. Influence of maternal oral healthcare behavior during childhood on children's oral health care during adolescence. *J Oral Health Oral Epidemiol*. 2020;9(1):45–53.
15. Kheirmand Parizi M, Akbari H, **Malekmohammadi M**, et al. Association of salivary immunoglobulin-A and amylase with oral manifestations in patients with type 2 diabetes. *BMC Oral Health*. 2019;19(1):175.

16. Mohammadi TM, **Malekmohammadi M**, Hajizamani HR, Mahani SA. Oral health literacy and its determinants among adults in Southeast Iran. *Eur J Dent*. 2018;12(3):439–442.

17. Malek Mohammadi T, **Malekmohammadi M**. Knowledge, attitude and practice of gynecologists and midwives toward oral health in pregnant women in Kerman. *Iran J Obstet Gynecol Infertil*. 2017;20(4):9–18.

18. Hajizamani H, Malek-Mohammadi T, Hajizamani A, **Malekmohammadi M**. Assessment of knowledge and practice of pharmacists regarding oral health in Kerman, Iran. *J Oral Health Oral Epidemiol*. 2017;6(1):8–13.

## Conference Presentations

### • Invited & Oral Presentations:

- 64rd International Exhibition & Congress of the Iranian Dental Association (EXCIDA) — Lecture. June 2025. Tehran, Iran.
- 28th European Association of Dental Public Health (EADPH) Congress — Oral. Oct 2024. Crete, Greece.
- 63rd 64rd International Exhibition & Congress of the Iranian Dental Association EXCIDA — Lecture. May 2024. Tehran, Iran.
- Sixth Biennial IACOH Congress — Lecture. Oct 2023. Isfahan, Iran.
- Recent Advances in Dentistry (local conference) — Lecture. Nov 2023. Kerman, Iran.
- 26th EADPH Congress — Oral. Sep 2022. Montpellier, France.
- 19th Iranian Paediatric Dental Association — Lecture. Sep 2022. Shiraz, Iran.
- 17th Iranian Paediatric Dental Association — Lecture. Dec 2016. Tehran, Iran.

### • Poster Presentations:

- Association for Medical Education in Europe (AMEE) — Poster. Sep 2025. Spain, Barcelona (Hybrid).
- Association for Medical Education in Europe (AMEE)— Poster. Aug 2022. France, Lyon (Hybrid).
- Fifth Biennial National Congress of Iranian Dental Public Health Association — Poster. Jan 2021.
- 16th IADR (Iranian Branch) — Poster. Jan 2020. Online.
- Fourth IACOH — Poster (two cases). Dec 2019. Tehran, Iran.
- 3rd Congress of Oral Health & Epidemiology — Poster. Mar 2017. Tehran Iran.
- 12th IADR (Iranian Branch) — Poster (two cases). Jan 2016. Tehran, Iran.
- 14th Student Congress of the Iranian Dental Association — Poster. Sep 2014. Tehran, Iran.
- 14th Annual Research Congress of Medical Students & 5th International Congress — Poster. Nov 2013. Sari, Iran.
- 12th Iranian Pediatric Dental Association — Poster. Aug 2013. Tehran, Iran.

## Editorial & Peer-Review Service

Editorial Board Member, Journal of Oral Health and Oral Epidemiology (2024–Present)

53 verified reviews across 10 journals/grants including PLOS ONE (18), BMC Oral Health (19), Scientific Reports (2), BMC Public Health (2), BMC Medical Ethics (1).

## Teaching & Mentorship

### A. Undergraduate Dental Program (DDS)

#### Teaching

- **Oral Health & Community Dentistry I, II, III** (Semesters 5–12)
  - Topics: community assessment, caries-risk assessment (CAMBRA), prevention strategies, health economics, health needs assessment, program planning & management, critical thinking, nutrition, and principles of dental public health.
  - Practical component: supervision of students in preventive clinics; fieldwork in schools, nursing homes, and special-care centers; hands-on training in fluoride varnish, fissure sealants, and SDF therapy.
- **Community Sociology & Social Determinants of Health** (Semester 10)
  - Topics: social problems in developing countries, health determinants, quantitative and qualitative health indicators, health inequalities.
- **Specialized English for Dentistry I–IV** (Semesters 8–14)
  - Focus: dental terminology, academic reading comprehension, and oral communication for clinical and research contexts.
- **Geriatric Dentistry** (Semester 11)
  - Topics: communication with older adults, pharmacological considerations, psychological aspects of aging, geriatric oral health care planning.
- **Oral Health & Society**(Semester 9)
  - Topics: national health system structure, international health agencies, integration of oral health in general health systems.

