

## **Razi, Tahmineh**



Title: Associate Professor

Department of Oral & maxillofacial radiology

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### **Academic & administrative position**

Associate professor of Oral and maxillofacial radiology, dental school, Tabriz University of medical sciences

Mentor of dental students

### **Educational background**

1998- DDS, Tabriz University of medical sciences, Iran

2004- MS in Oral and maxillofacial radiology, Tehran University of medical sciences, Iran

## **Courses**

Graduate Students/Post Graduate Students

Continuing Education

## **Research interests**

Scholarship of teaching

Forensic dentistry

TMJ

## **Abstracts**

National congresses

- 1- Razi T. Technique errors of panoramic images. 6th international congress of Iranian association of orthodontics, 2007, Tehran
- 2- - Razi T, Moslemzadeh S.H. Digital subtraction radiography and detecting of density changes in bone. The 8th international congress of Iranian academy of periodontology, 2008, Kish
- 3- Moslemzadeh S.H, Rafighi A, Razi T. Periodontal surgery for retention of orthodontic treatment, The 8th international congress of Iranian academy of periodontology, 2008, Kish
- 4- Razi T, Moslemzadeh S.H. Chonal atresia, 1st congress of Iranian association of oral and maxillofacial radiology, 2009, Tehran
- 5- Moslemzadeh S.H, Razi T. Natural head position in cephalometry, 1st congress of Iranian association of oral and maxillofacial radiology, 2009, Tehran
- 6- Razi T. Digital subtraction radiography and external root resorption, 7th international congress of Iranian association of orthodontics, 2009, Hamedan
- 7- Razi T, Moslemzadeh S.H. The role of panoramic image in detection of radiation-induced cervical atheromas, 2ed congress of Iranian association of oral and maxillofacial radiology, 2010, Tehran
- 8- Moslemzadeh S.H, Razi T, Rafighi A, Nourizade A. The role of vertebral maturation (CVM) method for the assessment of optimal treatment timing in dentofacial orthopedics, 2ed congress of Iranian association of oral and maxillofacial radiology, 2010, Tehran

- 9- Razi T, Niknami M, Cheri N. Comparison of conventional periapical radiography and indirect digital subtraction in detection of density with and without enhancement, 50th International congress of Iranian dental association, 2010, Tehran
- 10- Moslemzadeh S.H, Ghsemi SH, Razi T, Sohrabi A. Comparison of space prediction accuracy by Tanaka-Johnston method and simple visual observation in the mixed dentition, 8th international congress of Iranian association of orthodontics, 2010, Tehran
- 11- Moslemzadeh S.H, Razi T, Rafeighi A, Nourizade A, Kananizade Y. Evaluation of mandibular interradicular spaces and cortical bone thickness with cone beam computed tomography for orthodontic mini implant installation, 8th international congress of Iranian association of orthodontics, 2010, Tehran
- 12- Mostafavi M, Razi T. The role of image modalities in diagnosis of salivary gland tumors, 1st congress of saliva and salivary gland tumors, 2011, Ghazvin
- 13- Razi T. Mostafavi M. Moslemzadeh S.H. Different imaging techniques of zygomatic arch fractures, 3rd congress of Iranian association of oral and maxillofacial radiology, 2011, Tehran
- 14- Moselmzadeh S.H. Razi T. Rafeighi A. Ghasemi SH. Sohrabi A. Can dentists rely on simple visual observation to predict the required space in the mixed dentition? 8th congress of European association of orthodontics, 2011, Istanbul
- 15- Razi T, Johari M, Biuki N. Radiographic finging of Hurler syndrome. 4th congress of Iranian association of oral and maxillofacial radiology, 2012, Isfahan
- 16- Razi T, Mostafavi M, Purkazemi M. Diagnostic ability of cone beam computed tomography to detection of caries, 12th international congress of Iranian academy of restorative dentistry, 2012, Tabriz
- 17- Bioki N, Razi T. Evaluation of age prediction by CBCT images of anterior teeth . 7th congress of Iranian association of oral and maxillofacial radiology, 2014 , Tehran
- 18- Razi T, Bioki N, Razi S. Fibrous ankylosis of TMJ and imaging techniques. 7th congress of Iranian association of oral and maxillofacial radiology, 2014 , Tehran
- 19- Razi T, Multiple myeloma involving TMJ. 8th congress of Iranian association of oral and maxillofacial radiology, 2015 , Tehran
- 20- Razi T, Razi S, Orofacial manifestations in Ehlers-Danlos syndrome (EDS). 9th congress of Iranian association of oral and maxillofacial radiology, 2015 , Tehran
- 21- Razi T, Razi S. Postoperative maxillary cyst and diagnostic images. 18th symposium of Iranian academy of periodontology, 2018, Iran, Tabriz
- 22- Razi S, Razi T. Periodontal ligament widening. 18th symposium of Iranian academy of periodontology, 2018, Iran, Tabriz
- 23- Razi t, Sialendoscopy. 13th congress of Iranian association of oral and maxillofacial radiology, 2019 , Tehran
- 24- Razi S, Razi T, Mucormycosis. 14th congress of Iranian association of oral and maxillofacial radiology, 2020 , Tehran

25- Razi T, Razi T, Multifocal myositis ossificans. 14<sup>th</sup> congress of Iranian association of oral and maxillofacial radiology, 2020 , Tehran

#### **International congresses**

Moslemzade SH, Razi T, Rafighi A, Ghasemi S, Sohrabi A. Can dentists rely on simple visual observation to predict the required space in the mixed dentition?, 87th congress of the European orthodontic society, 2011, Istanbul

