

Curriculum Vitae

DR AHMAD MADARATI

BDS, PG Dip, MSc, PhD

Associate Professor & Consultant in Micro-endodontics



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Personal Profile

Professional, Qualified, Anglo – Syrian Dental Surgeon specializing in Restorative Dentistry as an Endodontic Specialist recognized by the Royal College of Edinburgh, United Kingdom. With a strong record of personal clinical and academic achievements, teaching of undergraduates and postgraduates combined with specialist research and investigation into endodontic retreatment. I was ranked as one of the top five Young Researchers in Health and Medical Sciences and nominated for the 2011 Scopus Young Researcher Award (runner-up) developed by Elsevier in association with the US/UK Fulbright Commission. My academic and research achievements are combined with over 20 years clinical experience, incorporating the state-of-art dental technologies, as a general practitioner as well as a specialist, particularly in micro-endodontics (including Surgical Endodontics) in both private practices and academic clinics in Syria, Europe and Saudi Arabia. I always seek positions that enable me to build upon these achievements and to successfully progress my career.

I. Personal Information

Name	: Ahmad Madarati	Date of Birth	:
Age	:	Gender	: Male
Marital Status	: Married with three children	Nationality	: British
Email	:	Tel	:

ahmad.madarati@hotmail.co.uk

Address:

Home:

21 Edith Avenue, Moss Side
Manchester
M14 7HU
United Kingdom

Work:

College of Dentistry,
Al-Madinah AlMunawarah
P.O Box 30034
Post code: 41477
Saudi Arabia

II. Education & Qualifications

PhD **The University of Manchester, United Kingdom** **2005 - 2010**

Four years full-time PhD programme in Endodontics.

PhD thesis: *Analysis and Management of Intra-canal fracture of Endodontic Instruments*

Supervisors:

Dr Alison JE Qualtrough; Senior Lecturer/Honorary Endodontic Consultant, School of Dentistry, The University of Manchester, United Kingdom

Prof David C Watts; Editor of *Dental Materials* & Professor of Biomaterials Science, Head of Research Group, School of Dentistry, The University of Manchester, UK

Examiners:

Prof PM Dummer; Editor of *International Endodontic Journal* & Vice-Dean, Cardiff University School of Dentistry,

Dr Samira Al-Salehi; Senior Lecturer, The University of Manchester, United Kingdom

Prof Keith Horner; Professor, The University of Manchester, United Kingdom

MSc (endodontics) **Damascus University, Syria** **2001 - 2003**

Two years, full time, course in endodontics.

MSc thesis: *Coronal Seal Ability of Restorative Dental Materials Used in Endodontics*

Supervisor:

Prof Muhammad Salem Rekab, Vice-president, Damascus University, Syria & Chairman of the Syrian Endodontists Society.

Postgraduate Diploma (PG Dip) **Damascus University, Syria** **1999 - 2001**
(Endodontics & Operative Dentistry)

Two years full-time postgraduate taught course in Endodontics & Operative Dentistry with rotation in Prosthodontics, Periodontics and Oral Surgery Departments.

BDS **Aleppo University, Syria** **1991 - 1996**

Five years' full-time course led to bachelor's degree in dental surgery

III. Clinical Experience

1. Endodontics (2001 - Ongoing)

I am a consultant in micro-endodontics. I was a clinical supervisor for the Saudi Board Residency Programme in Endodontics and the Director of the Internship Programme (College of Dentistry, Taibah University). Currently I am the coordinator of the Clinical endodontics course through which I reflect my clinical experience on teaching. I am using state-of-art equipment including Dental Operating Microscope to provide specialized treatments for my patients. I have been involved in the Comprehensive Clinical Dentistry course for over six years, through which students develop and improve clinical skills and comprehensive judgment in dentistry. My experience in Endodontics was recognized by the **Royal College of Edinburg (United Kingdom)** for the Membership of Restorative Dentistry (MRD), Endodontics monospeciality.

