

## ملخص

الاسم: اسامة عبدالله محمد ابو حجاد

الاختصاص: تركيبات وزراعة الاسنان

الدراسة ومكانها: بكالوريوس طب الاسنان من الجامعة الاردنية ذات الترتيب 8 في الوطن العربي.

ماجستير التركيبات السنية من جامعة بريستول / انجلترا 1993 ذات الترتيب العالمي: 68-87 (بين الاعوام 2011-2019)  
دكتوراة زراعة الاسنان من نفس الجامعة جامعة بريستول / انجلترا 1996.

العمل: محاضر زائر في جامعة بريستول 1996, استاذ مساعد ثم استاذ مشارك (2002) ثم استاذ (2007) في الجامعة الاردنية 1996-2012 ، استاذ في جامعة طيبة من 2012-2022 ، استاذ في الجامعة الاردنية من 2022- حتى الان.  
رئيس قسم الاستعاضات السنية في كلية طب الاسنان / الجامعة الاردنية ، عضو لجنة تحديد الاختصاص في نقابة اطباء الاسنان الاردنية عضو لجنة اختصاص التركيبات السنية في المجلس الطبي الاردني 2008-2009 ثم رئيس لجنة اختصاص التركيبات السنية في المجلس الطبي الاردني من 2009-2013.

مؤسس ومنسق وكالة الكلية للدراسات العليا والبحث العلمي في كلية طب الاسنان ، جامعة طيبة.

المورات العلمية: شارك في العديد من المورات العلمية في زراعة الاسنان وتحليلات العنصر المنتهي FINITE

.ELEMENT ANALYSIS

براءات الاختراع: له براءة اختراع مسجلة بمكتب براءات الاختراع البريطاني في 8/11/2006. تحت رقم GB2425727.

البحوث العلمية والكتب: له ما يقارب المئة بحث منشورة في مجلات علمية محكمة (كثير منها في قواعد بيانات ثبسون رويترز وسكوبس) او جزء من كتاب منشور. وتقع مجالات هذه الابحاث في: تحليلات العنصر المنتهي ، استعمال الذكاء الاصطناعي في البحوث الطبية ، مكافحة التدخين ، المسوحات الصحية للمجتمع الاستعاضات السنية وزراعة الاسنان.

# Curriculum Vitae

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## Personal Details

Name: O A Abu-Hammad  
Nationality: Jordanian  
Date of Birth: 5/1/1967  
Marital status: Married (with 4 children).

Address: P.O.Box 961315  
Amman 11196  
Jordan  
Tel: 00962796001298  
: 00966567172510  
Email: o.abuhammad@yahoo.com

## Education and Qualifications

### Oct 1992-Oct 1996

**Doctor of Philosophy in Prosthetic Dentistry (PhD)**, Faculty of Dentistry, University of Bristol. The title of the thesis was:  
"The Influence of Some Factors on the Compressive Stress Levels Around Dental Implants".

### Oct 1991-Oct 1992

**Master of Science in Prosthetic Dentistry (MSc)**, Faculty of Dentistry, University of Bristol. The title of the thesis was:  
"An Electrogonathographic Comparison of Mandibular Movement in Dentate Subjects and Edentate Subjects with Complete Dentures and Implant Supported Overdentures".

### Oct 1984-June 1989

**Bachelors of Dental Surgery (BDS)**, Faculty of Dentistry, University of Jordan.

## Work Experience

17 February 2022

Professor of Prosthetic and Implant Dentistry, University of Jordan

Academic years 2012-2013 till 6<sup>th</sup> Jan 2022

**Professor**, College of Dentistry, Taibah University, Madinah, KSA.

25<sup>th</sup> May 2014-15<sup>th</sup> August 2015

**Acting Vice Dean**

Vice Deanship of Higher Studies and Scientific Research, College of Dentistry, Taibah University.

25<sup>th</sup> May 2013- 25<sup>th</sup> May 2014

**Coordinator (Acting Vice Dean)**, Vice Deanship of Higher Studies and Scientific Research (Acting Vice Dean), College of Dentistry, Taibah University, Established for the first time the Deanship of Higher Studies and Scientific Research at College of Dentistry with the following committees:

- Higher Studies
- Scientific Research
- Support of Demonstrators inland and abroad
- Saudi fellowships
- College of Dentistry Research Laboratory
- Research Ethics Committee (was founded and gained international recognition with substantive effort by other member of staff: Prof. Tamer Hifnawy).

15<sup>th</sup> July 2013- 15<sup>th</sup> July 2015

**Vice Chairman** of College of Dentistry Research Center, College of Dentistry, Taibah University, Madinah, KSA.

31<sup>st</sup> August 2012-Date

**Professor**, Department of Substitutive Dental Sciences, College of Dentistry, Taibah University, Madinah, KSA.

10<sup>th</sup> September 2008 – October 2010

**Head of Department** of Prosthetic Dentistry, Faculty of Dentistry, University of Jordan.

Academic Year 2005-2006

**Associate Professor**, Faculty of Dentistry, King Faisal University (in a sabbatical from University of Jordan).

September 2008 – July 2013

**Member of the Examinations Committee** of the Jordanian Medical Council (Scientific Committee) / Specialty of Prosthetic Dentistry,.

January 2009 – September 2009

**Vice President of the Examination Committee** of the Jordanian Medical Council (Scientific Committee) for the specialty of Prosthetic Dentistry.

September 2009 - July 2013

**President of the Examinations Committee** of the Jordanian Medical Council (Scientific Committee) / Specialty of Prosthetic Dentistry.

September 2009 – July 2013

**Member of the Basic Medical Sciences Examination Committee** of the Jordanian Medical Council.

September 2011 – July 2013

**Vice President of the Basic Medical Sciences Examination Committee** of the Jordanian Medical Council.

### **Academic Career and teaching duties**

30<sup>th</sup> August 2012- 1<sup>st</sup> January 2022

**Professor**, Department of Substitutive Dental Sciences, College of Dentistry, Taibah University, Saudi Arabia.

**Teaching duties throughout career at University of Jordan included the following:**

**Removable Prosthodontics 1:** Preclinical course for third year students to teach preclinical theoretical and laboratory steps to construct complete and cast metal partial dentures.

