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Parisa Soltani, DDS,
MS

Personal Information

Nationality: Iranian

Place of birth: Isfahan

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Language Proficiency: English (advanced), Persian (native), Spanish (intermediate), German (beginner)

Academic Positions and Memberships

Assistant Professor at Department of Oral and Maxillofacial Radiology, School of Dentistry, Isfahan University of Medical Sciences (2019 - present)

Supervisor at Dental Students Research Committee, Isfahan University of Medical Sciences (2020 – present)

Research representative of Department of Oral and Maxillofacial Radiology, School of Dentistry, Isfahan University of Medical Sciences (2019 - present)

Educational representative of Department of Oral and Maxillofacial Radiology, School of Dentistry, Isfahan University of Medical Sciences (2019 - present)

Researcher at Dental Implants Research Center, Dental Research Institute, Isfahan University of Medical Sciences (2019 – present)

Head of the data team at DeepBites (http://deepbites.com/?page_id=541)

Translator at Cochrane Iran (2020 – present)

Profiles

Publons: <https://publons.com/researcher/1308527/parisa-soltani/>

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Institutional: <http://profiles.mui.ac.ir/parisa-soltani>

ResearchGate: https://www.researchgate.net/profile/Parisa_Soltani4

Education

- Sep 2019* **Board Certification**
National Board of Oral and Maxillofacial Radiologists
Iran
- Oct 2017 – Sep 2019* **Postgraduate (Hons.)**
Isfahan University of Medical Sciences, Department of Oral and Maxillofacial Radiology
Isfahan, Iran
- Oct 2016 – Oct 2017* **Postgraduate (Hons.)**
Shiraz University of Medical Sciences, Department of Oral and Maxillofacial Radiology
Shiraz, Iran
- Sep 2010 – Sep 2016* **Dentistry (Hons.)**
Isfahan University of Medical Sciences,
Isfahan, Iran

Thesis for obtaining DDS degree

The association between mandibular inferior cortex indices and serum levels of calcium and phosphorus

Thesis for obtaining MS degree

Applicability of cone beam computed tomography gray values for estimation of primary stability of dental implants

Work Experience

- Oct 2016 - present* **Dentist**
Private practice, Isfahan, Iran
- Mar 2020 – present* **Radiologist**
Oral and Maxillofacial Radiology Clinic, Isfahan, Iran
- Sep 2019 – present* **Assistant Professor**
School of Dentistry, Isfahan University of Medical Sciences, Isfahan, Iran

Book Chapter

1. Canine Impaction and Fenestration Technique, in *Innovative Perspectives in Oral and Maxillofacial Surgery*. Springer: 2021; DOI: 10.1007/978-3-030-75750-2_31