2. General Dentistry (1996-2005)

General Dental Practitioner, Syria

Sep 1999 - Sep 2005

This period was spent in different private practices where I provided all aspects of dentistry including restorative and pediatric dentistry, periodontics and extractions of impacted teeth.

Hospitals experience, Oral Surgery and Periodontology

Sep 1999 - Oct 2001

Postgraduate visitor at the Oral Surgery and Periodontology Departments, Damascus University Dental School (1999- 2003). The clinical skills I obtained during this period were refined while working in the Syrian Army Force. I attended major oral and maxillofacial surgeries at King Fahed's Teaching Hospital, Al-Khobar (KSA) where I adopted myself with major surgery procedures.

General Dental Practitioner, Military Forces, Syrian

Sep1997- Jun1999

This full-time period was spent in a multi-districts military dental practice. I performed a full range of restorative dentistry procedures, surgical periodontics and minor oral surgeries.

Training

Sep 1996 - May 1997

I practiced aspects of restorative and pediatric dentistry and assisted in surgical periodontics and minor oral surgeries in two private practices. Colleagues and patients were impressed by my professionalism.

3. Appointments & Responsibilities

Director of Clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2019 - Jun 20120**

I am working with other academic staff members to deliver and supervise clinical and theoretical aspects in endodontics to Year-Five dental students

Director of Pre-clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2018 - May 2019**

I worked with other academic staff members to deliver and supervise the pre-clinical and theoretical aspects in endodontics to year-three dental students and to make sure they are competent enough to perform endodontic treatment in laboratory environment

Director of Clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2017-Jan 2018**

Director of Pre-clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2016-May 2017**

Director of Clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2015- Feb 2016**

Director of Internship Programme **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **July 2014 – July 2017**

I worked with members of the Internship Programme Committee to improve the clinical and patients management skills of the interns as a transitional phase before they become independent practitioners

Clinical Supervisor Specialty Programme in Endodontics **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Dec 2012- 2017**

Working with other staff to supervise residents in the Saudi Board Programme in Endodontics on advanced clinical using state-of-art equipment and technologies and theoretical aspects of endodontics.

Consultant in Micro-Endodontics **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2012- Ongoing**

Providing endodontic specialized treatment to patients attending specialty clinic at TUCDH.

Director of Clinical Endodontic Course **College of Dentistry, University of Dammam, Kingdom of Saudi Arabia** **Sep 2011- Jul 2012**

Consultant in Micro-endodontics **College of Dentistry, University of Dammam, Kingdom of Saudi Arabia** **Apr 2011- Sep 2012**

I performed specialized endodontic treatment as well as some restorative treatments on university eligible patients.

Visitor Doctor **The Ludwig-Maximilians University,** **Aug 2010- Dec 2010**
Germany

I contributed in treating patients and supervising of clinical aspects in Endodontics and Restorative Dentistry.

Post-doctorate Fellow **The University of Manchester, United** **Feb 2010 – Mar 2011**
Kingdom

I contributed to provide endodontic specialized treatment for patients attending the dental school and performed wide range of complex cases.

4. Workshops & Courses Attended

- Innovative Procedures and Techniques in Implantology Bakkari Health Academy in collaboration with Saudi Dental Society and Taibah University, Madina, KSA, 30-31st May 2014
- The 2nd MaxiCare Implant Course Madina, KSA, 20-21st June 2013
- Reviews of the standards for dental infection control College of Dentistry, Taibah University, KSA, 21st Feb 2013
- R4 Clinical & System Training Course College of Dentistry, Taibah University, KSA, 17-19th September 2012
- Basic Life Support Saudi Heart Association, 29th July, 2012
- Hands-on Reciproc Rotary System VDW Company, 16th Sep 2010, Munich, Germany
- Medical Emergency First Aid Ludwig-Maximilians University, Munich, Germany
- Excellence in Endodontics & Direct Restoration of Endodontically Treated Teeth Dentsply, Maillefer, Switzerland 1 – 4th Jun 2010
- Basic Life Support Course Manchester Dental School, 31st Oct 2007
- Immediate loading and Aesthetics (Implantology) Manchester University, 14th Dec 2007
- Hands-on Innovative-ProTaper System Manchester Dental School, 24th Feb 2006