#### Thesis Supervision (Primary Supervisor)

- Parental Awareness of Avulsed Permanent Teeth — Cross-sectional study among parents in Kerman (2025).
- Adaptation and Validation of the Dental Professional Commitment Scale — Cross-sectional study among undergraduate dental students in Kerman (2025).
- Translation, Cultural Adaptation, and Validation of the Malocclusion Impact Questionnaire (MIQ) for Persian-speaking Adolescents.

- Knowledge, Attitude, and Practice of Dental Students Regarding Management of Pregnant Patients — Cross-sectional study, Kerman (2025).
- Determinants of Dental Service Utilization among Immigrants — Structured review.
- Validation of the Persian Version of the Nutrition Questionnaire for Caries Risk Factors.
- Validation of the Persian Version of the Oral Health Behavior Questionnaire.
- Validation of the Persian Version of the Oral Health Values Scale.

### Thesis Advising (Co-supervisor / Advisor)

- Barriers and Challenges Faced by Older Adults in Using Oral Health Services — Mixed-method study, Kerman (2025).
- Patient Satisfaction with Dental School Clinic Services — Cross-sectional study, Kerman (2025).
- Dental Students' Readiness to Adopt Artificial Intelligence in Healthcare — MAIRS-MS Scale-based study.
- Relationship between Mobile Phone Use, Mental Health, and Academic Success among Dental Students — Kerman (2024).
- Impact of Anabolic Steroid Use on Oral Health Indicators and Oral Health-Related Quality of Life — Comparative study among male bodybuilders in Kerman.
- Validation of the Persian Version of the Child Toothbrushing Behavior Questionnaire.
- Validation of the Persian Version of the Caries Impacts and Experiences Questionnaire for Children (CARIES-QC).
- Systematic Review: Prevalence of Oral Health Behaviors among Iranian Adolescents Aged 12–19

### Undergraduate Public Health & School Health Programs

- **Oral Health (B.Sc. Public Health and School Health Students)**
  - Topics: oral-systemic health connection, nutrition, preventive oral care, practical training in health behavior education, fluoride importance, and hands-on varnish application for children.

### Graduate (Ph.D. in Dental Public Health)

**Core Modules:** Principles of Dental Public Health, Prevention, Health Services Management, Research Methodology

- **Academic Skills:** Text reading seminars, journal club facilitation, critical appraisal sessions

- Supervising one Graduate student on their PhD thesis from 2024 ( working on PERSIAN Cohort data)

### Graduate Specialty Training (Postgraduate Clinical Residents)

- **Research Methodology and Scientific Writing Modules** — Delivered to postgraduate residents in Pediatric Dentistry, Restorative Dentistry, Periodontics, and Endodontics.
  - Topics: research design, biostatistics basics, systematic review methodology, critical appraisal, academic writing, and presentation skills.
  - Role: instructor and mentor for resident research projects, guiding protocol development and data

### Continuing Education Courses (Professional Development)

#### Lecturer – National CE Programs for General Dentists

- Delivered lectures and workshops on:
  - **Geriatric Dentistry** – oral health management of aging populations, pharmacological considerations, communication strategies.
  - **Artificial Intelligence in Clinical Practice and Research** – applications, opportunities, and ethical considerations.
  - **Evidence-Based Dentistry** – principles of EBD, critical appraisal, and translation of evidence to clinical decision-making.

### Clinical Practice & Licensure

Licensed General Dentist, Iranian Medical Council (License No. 157933); active practice authorization from 2024.

### Selected Professional Development

Systematic Review & Meta-analysis; Critical Appraisal; Evidence-Based Dentistry; Biostatistics & Advanced Research Methods; MAXQDA; SPSS; EndNote; Systems Thinking; Academic Writing; Scientometric, AI applications in health.

### Research Interests

Dental Public Health Education, Health Literacy, Systems Thinking, Social Determinants of Oral Health, Oral Disease Prevention and Promotion, Applications of Artificial Intelligence in Dental Education and Public Health Research

### **Professional Memberships**

IACOH (2019–Present); AMEE (2022–Present); EADPH (2022, 2024); IADR (2018–2020)

### **Languages**

Persian (native); English (Advanced – PTE Academic 80/90, 2024); Spanish (beginner)

### **Media & Outreach**

Oral-health expert on local radio and television program (in Kerman city) “Prescription for Health”; Delivered continuing-education sessions for dentists, health workers, and midwives.