**Removable Prosthodontics 2:** Clinical course for 4<sup>th</sup> year students to teach theoretical and clinical steps pertaining to the construction of complete dentures and cast metal partial dentures and all acrylic dentures.

**Removable Prosthodontics 3:** Clinical course for final year (5<sup>th</sup> year) students to teach theoretical and clinical steps pertaining to the construction of: over dentures, immediate dentures, copy dentures and single complete dentures. Theoretical aspects include: over dentures, immediate dentures, copy dentures, single complete dentures, precision attachments, management of gagging reflex, dental implantology, Maxillofacial prosthodontics, Temporomandibular disorders and splint therapy.

**And Senior Consultant in Prosthetic Dentistry:** (Fixed and Removable Prosthodontics and Implantology), Dental Department, Jordan University Hospital.

30<sup>th</sup> August 2012 – 1<sup>st</sup> January 2022

**Professor, acting vice dean for Postgraduate studies and Scientific Research (and founder of vicedeanship of Postgraduate studies and Scientific**

## **Research)**

4<sup>th</sup> November 2007 – 30<sup>th</sup> August 2012

**Professor**, Department of Conservative Dentistry and Prosthodontics, Faculty of Dentistry, University of Jordan.

**And Senior Consultant in Prosthetic Dentistry:** (Fixed and Removable Prosthodontics and Implantology), Dental Department, Jordan University Hospital.

August 2007 – 4<sup>th</sup> November 2007:

**Associate Professor (Grade A)**, Department of Conservative Dentistry and Prosthodontics, Faculty of Dentistry, University of Jordan.

1<sup>st</sup> July 2002 – August 2007:

**Associate Professor (Grade B)**, Department of Conservative Dentistry and Prosthodontics, Faculty of Dentistry, University of Jordan.

May. 2002 – 1<sup>st</sup> July 2002

**Assistant Professor (grade A)**, Department of Conservative Dentistry and Prosthodontics, Faculty of Dentistry, University of Jordan.

Jan. 1997 – 30<sup>th</sup> June 2002

**Assistant Professor (grade B)**, Department of Conservative Dentistry and Prosthodontics, Faculty of Dentistry, University of Jordan.

**And Consultant in Prosthetic Dentistry** (Removable and fixed prosthodontics and Implantology) at the University of Jordan Hospital.

Sept. 1996- January 1997

**Visiting Lecturer and Honorary Clinical Fellow**, Dept. of Oral and Dental Science (Prosthodontics), University of Bristol, England.

Oct 1992-Oct 1996

**Clinical attachment** in the Dept. Of Prosthetic Dentistry, University of Bristol.

Oct 1990-Aug 1991

**Teaching Assistant**, School of Dentistry, University of Jordan.

Nov 1989- Oct 1990

**Resident in the Department of Oral Surgery** University of Jordan Hospital.

## Publications and contributions in conferences:

### First: Publications in international, regional and local journals:

| No | Year | Article  | Impact factor (only for ISI journals) |
|----|------|--|---------------------------------------|
| 1. | 2023 | <b>The Emerging Monkeypox Outbreak: A Cause for Concern Among Craniofacial Surgeons.</b> Dar-Odeh N, Abu-Hammad S, Abu-Hammad O. J Craniofac Surg. Dar-Odeh N, Abu-Hammad S, Abu-Hammad O. The Emerging Monkeypox Outbreak: A Cause for Concern Among Craniofacial Surgeons. J Craniofac Surg. 2023 Jan-Feb 01;34(1):11. doi: 10.1097/SCS.00000000000008907. | Has IF                                |
| 2. | 2023 | <b>Factors associated with geographic variations in the 2022 Monkeypox outbreak; a systematic review.</b> Osama Abu-Hammad, Abdalla Abu-Hammad, Abdul-Raheem Jaber, Abdel Rahman Jaber, Najla Dar-Odeh. New Microbes New Infect. 2023 Jan;51:101078. doi: 10.1016/j.nmni.2022.101078.  | Scopus Q2                             |
| 3. |      | <a href="#">Imaging Techniques for Assessment of Cranio-maxillofacial Complications of Covid-19, A Systematic Review</a><br>O Abu-Hammad, E Zain-Alabedeen, N Althagafi, R Eshky, I Abdouh, ...<br>The Open Dentistry Journal 17 (1)   |                                       |
| 4. |      | <a href="#">Oral Healthcare Services Delivered During COVID-19 Lockdown: A Report from Eastern Mediterranean Region</a><br>O Abu-Hammad, S Abu-Hammad, S Elsayed, S Jambi, A Alhodhodi, ...<br>Pesquisa Brasileira em Odontopediatria e Clínica Integrada 23, e210219  |                                       |
| 5. | 2022 | <a href="#">Long-term adverse events of three COVID-19 vaccines as reported by vaccinated physicians and dentists, a study from Jordan and Saudi Arabia</a><br>N Dar-Odeh, O Abu-Hammad, F Qasem, S Jambi, A Alhodhodi, A Othman, ...<br>Human Vaccines & Immunotherapeutics, 2022 Mar 3:1-7. Doi: 10.1080/21645515.2022.2039017                             | Has IF                                |
| 6. | 2022 | <b>Perspectives on Dental Caries: A Cross-Sectional Study among Parents of Primary School Children in Saudi Arabia.</b> Danya Hashem, Osama Abu Hammad, Jana Farran, Anmar Faran, Najla Dar Odeh. Open Dentistry Journal. 2022,16: e187421062201060, DOI: 10.2174/18742106-v16-e2201060.   |                                       |

