

## Curriculum Vita



### Personal Information

**Name:** Mustafa Mahmoud Mustafa Alkhader

**Home address:** Amman, Jordan

**Work address:** Jordan University of Science & Technology, Faculty of Dentistry,  
Department of Oral Medicine and Oral Surgery

**Contact details:**

Phone number: 00962795175583

E-mail: [mmalkhader@just.edu.jo](mailto:mmalkhader@just.edu.jo)

[mustafaalkhader@hotmail.com](mailto:mustafaalkhader@hotmail.com)

### Academic Qualifications:

- **BDS**, Jordan University, Amman/Jordan (2003)
- **PhD** (Oral and Maxillofacial Radiology), Tokyo Medical and Dental University, Tokyo, Japan (2010)
- **JBOMR** (Jordanian Board in Oral and Maxillofacial Radiology), Jordan (2013)

### Work Experience:

- **Senior Resident**, Jordan University Hospital, Amman/Jordan, 7/2003-1/2004
- **Dentist** in private sector, Amman/Jordan, 1/2004-1/2005
- **Research Assistant**, Tokyo Medical and Dental University, Tokyo, Japan, 10/2005-4/2010
- **Assistant Professor**, Oral and Maxillofacial Radiology, King Saud University, Riyadh/Saudi Arabia, 9/2010-9/2012
- **Assistant Professor**, Oral and Maxillofacial Radiology, Jordan University of Science & Technology, Irbid/Jordan, 9/2012-3/2018
- **Associate Professor**, Oral and Maxillofacial Radiology, Jordan University of Science & Technology, Irbid/Jordan, 3/2018-10/2022
- **Reviewer**, Dento-Maxillofacial Radiology, Oral Radiology, Saudi Dental, Biotechnology and Biotechnological Equipment, Case Reports in Dentistry, European Journal of Dentistry, Journal of Stomatology, Surgical and radiologic anatomy and BMC oral health from 9/2011-till now
- **Section Editor (Oral and Maxillofacial Radiology section):** European Journal of Dentistry, 1/2018- till now
- **Vice Director of Center of Excellence for Innovative Projects:** Jordan University of Science & Technology, Irbid/Jordan, 9/2019-9/2020
- **Professor**, Oral and Maxillofacial Radiology, Jordan University of Science & Technology, Irbid/Jordan, 10/2022-till now.

## **Publications:**

1. **Alkhader M, Ohbayashi N, Tetsumura A, Nakamura S, Okochi K, Momin MA, Kurabayashi T:** Diagnostic performance of MRI for detecting osseous abnormalities of the temporomandibular joint and its correlation with cone-beam CT. *Dentomaxillofacial Radiology* (2010) 39, 270–276.
2. **Alkhader M, Kuribayashi A, Ohbayashi N, Nakamura S, Kurabayashi T:** Usefulness of cone beam computed tomography in temporomandibular joints with soft tissue pathology. *Dentomaxillofacial Radiology* (2010) 39, 343–348
3. **Alkhader M, Alsadhan R, Alshawaf R:** Cone-beam computed tomography findings of temporomandibular joints with osseous abnormalities. *Oral Radiology* (2012) 28:82–86
4. **Al-Ekrish AA, Ekram MI, Al Faleh W, Alkhader M, Al-Sadhan R:** The validity of different display monitors in the assessment of dental implant site dimensions in cone beam computed tomography images. *Acta Odontologica Scandinavica* (2013) 71:1085–1091
5. **Alkhader M, Hudieb M:** Comparison of mesiodistal space measurements of single-implant sites on panoramic and oblique images generated by cone-beam CT. *Surgical and Radiological Anatomy* (2014) 36:255-258
6. **Alkhader M, Hudieb M, Khader Y:** Comparison of mesiodistal measurements of single implant sites on panoramic images generated at different horizontal levels: a cone beam CT study. *Oral and Maxillofacial Radiology* (2016) 4:1-5.
7. **Alkhader M, Jarab F:** Visibility of the Mandibular Canal on Cross-Sectional CBCT Images at Impacted Mandibular Third Molar Sites. *Biotechnology & Biotechnological Equipment* (2016) 30:578-584.
8. **Alkhader M, Hudieb M, Jarab F, Shaweesh A:** The Visibility of Mandibular Canal on Orthoradial and Oblique CBCT Slices at Molar Implant Sites. *Biotechnology & Biotechnological Equipment* (2016) 30:770-776.
9. **Alkhader M, Hudieb M, Khader Y:** Predictability of bone density at posterior mandibular implant sites using cone-beam computed tomography intensity values. *European Journal of Dentistry* (2017) 11:311-316.
10. **Alrashdan M, Alkhader M:** Psychological factors in oral mucosal and orofacial pain conditions. *European Journal of Dentistry* (2017) 11:548-552.