•Hands-on ProFile System & Contemporary Endodontics

Damascus University Syria, 22nd Apr 2003

5. Essential Clinical Skills

- Micro-endodontics: performing different aspects of endodontics using microscope
- Endodontic retreatment implementing up-to-date endodontic materials and equipment
- Endodontic surgery using micro-sonic technique
- Overcoming procedural errors and mishaps such as ledges, perforations, fractured instruments
- Restoration of endodontically treated teeth using advanced dental composites and dental adhesives and fiber posts.
- Patient management & Treatment planning

IV. Workshops Supervised

- Excellence in Advanced Endodontics Kader Academy, Riyadh, Saudi Arabia, 27-28th Dec 2019,
- Excellence in Endodontic Retreatment Jeddah, Saudi Arabia, 22nd Nov 2019
- Excellence in Basic Endodontic Jeddah, Saudi Arabia, 18th Oct 2019
- Excellence in Advanced Micro-Endodontics Alfarabi College of Dentistry, Riyadh, Saudi Arabia
- Hands-On: Advanced Endodontics using Ultrasonics & Microscope 23-34th Feb 2018, Riyadh, Saudi Arabia
- Hands-On on using iRaCe rotary systems Al-Ehssa, SA, 7th October, 2017
- Hands-On on using iRaCe rotary systems Al-Khobar, SA, 5th October, 2017
- Hands-On on using iRaCe rotary systems Dammam, SA, 6th Ocyober, 2017
- Hands-on on using endodontic rotary system Madina Endodontic Scientific Day, 25th Feb 2017
- Hands-on on using endodontic rotary system Makkah Endodontic scientific Day, 7th Feb 2016
- Hands-on on using Rotary System Jeddah Scientific Day, 10 April 2015

- Hands-on; Removal of intra-canal fractured instruments using ultrasonics. Marmara University, Istanbul, Turkey. 31st August, 2012)
- Obturation of root canal system by Vertical Compaction 23rd Oct 2010, Dental School, The Ludwick-Maximilians University, Munich, Germany
- Hand-on on Rot Canal Cleaning & Shaping using Rotary System Endodontic Scientific Day 24th Sep 2010, Dental School, The Ludwig-Maximilians University, Munich, Germany
- Hands-on: Endodontic re-treatment (fractured instruments & intra-post retrieval) Cardiff University (Wrexham Medical Institute), 3rd Feb 2010
- Hands-on: Endodontic re-treatment (fractured instruments & intra-post retrieval). Cardiff University (Wrexham Medical Institute), 14th May 2008

V. Teaching Experience (1999 – Ongoing)

1. Responsibilities & Appointments

Director of Clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2019-Jun 20120**

I am working with other academic staff members to deliver and supervise clinical and theoretical aspects in endodontics to Year-Five dental students

Director of Pre-clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2018-May 2019**

I worked with other academic staff members to deliver and supervise the pre-clinical and theoretical aspects in endodontics to year-three dental students and to make sure they are competent enough to perform endodontic treatment in laboratory environment

Director of Clinical Endodontics Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2017- Jan 2018**

Director of Pre-Clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2016- Feb 2017**

Director of Clinical Endodontic Course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2015- Feb 2016**

Director of Internship Programme **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **July 2015 – Sep 2017**

I worked with members of the Internship Programme Committee to improve the clinical skills of and patient's management skills of the interns as a transitional phase before they become independent

Constructing of MCQs Item **Saudi Commission for Health Specialty** **April 2014-Ongoing**

I am contributing in writing MCQs item for the SCFHS at the National License Exam level

Internship Programme Clinical Tutor **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Feb 2014-Ongoing**

Working with other staff members on refining clinical skills of the interns on aspects of Comprehensive Clinical Dentistry.