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|-----|------|---|-----------|
| 7.  | 2022 | <b>Radiographic and Clinical Analysis of Cranio-Maxillofacial Complications of Cavernous Sinus Thrombosis Among 256 COVID-19 Patients.</b> Shukhrat BA, Dar-Odeh N, Dilnoza BT, Dildora RA, Matluba KA, Yokub KK, Ravshan UZ, Gulbahor RE. J Craniofac Surg. 2022 Jun 27;33(5):1549–53.   | Has IF    |
| 8.  | 2022 | <b>Impact Of COVID-19 Pandemic On The Pattern Of Azithromycin Prescribing; A Review.</b> Najla Dar-Odeh; Osama Abu-Hammad; Nebras Althagafi; Shaden Abu-Hammad ; Rawah Eshky; Ismail Abdouh; Mona Aboelnagga; Abdalla Abu-Hammad. The international Arabic Journal of Antimicrobial Agents. 2022, 12 (2).   |           |
| 9.  | 2022 | <b>Ultrasonography Knowledge and Practices among Obstetrics/Gynecology Practitioners; A Nationwide Survey in Jordan.</b> Omayyah Dar-Odeh, Miriam Illa, Samih Abdeljawad, Osama Abu-Hammad, Raghad Abdeljawad, Ruaa Abdeljawad, Farhan Alkouz, Najla Dar-Odeh. Open Health 2022; 3: 34-43.  |           |
| 10. | 2022 | <b>Factors associated with vaccine acceptance and recommendation among dental students and faculty previously infected with covid-19; a study from saudi arabia. Accepted.</b> Osama Abu-Hammad, Shaden Abu-Hammad, Safa Jambi, Nebras Althagafi, Rawah Eshky, Rahaf Saeed Aljohani , Rahaf Ayeq, Layan Ghazi, Heba Al-subhi, Abdalla Abu-Hammad, Malak Abu-Hammad, Najla Dar Odeh. Malaysian Journal of Public Health Medicine. 2022                                       |           |
| 11. | 2022 | <b>Imaging Techniques for assessment of Cranio-Maxillofacial Complications of COVID-19, A Systematic Review. Submitted</b> Osama Abu-Hammad, Ebtihal Zain-Alabedeen, Shaden Abu-Hammad; Ismail Abdouh ,Yousra Ayed; Abdalla Abu-Hammad; Najla Dar-Odeh. Open Dentistry  |           |
| 12. | 2022 | <b>Career Satisfaction among Physicians, Dentists and Pharmacists.</b> Najla Dar-Odeh, Eman F Badran, Rula M Darwish, Osama Abu-Hammad. Asia Pacific Journal of Health Management, 2022; 17(3). <a href="https://doi.org/10.24083/apjhm.v17i3.1791">https://doi.org/10.24083/apjhm.v17i3.1791</a>   | Scopus Q3 |
| 13. | 2022 | <b>Factors Predicting Acceptance and Recommendation of Covid-19 Vaccines Among Previously Infected Dental Health Care Professionals; An Artificial Intelligence-Based Study.</b> Osama Abu-Hammad, Nebras althagafi, Shaden Abu-Hammad, Rawah Eshky, Abdalla Abu-Hamamd, Aishah alhodhodi, Malak Abu-Hammad, Najla Dar-Odeh. Open Health, vol. 3, no. 1, 2022, pp. 168-177. <a href="https://doi.org/10.1515/openhe-2022-0028">https://doi.org/10.1515/openhe-2022-0028</a> |           |

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|-----|------|---|-------------------|
| 14. | 2022 | <b>Healthcare Services delivered During COVID-19 Lockdown, A Report from Eastern Mediterranean Region.</b> Osama Abu-Hammad, Shaden Abu-Hammad, Shadia Elsayed, Safa Jambi, Aishah Alhodhodi, Ahmad Abdulfattah Othman, Abdel Aziz Baiomy Abdullah, Hisham Al-Shorman, Mostafa Fayyad, Duaa Taim, Basant Hamdy Abouzaid, Najla Dar-Odeh. Oral Accepted. Pesquisa Brasileira em Odontopediatria e Clinica Integrada. 2022. |                   |
| 15. | 2022 | <b>Prescribing Oral Amoxicillin for Oro-facial Infections; Pharmacokinetic Perspectives.</b> Najla Dar-Odeh, Osama Abu-Hammad, Ismail Abdouh, Rawah Eshky, Nebras althagafi, Safa Jambi, Shaden Abu-Hammad. The International Arabic Journal for Antimicrobial Agents. 2022, 12, 3:1,pp 1-7.  |                   |
| 16. | 2022 | <a href="#">Jaw-related complications in COVID-19 patients; a systematic review.</a><br>Dar-Odeh, Najla; <a href="#">Bobamuratova, Dilnoza Turdikulovna</a> ; <a href="#">Alnazzawi, Ahmad</a> ; <a href="#">Babkair, Hamzah</a> ; <a href="#">Jambi, Safa</a> ; <a href="#">Abu-Hammad, Abdalla</a> ; <a href="#">Abu-Hammad, Osama</a> .<br><i>Cranio: 1-8, 2022 Jan 27.</i>  | Has IF            |
| 17. | 2021 | <a href="#">Oral health practice of primary school children in the region of Madinah, Saudi Arabia: A cross-sectional study</a><br>Danya Hashem, Osama Abdalla Abu Hammad, Jana Farran, Anmar Faran and Najla Dar-Odeh<br><i>Journal of International Oral Health 13 (5), 449-455</i>   |                   |
| 18. | 2021 | <a href="#">Tobacco Smoking, Secondhand Smoke Exposure and Cessation Perceptions by Dental Students in Al Madinah, a Conservative Saudi Society</a><br>Y Ayed, SA Elsayed, O Abu-Hammad, A Turki, M Saleh, M Karbouji, ...<br><i>Pesquisa Brasileira em Odontopediatria e Clínica Integrada 21, e210202-e210202</i>   |                   |
| 19. | 2021 | <a href="#">What the dental practitioner needs to know about pharmaco-therapeutic modalities of COVID-19 treatment: A review</a><br>N Dar-Odeh, S Elsayed, H Babkair, S Abu-Hammad, N Althagafi, ...<br><i>Journal of Dental Sciences 16 (3), 806-816</i>   |                   |
| 20. | 2021 | Long term Complications of COVID-19; What the Maxillofacial Surgeon Needs To Know.<br><i>The Journal of Craniofacial Surgery 32 (7), e652-e655</i>  | Has IF            |
| 21. | 2021 | <b>Dar-Odeh N., Abu-Hammad O. (2021)</b> Herbal Remedies Use in Arab Societies. In: Laher I. (eds) Handbook of Healthcare in the Arab World. Springer, Nature Cham. <a href="https://doi.org/10.1007/978-3-319-74365-3_197-1">https://doi.org/10.1007/978-3-319-74365-3_197-1</a>   | Chapter in a book |
| 22. | 2021 | <b>Abu-Hammad, Osama; Dar-Odeh, Najla; Abu-Hammad, Abdalla MD; Althagafi, Nebras; Eshky, Rawah; Abu-Hammad, Shaden.</b> Long-Term Complications of Coronavirus Disease 2019; What the Oral Surgeon Needs To Know, <i>Journal of Craniofacial Surgery: April 09, 2021 - Volume Publish Ahead of Print - Issue - doi:</i>   | Has IF            |