11. **Alkhader M, Alrashdan M, Khader Y:** Usefulness of measuring radiographic density of axis vertebra in patients at risk of osteoporosis: A cone beam CT study. *European Journal of Dentistry* (2018) 12: 496-501.
12. **Alkhader M, Aldawodyeh A, Abdo N:** Usefulness of measuring bone density of mandibular condyle in patients at risk of osteoporosis: A cone beam CT study. *European Journal of Dentistry* (2018) 12: 363-368.
13. **Alrashdan MS, Alazzam M, Alkhader M, Phillips C:** Career perspectives of senior dental students from different backgrounds at a single Middle Eastern institution. *BMC Med Educ* (2018) 18:283.
14. **Alkhader M, Geijer M:** Comparative analysis of the oropharyngeal airway in patients aged over 40 years: A cone beam computed tomography study. *European Journal of General Dentistry* (2019) 8:76-79.
15. **Alkhader M, Saadeh R:** The Knowledge of Sleep Medicine among Dental Interns in Northern Jordan. *European Journal of Dentistry* (2020) 15:193-196.
16. **Alkhader M, Hudieb M, Kheirallah K:** Effect of calibration of a medical review monitor on the visibility of mandibular canal at dental implant sites: A cone beam CT study. *Indian Journal of Dental Research* (2020) 31:883-887.
17. **Hudieb M, Haddad A, Bakeer M, Alkhazaaleh A, Alkhader M, Taani D, Kasugai S:** Influence of Age on Calvarial Critical Size Defect Dimensions: A Radiographic and Histological Study. *J Craniofac Surg* (2021) 32: 2896-2900
18. **Alkhader M, Alrashdan M, Abdo N, Abbas R:** Usefulness of Hard Palate Measurements in Predicting Airway Dimensions in Patients Referred for Cone Beam CT. *The Open Dentistry Journal* (2021) 15: 505-511.
19. **Alkhader M, Aldawodyeh A:** Influence of CBCT volume orientation on the proximity of maxillary sinus to the alveolar crest at dental implant sites. *World Journal of Dentistry* (2021) 13: 53-56.
20. **Hudieb M, Alkhader M, Mortaja S, Abusamak M, Wakabayashi N, Kasugai S:** Impact of Bone Augmentation of Facial Bone Defect around Osseointegrated Implant: A Three-Dimensional Finite Element Analysis. *Dentistry Journal* (2021) 9: 114-121.
21. **Saadeh R, Alrefai B, Altarifi A, Alkhader M, Kana'an N:** The Use of social media for Dental Practice Marketing. *Annals of Public Health and Research* (2022) 9:1114-1121.
22. **Amasya H, Alkhader M, Serindere G, Gąbka KF, Belgin CA, Gusarev M, Ezhov M, Shumilov E, Różyło-Kalinowska I, Orhan K:** Evaluation of a decision support system developed with deep learning approach for detecting dental caries with cone-beam computed tomography imaging. *BioMed Research International* (accepted: 5/2022)