Coordinator of Endodontics (1) course **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2013-Jun 2014**

Specialty Programme Clinical Tutor **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Dec 2012-Sep 2016**

I worked with other staff to supervise on advanced clinical and theoretical aspects in the Saudi Board Programme in Endodontics to make sure that residents are improving their clinical skills using state-of-art equipment and technologies in endodontics

Assistant Professor **College of Dentistry, Taibah University, Kingdom of Saudi Arabia** **Sep 2012-2016**

Teaching clinical and theoretical aspects of Endodontics. Also working with other staff on developing the curriculum of the Five Years Dentistry Course at the College of Dentistry. I am also involved in supervising and teaching the Comprehensive Clinical Dentistry course

Assistant & Associate Professor **College of Dentistry, Dammam University, Kingdom of Saudi Arabia** **Apr 2011-Ongoing**

I have been involved in teaching the Comprehensive Clinical Dentistry course. I, also, helped students on the theoretical aspects of Restorative Dentistry through oral presentations, assignments and seminars. Furthermore, I supervised the interns on endodontics and restorative dentistry aspects for the Internship programme at the Dammam University College. I contributed into developing the undergraduate dental course curriculum.

Course Coordinator **College of Dentistry, Dammam University, Kingdom of Saudi Arabia** **Sep 2011- June 2012**

I worked on formulating the course syllabus and strategies that ensure achieving the intended learning outcome.

Clinical tutor **School of Dentistry, The Ludwig-
Maximilians University, Munich, Germany** **Aug 2010-Nov 2010**

I contributed into supervising undergraduate students on aspects of clinical endodontics. I also, helped students to achieve their objectives in developing skills required to undertake root canal treatment in laboratory environment.

Post-doctorate Fellow **School of Dentistry, The University of
Manchester, United Kingdom** **Feb 2010–Aug 2010**

I assisted postgraduates student on planning and conducting research projects related to dental materials especially adhesives, composites and endodontic materials.

Research Associate **Centre for Excellence in Enquiry Based
learning (CEEBL), Manchester, UK** **Aug 2008–Mar 2010**

I worked on a project aimed to create a universal template for Enquiry Based Learning (EBL) at higher education institutes. Results were presented at national educational meetings.

Dental Nursing Lecturer **Midland College, United Kingdom** **Aug 2008-Jan 2009**

I taught different aspects of dentistry, 16 hours per week, for overseas students from different backgrounds. I delivered oral presentations covered dental anatomy, microbiology, pathology and histology, restorative and paediatric dentistry, periodontology and oral surgery and supervised on related practical sessions

Clinical Lecturer **Aleppo University, Syria** **Jan 2004-Jun 2005**

Teaching and supervising undergraduate dental students on Endodontics & Operative Dentistry aspects.

Clinical Teaching Assistant **Damascus University, Syria** **Sep1999- Dec 2003**

Supervising undergraduate students in Endodontics & Operative Dentistry procedures. During this time I worked on transferring advanced technologies in Endodontics and Operative Dentistry to dental students.