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|-----|------|---|--------------|
|     |      | 10.1097/SCS.0000000000007665  |              |
| 23. | 2021 | <b>Sharaf F, El-Samongy M, Bouqellah N, Al-Madani A, Abu-Alruhaylah M, Ashour Y, Dar-Odeh N, Abu Hammad O.</b> Ethnicity is a major determinant of the pattern of dermatological diseases among pilgrims during the Hajj in 2019. <i>Dermatol Reports</i> . 2021 Mar 17;13(1):8934. doi: 10.4081/dr.2021.8934. PMID: 33824707; PMCID: PMC8018253.   |              |
| 24. | 2021 | <b>Osama Abu-Hammad, Hamza Aldreidi, Ahmad Alnazzawi, Shaden Abu-Hammad, Hamzah Babkair, Abdalla Abu-Hammad, Farha Qasim, Najla Dar-Odeh.</b> Side Effects Reported by Jordanian Healthcare Workers Who Received COVID-19 Vaccines, 2021 9(6):577   | Has IF       |
| 25. | 2020 | <b>Abu-Hammad S, Elsayed SA, Nourwali I, Abu-Hammad O, Sghaireen M, Abouzaid BH, Dar-Odeh N.</b> Influence of gender on career expectations of oral and maxillofacial surgeons. <i>J Craniomaxillofac Surg</i> . 2020 Apr;48(4):458-462   | Has IF       |
| 26. | 2020 | Selma A Saadaldine, Elzahraa Eldwakhly, Ahmad A Alnazzawi, Rayan A Alharbi, Bushra K Alghamdi, Osama Abu Hammad and Mai Soliman. Awareness and Practice of Oral Health Measures in Medina, Saudi Arabia: An Observational Study. <i>Int. J. Environ. Res. Public Health</i> 2020, 17(23), 9112; <a href="https://doi.org/10.3390/ijerph17239112">https://doi.org/10.3390/ijerph17239112</a> | 2.849 (2019) |
| 27. | 2020 | <b>Dar-Odeh N, Babkair H, Abu-Hammad S, Borzangy S, Abu-Hammad A, Abu-Hammad O.</b> COVID-19: Present and Future Challenges for Dental Practice. <i>Int J Environ Res Public Health</i> . 2020 Apr 30;17(9). pii: E3151.  |              |
| 28. | 2020 | <b>Elsayed SA, Abu-Hammad O, Alolayan AB, Eldeen YS, Dar-Odeh N.</b> Fallacies and Facts Around COVID-19: The Multifaceted Infection [published online ahead of print, 2020 Jul 3]. <i>J Craniofac Surg</i> . 2020. <a href="http://doi:10.1097/SCS.0000000000006752">http://doi:10.1097/SCS.0000000000006752</a>   | Has IF       |
| 29. | 2020 | <b>Abu-Hammad S, Dar-Odeh N, Abu-Hammad O.</b> SARS-CoV-2 and Oral Ulcers; a Causative Agent or a Predisposing Factor? [published online ahead of print, 2020 Jun 21]. <i>Oral Dis</i> . 2020;10.1111/odi.13498. doi:10.1111/odi.13498  | Has IF       |
| 30. | 2020 | <b>Shadia Abdelhameed Elsayed, Osama Abu-Hammad, Albraa B. Alolayan, Nebras Althagafi, Yosra Ayed, Yasmin Salah Eldeen, Najla Dar-</b>  |              |