Journal Publications

1. Namdar P, Moaddabi A, Yazdian R, Saedi M, Ahmadian F, Shiva A, Del Giudice C, Soltani P, Spagnuolo G. Histologic Evaluation of the Effects of Folinic Acid Chitosan Hydrogel and Botulinum Toxin A on Wound Repair of Cleft Lip Surgery in Rats *Journal of Functional Biomaterials*. 2022;13(3):142. DOI: 10.3390/jfb13030142
2. Movahedian Attar B, Soltani P, Davari D, Mehdizadeh M. Cone-beam computed tomographic comparison of chin symphysis bone particles and allograft versus iliac crest bone graft alone for reconstruction of alveolar bone defects in cleft patients. *Journal of the Korean Association of Oral and Maxillofacial Surgeons*. 2022;48(2):85-93. DOI: 10.5125/jkaoms.2022.48.2.85
3. Shekarchizade N, Shahpouri M, Avalin Charsooghi M, Spagnuolo G, Soltani P. Comparative evaluation of the effectiveness of different rotary systems in removal of root canal filling materials. *Giornale Italiano di Endodonzia*. 2022;36(1):151-158. DOI: 10.32067/GIE.2021.35.02.55
4. Moaddabi A, Soltani P, Rengo C, Molaei S, Mousavi SJ, Mehdizadeh M, Spagnuolo G. Comparison of antimicrobial and wound-healing effects of silver nanoparticle and chlorhexidine mouthwashes: an in vivo study in rabbits. *Odontology*. 2022 ;26:1-7. DOI: 10.1007/s10266-022-00690-z
5. Abdinian M, Katiraei M, Zahedi H, Rengo C, Soltani P, Spagnuolo G. Age Estimation Based on Pulp–Tooth Volume Ratio of Anterior Teeth in Cone-Beam Computed Tomographic Images in a Selected Population: A Cross-Sectional Study. *Applied Sciences*. 2021;11(21):9984. DOI: 10.3390/app11219984
6. Soltani P, Sami S, Yaghini J, Golkar E, Riccitiello F, Spagnuolo G. Application of Fractal Analysis in Detecting Trabecular Bone Changes in Periapical Radiograph of Patients with Periodontitis. *International Journal of Dentistry*. 2021. DOI: 10.1155/2021/3221448
7. Moaddabi A, Soltani P, Zamanzadeh M, Nosrati K, Mollamirzaei M, Cerner M, Spagnuolo G. Comparison of the Effects of Articaine and Lidocaine Anesthetics on Blood Pressure after Maxillary Infiltration Technique: A Triple-Blind Randomized Clinical Trial. *International Journal of Dentistry*. 2021. DOI: 10.1155/2021/8894160
8. Eisazadeh M, Khojastepour L, Haghnegahdar A, Soltani P. Comparison of Condylar Bone Density in Cone-Beam Computed Tomographic Images of Patients with and without Temporomandibular Joint Disorders. *Journal of Orofacial Sciences*. 2021;13(1):3. DOI: 10.4103/jofs.jofs_89_21
9. Devlin H, Soltani P. COVID-19 and Dentistry. *Encyclopedia*. 2021;1(2):496-504. DOI: 10.3390/encyclopedia1020041
10. Moaddabi A, Hasheminia D, Bagheri S, Soltani P, Patini R. Effect of opaque eye coverage on anxiety in candidates for surgical removal of impacted third molars: a randomized clinical trial. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*. 2021;132(3):267-272. DOI: 10.1016/j.oooo.2021.03.019
11. Soltani P, Baghaei K, Tavakoli Tafti K, Spagnuolo G. Science Mapping Analysis of COVID-19 Articles Published in Dental Journals. *International Journal of Environmental Research and Public Health*. 2021;18(4):2110. DOI: 10.3390/ijerph18042110
12. Soltani P, Isola G, Patini R. Oral and maxillofacial radiology in the era of COVID-19: what needs to be done? *Oral Radiology*. 2021;37(2):352-3. DOI: 10.1007/s11282-021-00510-0
13. Sheikhi M, Karami M, Abbasi S, Moaddabi A, Soltani P. Applicability of cone beam computed tomography gray values for estimation of primary stability of dental implants. *Brazilian Dental Science*. 2021;24(1):8-P. DOI: 10.1429/bds.2021.v24i1.2068
14. Abdinian M, Moshkforoush S, Hemati H, Soltani P, Moshkforoushan M, Spagnuolo G. Comparison of cone beam computed tomography and digital radiography in detecting separated endodontic files and strip perforation. *Applied Sciences*. 2020;10(23):8726. DOI: 10.3390/app10238726
15. Araghi S, Mirzaee SS, Soltani P, Miri S, Miri M. The effect of calcium hydroxide on the apical microleakage of canals filled with bioceramic and resin sealers. *Giornale Italiano di Endodonzia*. 2020;34(2):151-6. DOI: 10.32067/GIE.2020.34.02.13