Clinical Tutor **Out-reach Clinic, Aleppo University, Syria** **1999 and 2000**

Two weeks each year, supervising students in the Out-Reach Clinic on Restorative Dentistry

2. Courses

Clinical endodontics course	Taibah University College of Dentistry	Sep 2019-Ongoing
Pre-clinical endodontics course	Taibah University College of Dentistry	Sep 2019-Ongoing
Pre-clinical endodontics course	Taibah University College of Dentistry	Sep 2018-Jun 2019
Clinical Endodontics	Taibah University College of Dentistry	Sep 2018-Jan 2019
Pre-clinical endodontics course	Taibah University College of Dentistry	Sep 2017-Jun 2018
Clinical endodontics course	Taibah University College of Dentistry	Sep 2017- Jan 2018
Pre-clinical endodontics course	Taibah University College of Dentistry	Sep 2016-May 2017
Clinical Endodontics	Taibah University College of Dentistry	Sep 2015-May 2016
Internship programme	Taibah University College of Dentistry	Feb 2014- ep 2017
Saudi Endodontic Board Residency Programme	Taibah University, KSA	Nov 2012-Jul 2013
Endodontics I (Year Three)	Taibah University, KSA	Sep 2012- May 2013
Endodontics II (Year Four)	Taibah University, KSA	Sep 2012- Feb 2013
Clinical Comprehensive Dentistry (Year Five)	Taibah University, KSA	Sep 2012- Jun 2013
Integrated Dentistry (Year Three)	Taibah University, KSA	Sep 2012- Feb 2013
Pulp Biology & Endodontics (Year Three)	Dammam University, KSA	Apr 2011- June2012
Clinical Endodontics (Year Four)	Dammam University, KSA	Apr 2011- Jun2012
Clinical Comprehensive Dentistry (Year Five)	Dammam University, KSA	Apr 2011- Jun2012
Pre-Clinical Endodontics (Year Three)	Ludwig-Maximilians University, Germany	Aug 2010- Nov 2010
Practical Dentistry (Year One & Two)	Midland College, United Kingdom	Aug 2008-Jan 2009
Endodontics IV (Year Five)	Aleppo University, Syria	Feb2003- May 2005
Endodontics III (Year Five)	Aleppo University, Syria	Feb 2003-May2005
Endodontics II (Year Four)	Aleppo University, Syria	Feb 2003-May2005

Clinical Endodontics (Year Five)	Damascus University, Syria	Sep 2000- Jan 2003
Pre-Clinical Endodontics (Year Four)	Damascus University, Syria	Sep 2000- Jan 2003
Clinical Operative Dentistry (Year Four)	Damascus University, Syria	Sep 2000- Jan 2003
Pre-clinical Operative Dentistry (Year two)	Damascus University, Syria	Sep 2000- Jan 2003

3. Workshops & Courses Attended

- Turnitin & iThenticate Training 12 November 2015, Taibah University, SA
- MCQs Constructions in Dentistry December 2013, College of Dentistry, Taibah University
- Update of the R4 System (Grading students work) 15th May 2013, College of Dentistry, Taibah University
- MCQs Constructions & Blueprint Construction and Assessment Tools workshop 26th April 2013, College of Dentistry, Taibah University, KSA
- Moog SimoDont Trainer demonstration & hands-on 5-6th March 2013, *College of Dentistry, Taibah University, KSA*
- Review of The Standards for Dental Infection Control College of Dentistry, Taibah University, KSA, 21st Feb 2013
- Course Portfolio College of Dentistry, Taibah University, KSA, 2nd Jan 2013
- Course Report College of Dentistry, Taibah University, KSA, 2nd Jan 2013
- Workplace-based Assessment Taibah University, KSA, 31st Dec 2012
- Assessment Strategies & Exam Policy College of Dentistry, Taibah University, KSA, 10th December 2012
- Programme & Course Specifications in Medical Education Workshop Taibah University, KSA, 8-9th December 2012
- JUSUR e-learning system Workshop College of Dentistry, Taibah University, KSA, 6rd December 2012