|     |      |   |                   |
|-----|------|---|-------------------|
|     |      | <b>Odeh. Getting to Know SARS-CoV-2: Towards a Better Understanding of the Factors Influencing Transmission. Pesquisa Brasileira em Odontopediatria e Clínica Integrada 2020; 20(supp1):e0122</b><br><a href="https://doi.org/10.1590/pboci.2020.123">https://doi.org/10.1590/pboci.2020.123</a>  |                   |
| 31. | 2020 | <b>Abu Hammad, O., Alnazzawi, A., Borzangy, S. S., Abu-Hammad, A., Fayad, M., Saadaledin, S., Abu-Hammad, S., &amp; Dar Odeh, N. (2020). Factors Influencing Global Variations in COVID-19 Cases and Fatalities; A Review. Healthcare (Basel, Switzerland), 8(3), 216.</b><br><a href="https://doi.org/10.3390/healthcare8030216">https://doi.org/10.3390/healthcare8030216</a> | Has IF            |
| 32. | 2020 | <b>Al Ryalat N, Ryalat S, Al-Abdalla M, Al-Shayyab MH, Samara O, Taimeh D, Khreesha L, Abu-Hammad OA, Malkawi Z, Dar-Odeh NS. Women in Maxillofacial Surgery and Otolaryngology; Career Obstacles and Success Factors. J Craniofac Surg. 2020 Oct 8. doi: 10.1097/SCS.00000000000007132. Epub ahead of print. PMID: 33038181.</b>   | Has IF            |
| 33. | 2020 | <b>Dar-Odeh N, Babkair H, Alnazzawi A, Abu-Hammad S, Abu-Hammad A, Abu-Hammad O. Utilization of Teledentistry in Antimicrobial Prescribing and Diagnosis of Infectious Diseases during COVID-19 Lockdown. Eur J Dent. 2020 Oct 8. doi: 10.1055/s-0040-1717159. Epub ahead of print. PMID: 33032333.</b>   | Has IF            |
| 34. | 2020 | <b>Fadel HT, Abu-Hammad O, Ghulam OA, et al. Are Artificial Neural Networks Useful for Predicting Overhanging Dental Restorations? A Cross-sectional Study. World J Dent 2020;11(2):99–104.</b>   |                   |
| 35. | 2020 | <b>Dar-Odeh N, Abu-Hammad O, Tobacco Use by Arab Women chapter. Handbook of Healthcare in the Arab World. Springer Nature. In press</b>   | Chapter in a book |
| 36. | 2020 | <b>Najla Dar Odeh, Hamzah Babkair, Shaden Abu-Hammad, Sary Borzangy, Abdalla Abu-Hammad, and Osama Abu-Hammad. COVID-19 Pandemic: Implications for Dental Practitioners. Current Issues in Medicine: Fundamentals and Basic Medical Sciences. Jenny Stanford Publishing Pte. Ltd. In press</b>  |                   |
| 37. | 2020 | <b>Long term Complications of COVID-19; What the Maxillofacial Surgeon Needs To Know. Accepted in</b>   |                   |

|     |      |  |                  |
|-----|------|--|------------------|
|     |      | The Journal of Craniofacial Surgery  |                  |
| 38. | 2020 | <b>Ethnicity is a Major Determinant of the Pattern of Dermatological Diseases among Pilgrims during Hajj (2019).</b> Accepted in Dermatology Reports   |                  |
| 39. | 2020 | <b>Suggested model for the 7 earths and 7 heavens mentioned in Quran.</b> Abu Hammad O, Abu Hammad M, Abu Hammad A, Abu Hammad S and Dar Odeh N.<br>مجلة دراسات في العلوم الإنسانية والاجتماعية مجلد 3، عدد 5 (28) تاريخ 15 سبتمبر 2020  |                  |
| 40. | 2019 | <b>Association of Dental Caries, Retained Roots, and Missing Teeth with Physical Status, Diabetes Mellitus and Hypertension in Women of the Reproductive Age.</b><br>Dar-Odeh N, Borzangy S, Babkair H, Farghal L, Shahin G, Fadhlalmawla S, Alhazmi W, Taher S, Abu-Hammad O.<br>Int J Environ Res Public Health. 2019 Jul 18;16(14). pii: E2565.<br>doi: 10.3390/ijerph16142565. | 2.1              |
| 41. | 2019 | <b>Ferritin level may be a major factor in young females with recurrent aphthous stomatitis.</b><br>Dar-Odeh N and Abu-Hammad O.<br>J Contemp Med Sci.. 5(5)   | Emerging sources |
| 42. | 2019 | <b>Biomechanical effect of an exposed dental implant's first thread: A three-dimensional finite element analysis study.</b><br>Hudieb MI, Wakabayashi N, Abu-Hammad OA.<br>Med Sci Monit.  | 1.98             |
| 43. | 2019 | <b>Knowledge and attitudes towards antibiotic prescribing among dentists in Sudan.</b><br>ARM Ramadan, OAK Al Rikaby, OA Abu-Hammad, NS Dar-Odeh<br>Pesquisa Brasileira em Odontopediatria e Clinica Integrada. 19 (1) 4430.   | Emerging sources |
| 44. | 2019 | <b>Social factors as career obstacles for female oral and maxillofacial surgeons in three Middle Eastern countries.</b><br>Dar-Odeh N, Elsayed SA, Nourwali I, Ryalat S, Al-Shayyab MH, Abu-Hammad O.<br>Int J Oral Maxillofac Surg. 2019 Mar 22. pii:S0901-5027(19)30106-7. doi: 10.1016/j.ijom.2019.03.001.  | 1.7              |
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## **Second: Books:**

1. The Proceedings of the First European Conference of Nisa Users.  
Wilde and Partners Ltd, Brindley Lodge, Adcroft Street, Stockport, SK1 3HS.

The chapter: A FINITE ELEMENT STUDY OF THE EFFECT OF ALVEOLAR BONE DIMENSIONS ON COMPRESSIVE STRESSES RECORDED AT THE NECK REGION OF A DENTAL IMPLANT USING SIMPLIFIED AND MANDIBULAR MODELS.

O A Abu-Hammad, A Harrison and D R Williams (1996)

2. "Computer Methods in Biomechanics and Biomedical Engineering" By: Middleton, Jones and Pande. Gordon and Breach Publishers, Amsterdam, The Netherlands (1996).

The chapter:

A 3D FINITE ELEMENT METHOD STUDY OF STRESS DISTRIBUTION AROUND DENTAL IMPLANTS SUPPORTING COMPLETE OVERDENTURES

Abu-Hammad OA, Watkinson AC and Harrison A.

3. English Language (basic).
4. English Language and medical Terminology.
5. English Language and report writing.
6. English Language and Presentation skills.

