

Sotoudeh Davaie

Apartment 4, No. 39, Rafighdoust street, Pasdaran Ave. Tehran, Iran



+98-935-6422148



sotdavaie@gmail.com

Objective

Dentist, D.D.S since 2010

Ph.D. Candidate of Dental Biomaterials, School of Dentistry/Research Center for Science and Technology in Medicine, Tehran University of Medical Sciences, Tehran, Iran. Since 2015

Education

- 730nd ranked in Iranian National Examination of Universities Admission between 500,000 participants.
- Dentistry student at Dental School of Azad Tehran University, 2003- 2010.
- Graduated as doctor of dental surgery (D.D.S), Azad Tehran University, Dental School, 2010.
- Thesis title: “Correlation Between Bone Mineral Density of Jaws and Skeletal Sites in an Iranian Population Using Dual X-ray Energy Absorptiometry”

Activities

- English and biology teacher in Tasnim High school, Tehran, Iran, 2005-2009.
- Member of Parse Charity since 2011.
- Have teaching experience in Dental School of Qazvin University of Medical Sciences, 2016-2017.
- Member of executive committee in the 8th international Congress of Iranian Academy of Periodontology, 2008.
- Member of executive committee in the 11th annual meeting of Iranian Division of International Association for Dental Research (IADR), 2015.
- Member of executive committee in the 58th international annual scientific congress of Iranian dental association (EXCIDA) in conjunction with the FDI local congress, 2018.
- Member of Iranian Scientific Association of Dental Biomaterials, since 2017.

EDUCATIONAL WORKSHOPS AND SEMINARS

- Education course of “ProTaper Rotary System” at Islamic Azad University, Dental Branch, April 2009.
- International SIC invent course at the University of Freiburg, November 2012.
- Education course of the university of Freiburg, Department of Prosthodontics and SIC invent, November 2014.
- “The Principles of Cell Culture” workshop at Tehran University of Medical Science Core Facility (TCF), 2015.
- “The Principles of Cell Scaffold and Material Synthesis for Medical Applications” workshop at School of Advanced Technologies in Medicine (SATiM), 2015.
- “EndNote” workshop at Endocrinology and Metabolism Research Institute, 2015.
- “Research Methodology” workshop at Endocrinology and Metabolism Research Institute, 2015.
- “The 1st International Symposium of Stem Cell and Regenerative Dentistry” at TUMS, 2016.
- “3rd Physics of Advanced Materials (PAM) International School on Applications of Nanomaterials in Medicine” at Sharif University of Technology, 2016.
- “Evaluation and Color Control of Tooth Aesthetic” workshop at Institute of Color Science and Technology, Iran, 2017.

- “2nd International Congress of Biomaterials and Bone Grafting Techniques in Oral Surgery” at Rayzan International Conference Center, 2017.

Presentations

- “Bioceramics as Pulp Capping Materials” presented at the 16th Congress of Iranian Academy of Restorative and Cosmetic Dentistry, 2016.
- “Vital Bleaching; Limitations and Side Effects” as poster presenter at the 16th Congress of Iranian Academy of Restorative and Cosmetic Dentistry, 2016.
- “A Review in Cyanoacrylate- based Tissue Adhesives in Oral Surgeries” as a poster presenter at the 17th International Congress of Iranian Academy of Periodontology, 2017.
- “CPC: an appropriate material for bone regeneration” as poster presenter at the 15th International Congress of Iranian Society of oral and Maxillofacial Surgeons, 2017.
- “Commercially Available Bulk Fill Resin Composites” presented at the 12th international annual scientific congress of Iranian General Dentists Association, 2018.
- Poster presenter at the 13th Annual Congress of Iranian Division of International Association for Dental Research (IADR), 2018.
- “The effect of laser bleaching with two different wave lengths on dental resistance against demineralization” as accepted poster at the 25th International Student Congress of (bio)Medical Sciences (ISCOMS), Groningen, Netherlands, 2018.
- “Bioadhesives and their role in the future of bone regeneration” presented in the 61th international annual congress of Iranian dental association (EXIDA), 2022.

Publications

- “Correlation between Bone Mineral Density of Jaws and Skeletal Sites in an Iranian Population Using Dual X-ray Energy Absorptiometry”, Dental Research Journal, July 2013.
- “Do We Need Keratinized Mucosa for a Healthy Peri-implant Soft Tissue?”, General Dentistry, July 2016.
- “Clinical Evaluation of Applying a Hydrophobic and Hydrophilic Bonding Agent in Fissure Sealant Retention and Durability in 4 Years”, Journal of Dental Medicine, 2016.
- “Bioactive glass modified calcium calcium phosphate cement with improved bioactive properties : A potential material for dental pulp-capping approaches”, journal of biomimetics, biomaterials and biomedical engineering, 2021.

Projects

- Collaboration in “Comparison of Marginal Adaptation, Bioactivity, Cytotoxicity and dentinogenicity of GuttaFlow Bioseal, MTA fillapex and AH plus” project, 2016. (submitted)
- As the consultant of doctoral thesis entitled “Interfacial fracture toughness of a self-adhesive flowable composite to dentin using different surface pretreatments”, 2016. (submitted)
- As the advisor of doctoral thesis entitled “Comparison of microleakage in cl II restorations (box only) in primary molar teeth, restored with two types of resin modified glass ionomers”, 2016.
- As the consultant of doctoral thesis entitled “Comparison of microtensile bond strength between 3 fluoride releasing self-etch bonding systems and a standard self-etch bonding system”, 2016. (submitted)
- As the consultant of doctoral thesis entitled “Fracture toughness bond strength of self-etch and total-etch dental adhesives to Er:Yag laser”, 2017. (submitted)
- As the consultant of doctoral thesis entitled “The effect of laser bleaching with two different wave lengths on dental resistance against demineralization”, 2018.
- As the consultant of doctoral thesis entitled “Comparison of bioactivity and solubility of Bioglass, Calcium Phosphate Cement (CPC) and Bioglass/CPC as Direct Pulp Capping materials”, (not finished).