16. Nikeghbal K, Zamanian Z, Shahidi S, Spagnuolo G, Soltani P. Designing and fabricating nano-structured and micro-structured radiation shields for protection against CBCT exposure. *Materials*. 2020;13(19):4371. DOI: 10.3390/ma13194371
17. Soltani P, Patini R. Retracted COVID-19 articles: a side-effect of the hot race to publication. *Scientometrics*. 2020;125(1):819-22. DOI: 10.1007/s11192-020-03661-9
18. Goodarzi M, Nikkerdar N, Soltani P, Miri M, Miri S. Application of Cone-Beam Computed Tomography for Evaluating Root Fenestration in an Iranian Subpopulation. *Pakistan Journal of Medical and Health Sciences*. 2020;14(2):1032-4.
19. Azizi A, Hatam R, Soltani P, Miri S, Abiri R. Comparison of effectiveness of Reciproc, Wave One, Protaper, and One Shape rotary instruments in reduction of bacterial load in root canals. *Giornale Italiano di Endodonzia*. 2020;34(1):13-7. DOI: 10.32067/GIE.2020.34.01.10
20. Shahnasari S, Sheikhi M, Hashemibeni B, Mousavi SA, Soltani P. Comparison of autogenous bone graft and tissue-engineered bone graft in alveolar cleft defects in canine animal models using digital radiography. *Indian Journal of Dental Research*. 2020;31(1):118. DOI: 10.4103/ijdr.IJDR_156_18
21. Kolahi J, Khazaei S, Iranmanesh P, Soltani P. Analysis of highly tweeted dental journals and articles: a science mapping approach. *British Dental Journal*. 2019;226(9):673-8. DOI: 10.1038/s41415-019-0212-z
22. Davari D, Arzhang E, Soltani P. Multiple calcifying hyperplastic dental follicles: a case report. *Journal of Oral and Maxillofacial Surgery*. 2019;77(4):757-61. DOI: 10.1016/j.joms.2018.11.021
23. Sanaye MR, Daneshfard B, Soltani P. Novel Approach to Dental Reconstruction by Means of Monomer/Polymer Gaussian Chain Statistics. *Dental Hypotheses*. 2018;9(3):75. DOI: 10.4103/denthyp.denthyp_70_17
24. Hasheminia SM, Farhad A, Sheikhi M, Soltani P, Hendi SS, Ahmadi M. Cone-beam computed tomographic analysis of canal transportation and centering ability of single-file systems. *Journal of Endodontics*. 2018;44(12):1788-91. DOI: 10.1016/j.joen.2018.09.011
25. Mousavi SA, Khademi A, Soltani P, Shahnasari S, Poorghorban M. Comparison of sealing ability of ProRoot mineral trioxide aggregate, biodentine, and ortho mineral trioxide aggregate for canal obturation by the fluid infiltration technique. *Dental Research Journal*. 2018;15(5):307. DOI: 10.4103/1735-3327.240470
26. Kolahi J, Soltani P. Scientific Landscape of Dental Literature in 2017. *Dental Hypotheses*. 2018;9(2):29. DOI: 10.4103/denthyp.denthyp_29_18
27. Hasheminia D, Moaddabi A, Moradi S, Soltani P, Moannaei M, Issazadeh M. The efficacy of 1% Betadine mouthwash on the incidence of dry socket after mandibular third molar surgery. *Journal of Clinical and Experimental Dentistry*. 2018;10(5):e445-e449. DOI: 10.4317/jced.54444
28. Miri S, Miri M, Soltani P, Moaddabi A. Dentin Dysplasia Type I: A Rare Case Report and Management Protocol. *International Journal of Dental Sciences and Research*. 2017;5(5):122-4. DOI: 10.12691/ijdsr-5-5-2
29. Boushehri SG, Moaddabi A, Soltani P, Boushehri SG, Shiva A. Heterotopic bone formation in the temporomandibular joint: Report of a case. *EC Dental Science*. 2017;13(1):39-42.
30. Firoozei G, Shahnasari S, Momeni H, Soltani P. Evaluation of orthognathic surgery on articular disc position and temporomandibular joint symptoms in skeletal class II patients: A Magnetic Resonance Imaging study. *Journal of Cnical and Experimental Dentistry*. 2017;9(8):e976-e980. DOI: 10.4317/jced.53824
31. Samandari MH, Soltani P, Goharian MM, Moaddabi A. Introduction of a Novel Technique for Reduction of Temporomandibular Joint Dislocation. *Journal of Advances in Medicine and Medical Research*. 2017;19(3):1-4. DOI: 10.9734/BJMMR/2017/30583
32. Soltani P, Mehdizadeh M, Azimipour M. The association between mandibular inferior cortex indices and serum levels of calcium and phosphorus. *Dental and Medical Problems*. 2017;54(2):143-7. DOI: 10.17219/dmp/71206
33. Moshfeghi M, Navabi SS, Soltani P, Moaddabi A. Prevalence of tonsillolith on cone beam computed tomography images in patients attending Shahid Beheshti University of Medical Sciences. *Journal of Advances in Medicine and Medical Research*. 2017;23:1-6. DOI: 10.9734/BJMMR/2017/31718
34. Miri S, Nourizadeh A, Soltani P. Comparison of Evidence-based and Conventional Education Effects on Radiography Assessment before Endodontic Treatment. *Educational Research in Medical Sciences*. 2016;5(2):52-6.
35. Moaddabi AH, Moaddabi A, Soltani P. Applications of Laser in Management of Oral Melanin Pigmentation. *Advances in Dentistry and Oral Health*. 2017;25(2):140-7. DOI: 10.19080/ADOH.2016.03.5555620