1. Dar-Odeh N, Abu-Hammad O, Tobacco Use by Arab Women chapter. Handbook of Healthcare in the Arab World. Springer Nature. In press
2. Najla Dar Odeh, Hamzah Babkair, Shaden Abu-Hammad, Sary Borzangy, Abdalla Abu-Hammad, and Osama Abu-Hammad. COVID-19 Pandemic: Implications for Dental Practitioners. *Current Issues in Medicine: Fundamentals and Basic Medical Sciences*. Jenny Stanford Publishing Pte. Ltd. In press
3. Dar-Odeh N, Abu-Hammad O. Herbal remedies use in Arab Societies chapter. Handbook of Healthcare in the Arab World. Springer Nature. In press

### **Third: Contributions in conferences:**

1. The Second International Symposium on Computer Methods in Biomechanics and Biomedical Engineering. Swansea, Wales, U.K. between 21<sup>st</sup> and 24<sup>th</sup> September 1994. The title of the presented article was:

**"A 3D FINITE ELEMENT METHOD STUDY OF STRESS DISTRIBUTION AROUND DENTAL IMPLANTS SUPPORTING COMPLETE OVERDENTURES"**

2. The Forty-Third Annual General Meeting of the British Society for Dental Research. Manchester, U.K. 11 April 1995. The title of the presented article was:

**"A THREE DIMENSIONAL FINITE ELEMENT STUDY OF COMPRESSIVE STRESSES AROUND CYLINDRICAL AND VENT CYLINDRICAL IMPLANTS"**.

3. The scientific day of the Dept. of Oral and Dental Science (1995) Presentation entitled:

**A 3D FINITE ELEMENT METHOD STUDY OF STRESS DISTRIBUTION AROUND DENTAL IMPLANTS SUPPORTING COMPLETE OVERDENTURES**

4. The Forty-Forth Annual General Meeting of the British Society for Dental Research. Bristol, U.K. 1<sup>st</sup> –4<sup>th</sup> April 1996:

**A 3-D FINITE ELEMENT STUDY OF EFFECT OF CORTICAL BONE THICKNESS ON COMPRESSIVE STRESS LEVELS AT THE NECK REGION OF DENTAL IMPALNTS.**

5. The Forty-Forth Annual General Meeting of the British Society for Dental Research. Bristol, U.K. 1<sup>st</sup> –4<sup>th</sup> April 1996:

**A 3-D FINITE ELEMENT STUDY OF EFFECT OF ALVEOLAR BONE RESORPTION ON COMPRESSIVE STRESS LEVELS AT THE NECK OF DENTAL IMPLANTS.**

6. The Forty-Forth Annual General Meeting of the British Society for Dental Research. Bristol, U.K. 1<sup>st</sup> –4<sup>th</sup> April 1996:

**THE EFFECT OF PROPERTIES OF BONE ON THE STRESS LEVELS AROUND A DENTAL IMPLANT. AN FEA STDUY.**

7. The First European Conference of Nisa Users. Manchester, U.K. 14<sup>th</sup> -15<sup>th</sup> May 1996. The title of the presentation was:

**A FINITE ELEMENT STUDY OF THE EFFECT OF ALVEOLAR BONE DIMENSIONS ON COMPRESSIVE STRESSES RECORDED AT THE NECK REGION OF A DENTAL IMPLANT USING SIMPLIFIED AND MANDIBULAR MODELS.**

8. The 15<sup>th</sup> Jordanian and the 20<sup>th</sup> Arab Dental Union Congress, Amman, Jordan. 1-4/4/1997. A poster presentation with the title:

**A 3-D finite element study of effect of cortical bone thickness on compressive stress levels at the neck of a dental implant.**

9. The 5th Sudanese Dental Union Congress, Khartoum, Sudan. 13-16/1/2003:

**Factors affecting the stress picture in a molar tooth restored with an endodontic post- retained filling.**

Also a lecturer at the Dental Implantation Course Held at the University of Khartoum.

10. The Eleventh International Dental Congress, Arranged by the Egyptian Dental Society. 16-19\12\2003.

**Finite element study of bone stresses under bridge work: The effect of varying the numbers of retainers in a bridge restoring “ a-one-tooth’ saddle area.**

**11. Lecturer in The Dental Implantation Course held by the Jordanian Group for Oral Implantology / Jordan Dental Association. Aqaba 22/4/2004.**

**12. Attended the EAO conference by the European academy of Osseointegration held in Paris September 2004.**

13. Presented a paper in the Syrian Dental Association Conference September 2004 entitled: **Treatment planning of dental implantation based on thier biomechanics.**

14. The Thirty Fifth Conference of the Arab Dental Federation. Khartoum, Sudan, 22<sup>nd</sup>-24<sup>th</sup> February 2005: **“Design of stress redistributing elements and value in reducing the peri-implant bone stresses”.**

15. The 5<sup>th</sup> international Implantology Congress, Alexandria Oral Implantology Association, Alexandria, Egypt, 9<sup>th</sup>- 11<sup>th</sup> March 2005: **The out of alignment installation of implants. The behaviour of the system.**

16. The annual conference of the Jordanian Dental Association. LeRoyal, Amman Wednesday 19<sup>th</sup> March 2008. **Practical Means to Prevent Infections in the Dental Clinic and Laboratory.**

17. 5<sup>th</sup> Arabian Conference for the Prudent Use of Antimicrobial. **The Arab Society for the prudent use of anti-biotics.** Amman-Jordan 2007.

18. 6<sup>th</sup> Arabian Conference for the Prudent Use of Antimicrobial. Rabat, Morocco. 18. 10, 2008. Presentation: Dentistry's Contribution to the Problem of Antibiotic Resistance and Methods to Minimise this problem

19. 7<sup>th</sup> Arabian Conference for the Prudent Use of Antimicrobials. Beirut, Lebanon. 6-8 November 2009.

20. 8<sup>th</sup> Arabian Conference for the Prudent Use of Antimicrobials **The Arab Society for the prudent use of anti-biotics.** Latakaya, Syria 2010.

21. The 6<sup>th</sup> Palestinian Dental Conference. Jericho / Palestine, Tuesday 7<sup>th</sup> April – Saturday 11<sup>th</sup> April 2009. **Infection Prevention in Dental Health Care Settings.**

22. The 6<sup>th</sup> Palestinian Dental Conference. Jericho / Palestine, Tuesday 7<sup>th</sup> April – Saturday 11<sup>th</sup> April 2009. **Finite Element Analysis in Relation to Dental Implants: What Have We Learned.**

23. Al-Baath Univeristy Dental Conference. Hamaa / Syria, Sunday 3<sup>rd</sup> May 2009. **Bone response to the implant retained and supported restorations.**

24. The Ninth Makkah International Conference 30<sup>th</sup> May-1<sup>st</sup> June 2011.

Two presentations:

**The Value of Using Artificial Intelligence in the Prediction of Occurrence of Aphthous Ulcerations**

**and:**

**The Loading Characteristics of Dental Implants**

25. **The 11<sup>th</sup> Makkah International Dental Conference**

Makkah, KSA, 1-3 April 2014.