23. **Alkhader M, Alomari T, Alajlouni M, Różyło-Kalinowska I, Kalinowski P, Luke AM:** Knowledge and attitudes of Jordanian and Polish dental interns toward Cone beam CT. *Journal of Stomatology* (accepted: 8/2022)
24. **Alkhader M, Almansour Y, Shamsan H, Banimostafa L, Qaqish F, Alnuseir A, Hawari N, Alzghoul S:** CBCT appraisal of anatomical landmarks used in Vazirani–Akinosi nerve block technique. *Oral Radiology* (9/2022)
25. **Alomari T, Alkhader M, Ates A, Ateş AA, Wahjuningrum DA, Dkmak A, Khaled W, Alzenate H.:** A CBCT based cross sectional study on the prevalence and anatomical feature of C shaped molar among Jordanian. *Scientific Reports* (10/2022)

**Conferences/Scientific meetings attended:**

1. **Speaker- " *Diagnostic performance of MRI for detecting osseous abnormalities of the temporomandibular joint and its correlation with cone-beam CT.* "** 7th Asian congress of Oral and Maxillofacial Radiology, Nara, Japan (11/2008)
2. **Speaker- " *Usefulness of cone beam computed tomography in temporomandibular joints with soft tissue pathology.* "** 60th annual session of American Academy of Oral and Maxillofacial Radiology, Kentucky, USA. (10/ 2009)
3. **Speaker - " *Comparison of mesiodistal measurements of single implant sites on panoramic images generated at different horizontal levels: a cone beam CT study* ".** 1<sup>st</sup> international congress of Oral diagnosis and Maxillofacial Radiology Society, Izmir, Turkey (4/ 2015)
4. **Poster- " *The Visibility of Mandibular Canal on Orthoradial and Oblique CBCT Slices at Molar Implant Sites.* "** 15th European congress of DentoMaxillofacial Radiology, Cardiff, UK. (6/2016).
5. **Speaker- " *Visibility of the Mandibular Canal on Cross-Sectional CBCT Images at Impacted Mandibular Third Molar Sites.* "** 11th Asian congress of Oral and Maxillofacial Radiology, Chiangmai, Thailand (11/2016)
6. **Speaker- " *Usefulness of measuring radiographic density of axis vertebra in patients at risk of osteoporosis: A cone beam CT study.* "** 31 Annual meeting of European Society of Head and Neck Radiology, London, UK (9/2018)
7. **Speaker- " *Sleep medicine knowledge among dental interns in northern Jordan.* "** 25<sup>th</sup> International Congress of the Turkish Dental Association, Istanbul, Turkey (9/2019)
8. **Speaker- " *Usefulness of hard palate measurements in predicting airway dimensions in patients referred for cone beam CT.* "** The 23rd International Congress of DentoMaxilloFacial Radiology in conjunction with the 53rd Annual Scientific Meeting of KAOMFR, Gwangju, South Korea. (4/ 2021)
9. **Speaker- " *CBCT appraisal of anatomical landmarks used in Vazirani Akinosi nerve block technique.* "** 13th Asian congress of Oral and Maxillofacial Radiology in conjunction with 62nd Annual Meeting of the Japanese Society of Oral and Maxillofacial Radiology, Gifu, Japan (6/ 2022)

10. **Speaker - " Knowledge and attitudes of Jordanian and Polish dental interns toward Cone beam CT "**. 4<sup>th</sup> international congress of Oral diagnosis and Maxillofacial Radiology Society, Izmir, Turkey (10/ 2022)
11. **Poster - " Effect of monitor bit depth on the visibility of the mandibular canal at dental implant sites: A cone beam CT study."**. 4<sup>th</sup> international congress of Oral diagnosis and Maxillofacial Radiology Society, Izmir, Turkey (10/ 2022)

### **Master thesis supervised:**

1. Keeping dental records for medical and forensic uses by dental practitioners in Jordan (2014)
2. Knowledge and attitudes of dentists in northern Jordan regarding obstructive sleep apnea (2019)
3. Is there a relationship between degenerative changes of atlanto-dens joint and oropharyngeal airway dimensions: a cone beam CT study (2022)

