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## Parisa Soltani, DDS, MS

### Personal Information

**Nationality:** Iranian

**Place of birth:** Isfahan, Iran

**Date of birth:** March 16, 1992

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

### Academic Positions and Memberships

Visiting Researcher and instructor at University of Naples “Federico II” (2023 - present)

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](http://deepbites.com/?page_id=541))

Translator at Cochrane Iran (2020 – present)

## Profiles

**Google Scholar:** <https://scholar.google.com/citations?user=xmsyyVwAAAAJ&hl=en&oi=ao>

**Publons:** <https://www.webofscience.com/wos/author/record/H-6654-2014>

**ORCID:** <http://orcid.org/0000-0002-9273-5279>

**Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=56133145200>

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

**ResearchGate:** [https://www.researchgate.net/profile/Parisa\\_Soltani4](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  
Thesis: Applicability of cone beam computed tomography gray values for estimation of primary stability of dental implants

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

## 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
- Jan 2023 – present*     **Visiting Researcher**  
  
University of Naples “Federico II”, Naples, Italy

## 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. Mehdizadeh M, Tavakoli Tafti K, Soltani P. Evaluation of histogram equalization and contrast limited adaptive histogram equalization effect on image quality and fractal dimensions of digital periapical radiographs. *Oral Radiology*. 2022. DOI: 10.1007/s11282-022-00654-7
2. Namdar P, Moaddabi A, Yazdian R, Saeedi 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
3. Soltani P, Lashkarizadeh M, Sheikhi M, Iaculli F, Spagnuolo G. Bilateral Aplasia of the Frontal, Sphenoid and Maxillary Sinuses and Unilateral Aplasia of the Ethmoid Air Cells. *Journal of Iranian Medical Council*. 2022;5(3):532-6. DOI: 10.18502/jimc.v5i3.10952
4. 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
5. 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
6. 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
7. 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
8. 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
  9. Moaddabi A, Soltani P \*, Zamanzadeh M, Nosrati K, Mollamirzaei M, Cernera 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
  10. 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
  11. Devlin H, Soltani P \*. COVID-19 and Dentistry. *Encyclopedia*. 2021;1(2):496-504. DOI: 10.3390/encyclopedia1020041
  12. 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
  13. 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
  14. 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
  15. 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.v24il.2068
  16. 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
  17. 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
  18. 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
  19. 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
  20. 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.
  21. 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
  22. 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
  23. 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

24. 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
25. 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
26. 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
27. 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
28. Kolahi J, Soltani P \*. Scientific Landscape of Dental Literature in 2017. *Dental Hypotheses*. 2018;9(2):29. DOI: 10.4103/denthyp.denthyp\_29\_18
29. 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
30. 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
31. 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.
32. 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 Clinical and Experimental Dentistry*. 2017;9(8):e976-e980. DOI: 10.4317/jced.53824
33. 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
34. 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
35. 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
36. 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.
37. 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
38. 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
39. 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
40. 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;6(3):89-92.
41. 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

42. 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
43. 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.
44. 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 dentinal caries. *Imaging Science in Dentistry*. 2015;45(3):141-5. DOI: 10.5624/isd.2015.45.3.141
45. 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.
46. 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.
47. 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
48. Soltani P \*. To Seal or Not to Seal the Groove of the Carabelli Trait?. *Dental and Medical Problems*. 2015;52(1):117-8.
49. 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
50. 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
51. 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
52. 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
53. 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.
54. 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. 3<sup>rd</sup> International Electronic Conference on Environmental Research and Public Health, Jan 2021
3. 16<sup>th</sup> International Congress of Iranian Society of Oral and Maxillofacial Surgeons, Feb 2018
4. 14<sup>th</sup> Congress of Iranian Dental Students, Oct 2014
5. 2<sup>nd</sup> International Congress of Recent Advances in Engineering, Feb 2014

## Conference Posters

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

## Editorial Experience

Dental Hypotheses (2017-2022)

Dental Research Journal (2021-present)

BMC Oral Health (2022-present)

European Endodontic Journal (2022-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