Poster presentation: Use of Artificial Intelligence Tools for the prediction of health events. Osama Abu-Hammad and Ali Al-Haidan.



**26. The First International Conference on Waterpipe Tobacco Smoking**

Abu Dhabi, United Arab Emirates, October 21-23, 2013. Invited attendance. Aim of the conference is to define goals, targets and policies regarding efforts anti-narghile smoking.

**27. Dental Innovation Forum.**

Organized by Umm Alqura University. Jeddah 16-17 March 2014.

28. The Second International Conference on Waterpipe Smoking Research: A collision of two epidemics of waterpipe and cigarettes. Invited attendance and presentation of a poster titled: Herpes simplex virus-1 infections and waterpipe smoking: is there an association?. Osama Abu-Hammad, Najla Dar-Odeh, Salwa Albdoor and Fatemah Enayah.

April 2015

The 1<sup>st</sup> international Conference on Preventive Dentistry, Al-Jowf University, College of Dentistry, KSA. (Attendance).

Oct 2014

The second world conference on waterpipe research, Doha, Qatar, Poster presentaion

## Courses and continuing education

October 2014

Flipped classroom, Taibah University organized by Dr. Ayman Khaleefah and Dr. Hani Fadel.

Academic year 2014-2015

Workshop on Anthogyr Dental Implant, Jeddah, KSA. (Attendance).

25<sup>th</sup> May 2015

Workshop on Astra Dental Implants, Madinah, KSA. (Attendance).

August 2012-Date

Attended various courses on:

Jusur, distance learning and interaction program

Writing Course Specifications according to NCAAA guidelines.

Workshop on R4 Dental Clinic Management System.

Dental Implantation, a course organized by the Saudi Dental Society

Administered for staff at College of Dentistry, Taibah University:

Infection Control workshop

Portfolio for Biomedical Specialties

January 2012

Statistical analysis using SPSS Workshop, University of Jordan.

August 2011

Non-Linear, Dynamic, Heat transfer and Structural Optimization using the Finite Element Analysis software NISA.

(Private course, on one to one basis. Sponsored by University of Jordan) Cranes Software Inc., Troy, Michigan, USA.

June 2011

Dental Implantation using the BOI dental implant system  
Lindenstrasse, Uetliburg, SG, Switzerland

August 2009

PCR: Polymerase chain reaction. Technique and applications.  
University of Jordan.

20-23<sup>rd</sup> June 2005

Blackboard Learning System Essentials. A course organized by King Abdallah II's Faculty of Information Technology, University of Jordan. The Blackboard software is dedicated for managing and sharing educational content.

11<sup>th</sup>-12<sup>th</sup> March 2005

Administered a dental implantology course with Dr. Magdi Saadeh with the title of: Dental Implants at different bone situations: a two-day course. The course was held as post congressional course following the 5<sup>th</sup> International Implantology Congress: 9<sup>th</sup>-11<sup>th</sup> March 2005. Alexandria, Egypt.

June 2004

CAD-CAM in Dentistry: The CEREC System  
Cerec is a Cad-Cam system for the construction of inlays, onlays, crowns and ridges from ceramic materials.

13<sup>th</sup> & 14<sup>th</sup> June 2004

A course on the DYNA dental implant system.  
Faculty of Dentistry, University of Jordan.

- 12<sup>th</sup> February 2004  
Extraoral Maxillofacial Implants. A course on the Ankylos Dental Implant System. Islamic Hospital, Amman, Jordan.
- 13\11\2003-15\11\2003  
A course on the Dyna dental implant system.  
Bergen Up Zoom, The Netherlands.
- 11<sup>th</sup> & 12<sup>th</sup> July 2002  
A two day course with hands on training on the Frialet-2 dental implant system and the Frialoc immediate loading implants. Islamic Hospital, Amman, Jordan.
- 23<sup>rd</sup> June 1999  
Advanced Inernet Course Including The Publishing of Information Over the Net. University of Jordan, Amman, Jordan.
- 15 & 16<sup>th</sup> July 1998  
A two day course on the Bicon dental implant system. Basic and adjunct procedures.
- 8-9<sup>th</sup> May 1997  
A two day course on the Pitt-Easy Bio-Oss System (Oraltronics) dental implant system.
- January – October 1996  
Dental Education Course and Teacher Education Seminars. University of Bristol, Bristol, U.K.
- 1996  
One day course on the Resin Retained Bridges, Bristol Dental Hospital, U.K.
- 29<sup>th</sup> November 1995  
A one day course on the Finite Element Analysis Program “ANSYS”. Organized by Strucom for Structures and Computers LTD, Bristol, U.K.
- 1995  
Course on using the UNIX Operating System. University of Bristol. U.K.
- 8 March 1995  
Course on Presentation Skills, University of Bristol. U.K.
- Sept.1993  
A three day course on the Finite Element Analysis Program “NISA II”. Arranged by Wilde and Partners, Stockport, Cheshire, England.
- 29<sup>th</sup> January 1993  
A Bonelit Basic course on the ITI dental implant system. Bristol, U.K.
- 21-22<sup>nd</sup> August 1992  
A tow day course on the Branemark (Nobelpharma) dental implantation system. Cardiff Dental Hospital, Cardiff, U.K.
- March-May 1991  
Course in Education and Psychology for the Teaching Assistants at the University of Jordan.