### **Internal Examiner:**

1. Main examiner for selecting dental radiographers for Jordan University of Science and Technology (2013-2014)
2. A committee member for a master thesis (the effect of unilateral crossbite on maxillofacial and dental structures: a CBCT evaluation) (2015)
3. A committee member for a master thesis (awareness and compliance about forensic dentistry among dental professionals in Jordan) (2016)
4. Examiner for Jordanian Board of Oral and Maxillofacial Radiology (from 2018).
5. A committee member for a master thesis (the use of social media among Jordanian dentists to market their dental practice) (2021)

### **Courses attended:**

1. **"Cone beam computed tomography: essentials of principles and interpretation for dentists"**. King Saud University, Riyadh/Saudi Arabia (5/2011)
2. **"Modern teaching strategies"**. Jordan University of Science & Technology, Irbid/Jordan (9/2013)
3. **"Statistical package for social sciences (SPSS)"**. Jordan University of Science & Technology, Irbid/Jordan (9/2013)
4. **"Theory and practice of problem-based learning in dental education"**. Jordan University of Science & Technology, Irbid/Jordan (10/2013)
5. **"Cone beam computed tomography (CBCT) basic users' course- level 1 and level 2"**. (The course was designed by American Academy of Oral and Maxillofacial Radiology and presented by Prof. Sharon Brooks in Jordan University of Science and Technology, Irbid/Jordan (5/2014)
6. **"Musculo-Skeletal Radiology Training"**. Lund University, Lund/Sweden (7/2018, Erasmus Plus ICM)

7. **"Computer guided implantology"**. (By Prof. Stewart Harding in Jordan University of Science and Technology, Irbid/Jordan (10/2018)
8. **"Scientific research: materials and methods"**. Jordan University of Science & Technology, Irbid/Jordan (12/2018)
9. **"Maxillofacial Radiology Training"**. Lublin Medical University, Lublin/Poland (10/2019, Erasmus Plus ICM)
10. **"Critical and Creative Thinking"**. Jordan University of Science & Technology, Irbid/Jordan (1/2021)
11. **"Step-by-step Guide on How to Prepare a Successful Paper"**. Springer Nature. (9/2021)
12. **"How to Get Published in an Academic Journal"**. Wiley. (9/2021)
13. **"Blended Learning"**. Jordan University of Science & Technology, Irbid/Jordan (9/2021)
14. **"Publishing Academic Books with Springer Nature"**. Springer Nature. (11/2021)
15. **"Interactive eLearning and Assessment with Edulastic"**. Coursera Project Certificate. (4/2022)
16. **"Applying the Quality Matters Rubric (APPQMR)"**. Jordan University of Science & Technology, Irbid/Jordan (6/2022)
17. **"Building Electronic Website"**. Jordan University of Science & Technology, Irbid/Jordan (10/2022)

### **Courses conducted:**

- **"Cone beam CT (CBCT): basic training and interactive workshop"** for dentists, Jordan University of Science & Technology, Irbid (2015-2022).
- **" How to conduct and publish medical research "** for medical specialists, Jordan University of Science & Technology, Irbid (2021-2022).

### **Professional memberships:**

1. Member of the Jordanian Dental Association
2. Member of the Asian Academy of Oral and Maxillofacial Radiology
3. Member of the International Association of DentoMaxilloFacial Radiology

### **Certificates**

1. ICDL (international computer driving license)
2. IELTS (international English language testing system)
3. Super PhD student certificate
4. Training certificate in the field of head and neck radiotherapy from Japan national cancer center

## **Referees:**

1. **Prof. Kaan Orhan** (Oral Radiologist, Ankara University).  
knorhan@dentistry.ankara.edu.tr, call53@yahoo.com
2. **Prof. Raed Alsdhan** (Oral Radiologist, King Saud University).  
rsadhan@hotmail.com
3. **Prof. Ingrid Różyło-Kalinowska** (Oral Radiologist, Medical University of Lublin).  
ingrid.rozylo-kalinowska@umlub.pl, ingrozyl@wp.pl
4. **Prof. Junichi Asami** (Oral Radiologist, Okayama University).  
asaumi@md.okayama-u.ac.jp