- Teaching Strategies in Medical Education workshop
College of Dentistry, Taibah University, KSA, 3rd December 2012
- R4 Clinical & System Training Course
College of Dentistry, Taibah University, KSA, 17-19th September 2012
- Teamwork & Leadership Development
Manchester, United Kingdom, 31st Jul, 2010
- Writing and Dissemination workshop
CEEBL, Manchester University, 13th May 2009
- Sustainable Development Symposium
CEEBL, Manchester University, 15th Dec 2008
- CEEBL Project Holders Meeting
CEEBL, Manchester University, 24th Sep 2008
- PBL Facilitator Training: School of Medicine
CEEBL, Manchester University, 19th Sep 2008
- Graduate Teaching Assistants
Manchester University, 24th Dec 2006
- First Year Workshop “Communication Skills”
Manchester University, 6th Jun 2006
- Effective Presentation Skills “Part-II”
Manchester University, 5th Dec 2005
- Effective Presentation Skills “Part-I”
Manchester University, 29th Nov 2005

4. Statement on Teaching

As a dentist, I have always strived to provide an excellent service to my patients. In order to do so, my knowledge should be continually updated and my skills improved. One of the ways to achieve this is through “*Learning by Teaching*”. This inspired me to enhance my academic career towards a PhD. Also, working on a CEEBL project exposed me to different experiences in teaching. I do believe that working in partnership with students makes them take responsibility for their own study and ultimately gives a better learning outcome. I also trust in *self-directed learning* as an effective method in improving student's ability to learn and establish good standards of knowledge and ability to solve problems.

VI. General Academic Responsibilities

General Secretary of The College of Dentistry, Taibah University, Mar 2014-Sep 2015
Public Relation Committee KSA

Coordinate with all departments and concerned committees within the college of dentistry and with other departments at university level

International Affairs & Collaboration Coordinator **College of Dentistry, Taibah University, KSA** **Sep 2013-Sep 2015**

Putting strategies for agreements and treaties with national and international Institutes and coordinate accordingly

Research Programme Students Representative **University of Manchester, United Kingdom** **2005 - 2006**

I represented postgraduate students at the Graduate Programme Committee and The Staff/Student Liaison Committee. My role included contacting students to find out their thoughts on problems or issues that they might have, and reporting them to the School Committee so that they can be solved as quickly as possible.

Postgraduate Students Chairman **Aleppo University, Syria** **July 2000**

I represented postgraduate students in the Out-Reach Clinics Campaign. I was the main link between them and undergraduate students in respect to clinical aspects supervision. I was also worked on bringing students suggestions to the attention of the School Committee.

VII. Research Experience (2001 – Ongoing)

1. Appointment & Responsibilities

Associate Professor	Taibah University, Al-Madina Munawarah, KSA	Nov 2016-Ongoing
Research Ethics Committee	College of Dentistry, Taibah University, KSA	Feb 2013-Sep 2014
Assistant Professor	Taibah University, Al-Madina Munawarah, KSA	Sep 2012-Dec 2016
Assistant Professor	University of Dammam, Dammam, KSA	Apr 2011 – Sep 2012
Research Fellow	The Ludwig-Maximilians University, Munich, Germany	Aug 2010 – Nov 2010
Research Fellow	The University of Manchester, United Kingdom	Feb 2010 – Aug 2010
PhD Researcher	The University of Manchester, United Kingdom	Sep 2005 – Feb2010
Research Associate	Centre for Enquiry Based Learning, Manchester, UK	Aug 2008 - Sep 2009
MSc Researcher	Damascus University, Syria	Sep 2001 – Sep 2003

2. Ongoing Research Projects

1. Using of different rotary systems for removal of root canal filling materials
2. Using of single-file rotary systems in Saudi dental practice
3. Productivity of academics working in Saudi university colleges of dentistry

3. Research Projects Fund

Efficiency of the New Reciprocating Technology, with or without Ultrasonics, in Removing MTA as a Root Canal Filling Material. King Abdulaziz City for Sciences & Technology. Saudi Arabia

The Effectiveness of New Reciprocating Technology in Removing Gutta-percha and Resilon Filling Materials During Root Canal Re-treatment Taibah University, Saudi Arabia

4. Statement on Research

Research in dental health has witnessed great interest within the last decades. Research that I have carried out has sculptured and refined my diagnostic skills, ability to plan research projects, analysis and critically appraise. In addition, the importance of teamwork has been magnified and emphasized. Research has also improved my communication skills as well as IT skills, in particular using some specific software. *I have been ranked as one of the **Top Five Researchers in Health and Medical Sciences** and was **the Runner-up for the 2011 Scopus Young Researcher Award**, developed by Elsevier in association with the US/UK Fulbright Commission.* This was the life-time achievement, so far, and a great motivation to gain further achievement in the future.