## **Membership of dental societies and committees:**

1. **Member** of the Jordan Dental Association, since July 1989.
2. **Member** of the Jordanian Prosthodontic Society since 2001.
3. **Member** of the Jordan Dental Journal Committee, 1997 – May 2004.
4. **Editorial Secretary** of the Jordan Dental Journal May 2001-October 2003.
5. **Vice president** of the Speciality Recognition Committee (The committee decides the scope of speciality of the dental specialist after reviewing his certificates and proofs of experience), May 2001 – July 2002. (The committee has been dissolved, all its authorities were transferred to the Jordanian Medical Council after the creation of the appropriate dental division late 2002). The committee was asked to continue its responsibilities towards dentists who obtained their specialty degrees prior 17\6\2003.
6. **Past examiner** - licencure examination carried out by the Jordanian Ministry of Health for many years since 1997.
7. **Treasurer** of the Jordanian dental implantation group 12\4\2004 till 21\5\2006.
8. **Secretary to the Jordanian Prosthodontic Society**, 31\12\2003 till 31\12\2005.
9. **Member of the editorial board** of Dirasat Journal, published by the Deanship of Academic Research at the University of Jordan .
10. **Member of the editorial board of** Journal of Advanced Dental and Medical Sciences, Al-Jawf University College of Dentistry. April 2015.
11. **Head of the Scientific Committee** at the Facutly of Dentistry, Universtiy of Jordan during academic years 2003-2004 and 2004-2005.
12. **Head of the Infection Prevention Committee** at the Faculty of Dentistry, University of Jordan for many years, from 1999 till December 2010 except for the academic years 2005-2007.

13. **Quality Control Officer**, Dental Department, University of Jordan Hospital, from July 2009 until October 2010.
14. **Recruitment Committee**, College of Dentistry, Taibah University, Academic year 2013-2014 till date.
15. **Member of the Infection Control Committee**, College of Dentistry, Taibah University, Academic year 2012-2013 and Academic year 2014-2015.
16. **Founder and Supervisor** of the following committees in Deanship of Higher Studies and Academic Research at College of Dentistry, Taibah University Academic year 2013-2014 and Academic year 2014-2015:
  - Higher Studies.
  - Scientific Research.
  - Support of Demonstrators inland and abroad.
  - Saudi fellowships.
  - College of Dentistry Research Laboratory.
  - Research Ethics Committee (Was founded before that date and independently by other members of Staff).
17. **Member of the Curriculum Committee** College of Dentistry, Taibah University, Academic year 2012-2013. **Then Head of the Curriculum Committee** Academic year 2014-2015.
18. Member of Research Ethics Committee, College of Dentistry, Taibah University, Academic year 2012-2013 and Academic year 2014-2015. **Head of the Research Ethics Committee** Academic year 2013-2014.

## **Membership of Scientific Journals' Editorial Boards**

1. Editor in Charge for the Jordan Dental Journal, the scientific publication for the Jordan Dental Association 24<sup>th</sup> May 2010 until July 2010.
2. Editorial Secretary for the Jordan Dental Journal, the scientific publication for the Jordan Dental Association 2000-2002.
3. Editor in the Jordan Dental Journal for many years since 1997-2002 and since February 2007 till July 2010.
4. Editor in Dirasat, published by the Faculty of Academic Research at the Univeristy of Jordan for a number of years.
5. Guest editor for: International Journal of Dentistry
6. Member of the Editorial Board of the for International Journal of Advanced Dental and Medical Sciences, Aljowf University, KSA.

## **Reviewer for the following Journals:**

1. Acta Odontologica Scandinavica (one of the ISI Journal Citation Reports Journals).
2. African Journal of Microbiology Research (one of the ISI Journal Citation Reports Journals).
3. The Journal of the Royal Medical Services, Jordan.
4. Journal of Medicianl Plant Research.
5. International Journal of Biomedical Science
6. Journal of Dentistry and Oral Hygiene

## Patents:

1. A dental implant capable of producing significantly lower bone stresses.

Under research by the British Patents Office. Filed under the number:

**GB05073554.9 then under the number GB2425727**

To read original papers of this patent: here or enter the following web address:

<https://patents.google.com/patent/GB2425727A/en>

Has recently transferred the ownership of the following patents to the University of Jordan (all cannot be disclosed at the mean time):

2. An instrument for crown preparation.
3. A space maintainer.
4. Endodontic post producing less stress levels.
5. An endodontic post producing less bone stresses.
6. Digital shade matching system
7. A one step formation of nano composite filler. (in preparation)
8. Formation of nano composite filler with a colloidal technique. (in preparation)
9. Dental surveyor and wax trimmer for the production of rotational path of insertion removable partial dentures. (in preparation)
10. Tooth recontouring adhesive system. (in preparation)

### **Internal and External Grants:**

1. Many grants (around 10000 Jordanian Dinars) from the Deanship of Scientific Research between years: 1997 and 2003 to conduct finite element analysis studies pertaining to design optimization of dental implants and endodontic posts (all studies are displayed in the: journals publications' section)
2. Grant from the Deanship of Scientific Research 2007 to study on: Value of artificial neural networks in predicting color changes in teeth after Laser bleaching 17000 Jordainian Dinars.
3. Grant from Um-Alquaa University to study value of certain materials in preventing microbial colonization on denture surfaces 100000 Saudi Rials.



Worked as a REFEREE for promotion for many colleagues inside and outside Jordan.

For Al-Quds University (May 2015). Many Iraqi Universities and Saudi Universities.

## **Supervision of Masters Theses**

### **As a Supervisor:**

1. Accuracy of different digital shade matching systems in colour optimization for dental porcelain. Raed Abu-Alhasan, University of Jordan, graduated 2011.
2. A method for
2. Determining levels of Volatile Sulfer compounds in different fixed prosthodontics patients. Asma Abdelhameed, University of Jordan. to graduate in 2012.
3. Factors affecting bone stress levels around dental implants. Areej Nizam Abu-Hijleh. university of Jordan. to graduate in 2012.

### **As an advisor (informal):**

4. Variables determining stress levels in endodontically treated teeth restored with endodontic implants. Mohammad Al-Rayyan, Jordan University of Science and Technology (JUST). Graduated in 200