36. Haghghat A, Moaddabi A, Soltani P. Comparison of subciliary, subtarsal and transconjunctival approaches for management of zygomaticoorbital fractures. *Journal of Advances in Medicine and Medical Research*. 2017;20(4):1-9. DOI: 10.9734/BJMMR/2017/31843
37. Etemadi Sh, M., Shahnasari, S., Soltani, P., Kalantar Motamedi, M. Management of Naso-Orbito-Ethmoid Fractures: A 10-Year Review. *Trauma Monthly* 2017;22(3):e29230. DOI: 10.5812/traumamon.29230
38. Miri SS, Nejad MM, Soltani P. Evaluation of Patient Satisfaction with Dental Services at Kermanshah Dental Faculty in Iran. *Journal of Pioneering Medical Sciences*. 2016 Apr;6(3):89-92.
39. Soltani P. Endodontics for undergraduate dental students: How to enhance their abilities?. *Journal of Education and Ethics in Dentistry*. 2015;5(1):35. DOI: 10.4103/0974-7761.178035
40. Moaddabi A, Samandari MH, Shirani MJ, Soltani P. Multiple bilateral impacted distomolars in nonsyndromic condition: A rare case report. *SRM Journal of Research in Dental Sciences*. 2015;6(4):271. DOI: 10.4103/0976-433X.170292
41. Soheilipour S, Nilchian F, Soltani P, Jafarnia M. Evaluation of Knowledge and Practice of Obstetricians Regarding Dental Care During Pregnancy. *International Journal of Review in Life Sciences* 2015;5(4):1255-61.
42. Miri S, Mehralizadeh S, Sadri D, Motamedi MR, Soltani P. The efficacy of the reverse contrast mode in digital radiography for the detection of proximal dental caries. *Imaging Science in Dentistry*. 2015;45(3):141-5. DOI: 10.5624/isd.2015.45.3.141
43. Soltani P. An Apple a Day Keeps the Dentist Away: Fact or Fiction?(A Brief Review on Effects of Apple on Oral Health). *Scholars Journal of Dental Sciences*. 2015;2(4):293-5.
44. Soltani P. Panoramic-Based Radiographic Indices as Indicators of Bone Mineral Density at the Lumbar Spine. *Dental and Medical Problems*. 2015;52(2):249-50.
45. Mehdizadeh M, Booshehri SG, Kazemzadeh F, Soltani P, Motamedi MR. Level of knowledge of dental practitioners in Isfahan, Iran about cone-beam computed tomography and digital radiography. *Imaging Science in Dentistry*. 2015;45(2):133-5. DOI: 10.5624/isd.2015.45.2.133
46. Soltani P. To Seal or Not to Seal the Groove of the Carabelli Trait?. *Dental and Medical Problems*. 2015;52(1):117-8.
47. Haghghat A, Kaviani N, Jokar S, Soltani P, Ahmadi A. Evaluation of the effects of acupuncture on P6 and anti-gagging acupoints on the gag reflex. *Dental Hypotheses*. 2015;6(1):19-22. DOI: 10.4103/2155-8213.150866
48. Soltani P. Peer examination and its possible role in the improvement of oral health in dental students. *Journal of Dental Research and Scientific Development*. 2015;2(1):2. DOI: 10.4103/2348-3407.149619
49. Soltani P. Recommendations for improvement of oral health awareness in pregnant women. *Journal of Dental Research and Review*. 2015;2(1):52. DOI: 10.4103/2348-2915.154657
50. Karamian E, Motamedi MR, Khandan A, Soltani P, Maghsoudi S. An in vitro evaluation of novel NHA/zircon plasma coating on 316L stainless steel dental implant. *Progress in Natural Science: Materials International*. 2014;24(2):150-6. DOI: 10.1016/j.pnsc.2014.04.001
51. Karamian E, Motamedi MR, Mirmohammadi K, Soltani P, Khandan A. Correlation between crystallographic parameters and biodegradation rate of natural hydroxyapatite in physiological solutions. *Indian Journal of Scientific Research*. 2014;4(3):92-9.
52. Moaddabi A, Shariati M, Moaddabi A, Soltani P. Osseointegration of dental implants in patients with oral bisphosphonate intake: a review. *Journal of Craniomaxillofacial Research*. 2015 Oct 13:74-7.

Conference Lectures

1. 2021 CED-IADR/NOF Oral Health Research Congress, Sep 2021 (upcoming)
2. 3rd International Electronic Conference on Environmental Research and Public Health, Jan 2021
3. 16th International Congress of Iranian Society of Oral and Maxillofacial Surgeons, Feb 2018
4. 14th Congress of Iranian Dental Students, Oct 2014
5. 2nd International Congress of Recent Advances in Engineering, Feb 2014

Conference Posters

1. IADR/AADR/CADR General Session and Exhibition, Jul 2021
2. 12th Iranian Oral and Maxillofacial Radiology Congress, Feb 2020
3. 11th Iranian Oral and Maxillofacial Radiology Congress, Jan 2019
4. 10th Iranian Oral and Maxillofacial Radiology Congress, Mar 2018
5. 9th Iranian Oral and Maxillofacial Radiology Congress, Feb 2017
6. 7th Iranian Oral and Maxillofacial Radiology Congress, Feb 2015
7. 14th Congress of Iranian Dental Students, Oct 2014
8. 2nd National Congress of Dental Implants, Oct 2014
9. 16th International Congress of Iranian Association of Endodontists, Aug 2014
10. 1st National Congress on Application of Biomaterials in Regenerative Medicine, Feb 2014
11. 1st National Congress of Dental Implants, Jan 2014

Editorial Experience

Dental Hypotheses (2017-2022)

Dental Research Journal (2021-present)

Peer-review Experience

Dental Hypotheses

BMC Oral Health

Dental Research Journal

Giornale Italiano di Endodonzia

European Endodontic Journal

Journal of Physics and Chemistry of Solids

International Journal of Dentistry