#### **Articles in Press**

1. Razi T, Razi S. Comparison of linear dimensions and angular measurement of panoramic images taken with two machines. JODDD 2009; August
2. Razi , Bazvand L, Ghojazade M. Diagnostic dental radiation risk during pregnancy: Awareness among general dentists in Tabriz. JODDD 2011; April
3. Razi T, Mohammadi A, Gojazadeh M. Comparison of Accuracy of Conventional Periapical Radiography and Direct Digital Subtractions Radiography with or without Image Enhancement in the Diagnosis of Density Changes . JODDD 2012; Spring
4. Razi T, Sighari A. The Comparison of Learning Radiographic Extraoral Anatomic Landmarks through Lecture and blended method(Computer-Assisted teaching and Lecture): An interventional Study. Res Dev Med Educ 2013, 2(1), 31-34
5. Razi T, Niknami M, Alavi Ghazani F. Relationship between Hounsfield Unit in CT Scan and Gray Scale in CBCT. JODDD 2014; Spring
6. Biuki N, Ghojazadeh M, Razi T. Age prediction by cone beam computed tomography images of maxillary central incisor and maxillary canines teeth. Research Paper 2015; 87(1s), 191-199
7. Ghasemi N, Janani M, Razi T, Atharmoghaddam F. Effect of different mixing and placement methods on the quality of MTA apical plug in simulated apexification model. J Clin Exp Dent 2017
8. Biuki N, Razi T, Faramarzi M. Relationship between pulp-tooth volume ratios and chronological age in different anterior teeth on CBCT. J Clin Exp Dent 2017
9. Razi T, Sighary Deljavan A, Ghojazadeh M. Comparison of learning radiographic extraoral landmarks through two methods. Advances in Bioscience & Clinical Medicine. 2017; 5(2), 27-35

10. Ghasemi N, Janani M, Razi T, Atharmoghaddam F. Effect of different mixing and placement methods on the quality of MTA apical plug in simulated apexification model. *J Clin Exp Dent*. 2017;9(3):e351-5
11. Rahimi S, Ghasemi N, Razi T, Rezaiepour A. Quality of the calcium-enriched mixture apical plug in simulated apexification model; Effect of different mixing and placement methods. *J Clin Exp Dent* 2017; 9(10), e1237-41
12. Nourbakhsh R, Razi S, Razi T. Evaluation of Relation of Dimensional Measurement of Different Anatomic Skull Structures to Determine Sexual Dimorphism in Cone Beam CT Images of an Iranian Population. *Journal of research in medical and dental sciences*. 2018; 5(5)
13. Razi T, Razi S. Association between the morphology and thickness of bony components of the temporomandibular joint and gender, age and remaining teeth on cone-beam CT images. *Journal of Dental and medical problems*. 2018; 55(3): 229-304
14. Razi T, Emamverdizadeh P, Nialvar N, Razi S. Comparison of the Hounsfield unit in CT scan with the gray level in cone-beam CT. *JODDD* 2019; May
15. Razi T, Vahdani Manaf N, Yadekar M, Razi S, Gheybi SH. Correction of cupping artifacts in axial cone-beam computed tomography images by using image processing algorithms. *Journal of advanced oral research*. 2019; 10(2): 132-136
16. Shalakizadeh M, Razi T, Emamverdizadeh P, Razi S. Relationship between body height and length of canine teeth in term of jaw and gender using CBCT technique in patients. *Journal of forensic imaging*. 2020; 21 April
17. Daneshmehr S, Razi T, Razi S. Relationship between the condyle morphology and clinical findings in terms of gender, age, and remaining teeth on cone beam computed tomography images. *Braz J Oral Sci*. 2022; 21: e226611
18. Nasereslami F, Razi T, Banakar E, Emamverdizadeh P, Razi S. Comparison of Dimensions of the Palate Between Individuals With and Without Nasal Septum Deviation on Cone-Beam Computed Tomography Images in an Iranian Population. *Avicenna J of Den Res*. 2022; 14(4)
19. Maghbuli H, Razi T, Banakar E, Emamverdizadeh P, Razi S. Errors in Panoramic Images Based on the Dentition Type of Patients Referring to the Oral and Maxillofacial Radiology Department of Tabriz Dental School During 2017-2018. *Avicenna J of Den Res*. 2023; 15(2): 36-41

#### **Research grants**

1. Association between bridging and dimensions of sella turcica in anterior posterior malocclusions
2. Evaluation of mandibular interradicular spaces and cortical bone thickness with cone beam computed tomography for orthodontic mini implant installation
3. Comparison of radiographic extraoral anatomic landmarks learning with traditional and non-traditional (computer-assisted learning and lecture)

4. The role of panoramic image in the diagnosis of cervical spine changes
5. Accommodation of hounsfield unit achieved from ct scans with gray scale of cbct images
6. Evaluation of Correlation Between Chronological Age and Pulp/Tooth Volume Ratio According to Tooth Type and Sex in Cone Beam Computed Tomography Images of Patients Referred to the Radiology Department of Tabriz Dental Faculty
7. Relationship between morphology and thickness of TMJ bony components according to gender, age and remaining teeth on cone beam CT images of an Iranian population
8. Evaluation of relation of dimensional measurement of different anatomic skull structures to determine sexual dimorphism accuracy on cone beam CT images of an Iranian population.
9. Evaluation of Compatibility of Hounsfield unit in CT scans with Gray level of Cone-beam CT Correction of cupping artifacts in axial cone-beam computed tomography images by using image processing algorithms. Journal of advanced oral research
10. Correction Of Cupping Artifacts in Axial and cross-sectional Cone Beam Computed Tomography images By Using Image Processing algorithms, In Matlab Software
11. Evaluation of artifacts created by metal materials in the exomass in cone beam computed tomography imaging