VIII. Publications

A. Peer Reviewed Journals Publications

1. **Ahmad Madarati.** Usage of Image-enhancement' Tools When Reading Radiographs Taken During Root-Canals Treatments' Procedures (Accepted).

2. **Ahmad Madarati.** Implementation of Digital Radiography during Root Canal Treatments in Saudi Endodontic and General Dental Practice. *European Endodontic Journal* (Accepted)
3. **Ahmad A Madarati.** Factors influencing incidents of complications while using Nickel-Titanium rotary instruments for root canal treatment. *BMC Oral Health*. 2019 Nov 11;19(1):241. doi: 10.1186/s12903-019-0938-7.
4. Morgana Quteifani, **Ahmad A Madarati** (0.25), Kinda layous, Mouhammad AL Tayyan. A comparative ex-vivo study of effects of different irrigation protocols with/without laser activation on the root dentine's micro-hardness. *European Endodontic Journal*. 2019; 4(3): 127-132. DOI: 10.14744/ej.2019.49369
5. **Ahmad Madarati, Adnan Habib.** Modalities of using endodontic nickel-titanium rotary instruments and factors influencing their implementation in dental practice. *BMC Oral Health* 2018,Nov 21;18(1):192. (***Impact factor 1.6***)
<https://www.ncbi.nlm.nih.gov/pubmed/30463557>
6. **Ahmad Madarati, Seema Abid, Faisal Tamimi, Ali Ezzi, Aya Sammani, Mohamad Bachar Abou Al-Shar and Muhammad Zafar.** Dental-Dam for Infection Control and Patient Safety during Clinical Endodontic Treatment: Preferences of Dental Patients. *Int. J. Environ. Res. Public Health* 2018, 15(9), 2012. (***Impact factor 2.608***).
<https://www.mdpi.com/1660-4601/15/9/2012>
7. **Ahmad A Madarati, Ahmad Al-Nazzawi, Aya MN Sammani, Mahmoud Al-Kayyal:** The Efficacy of Retreatment and New Reciprocating Systems in removing Gutta-Percha Filling Material. *Journal of Taibah University Medical Sciences*. 2018; 13 (5): 452-458.
<https://www.sciencedirect.com/science/article/pii/S1658361218300623>
8. **Ahmad A Madarati:** Preferences of Dentists and endodontists, in Saudi Arabia, on Management of Necrotic Pulp with Acute Apical Abscess. *BMC Oral Health February 2018*; 18 (1)903-018-0574-7 (***Impact factor 1.6***)
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6009056/?report=reader>
9. **Mustafa A. Al Attas, Hadeel Y. Edrees, Aya M.N. Sammani, Ahmad A. Madarati:** Multidisciplinary approach of endodontic periodontal lesion: case report *Journal of Taibah University Medical Sciences*. *Journal of Taibah University Medical Sciences*.

2017; 12(5): 455-60.

<https://www.sciencedirect.com/science/article/pii/S1658361217300926>

10. **Madarati AA, Zafar MS, Sammani AMN, Mandorah AO, Bani-Younes HA.** Preference and usage of intracanal medications during endodontic treatment. *Saudi Med J.* 2017;38(7):755-763. <https://www.ncbi.nlm.nih.gov/pubmed/28674723>
11. **Ahmad Madarati, Aya Sammani, Muhammad Sohail Zafar, Hamzah Bani-Younes, Hany Mohamed Aly Ahmed.** Usage of NiTi rotary files systems for root canal retreatment procedures: Experience and practice of dental practitioners and endodontists. *ENDO - Endodontic Practice Today* journal, 2016, 10 (4): 213-223. <https://endo-ept.quintessenz.de/index.php?doc=toc&year=2016&issue=4>
12. **A.Madarati;** Why dentists don't use rubber dam during endodontics and how to promote its usage?. *BMC Oral Health February 2016 (Impact factor 1.13)* <https://www.ncbi.nlm.nih.gov/pubmed/26916426>
13. **A.Madarati, H Bani Younis;** Survey on modalities of rubber dam use for root canal treatment procedures. *Journal of Taibah University Medical Sciences.* 2016; 11(2): 152-8. <https://www.sciencedirect.com/science/article/pii/S1658361216000287>
14. **A. Madarati;** Retrieval of multiple separated endodontic instruments using ultrasonic vibration: Case Report. *Journal of Taibah University Medical Sciences.* 2016; 11(3): 268-73. <https://www.sciencedirect.com/science/article/pii/S1658361215001432>
15. **A.Madarati;** Temperature rise on the surface of NiTi and stainless steel fractured instruments during ultrasonic removal. *International Endodontic Journal.* 2015 Sep 48 (**Impact factor 2.971**). <http://onlinelibrary.wiley.com/doi/10.1111/iej.12383/abstract>
16. **A.Madarati, D.C.Watts;** Temperature rise on the external root surface during removal of endodontic fractured instruments. *Clinical Oral Investigation journal.* 2013 Aug 8 (**Impact factor 2.200**). <https://link.springer.com/article/10.1007%2Fs00784-013-1066-4>
17. **A.Madarati, M Hunter, Paul Dummer.** Management of intra-canal separated instruments. *Journal of Endodontics;* 39(5):569-81 (**Impact factor 2.929**). [http://www.jendodon.com/article/S0099-2399\(13\)00023-X/fulltext](http://www.jendodon.com/article/S0099-2399(13)00023-X/fulltext)
18. **Romeed SA, Dunne SM, A.A. Madarati;** The impact of fractured endodontic file removal on vertical root fracture resistance: three-dimensional finite element analysis. *European Journal of Prosthodontic Restorative Dentistry.* 2012 Jun; 20(2):86-91 (**Impact factor 1.060**). http://www.ejprd.org/view.php?journal_id=86&article_id=625&search_terms=The%20i

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19. **M. Hammad, Y Oweis, S Taha, S Hatta, A.A. Madarati, F Kadim;** Students Opinions and **Attitudes** After Performing a Dental OSCE for the First Time. *Journal of Dental Education*, 2013 Jan; 77(1): 99-104 (**Impact factor 1.060**).
<http://www.jdentaled.org/content/77/1/99.long>
20. **A.A.Madarati, A.J.E.Qualtrough and D.C.Watts;** Effect of retained fractured instruments on tooth resistance to vertical fracture with or without attempt at removal. *International Endodontic Journal*, 2010 Nov; 43, 1047-53 (**Impact factor 2.383**).
<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2591.2010.01783.x/abstract>
21. **A.A.Madarati, A.J.E.Qualtrough and D.C.Watts;** Vertical fracture resistance of roots after ultrasonic removal of fractured instruments. *International Endodontic Journal*, 2010 May; 43, 424- 429 (**Impact factor 2.383**).
<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2591.2010.01698.x/abstract>
22. **A.A.Madarati, A.J.E.Qualtrough and D.C.Watts;** Endodontists experience using ultrasonics for removal of intra-canal fractured instruments. *International Endodontic Journal*, 2010 April; 43: 301-5 (**Impact factor 2.383**).
<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2591.2009.01680.x/abstract>
23. **A.A.Madarati, A.J.E.Qualtrough, and D.C.Watts;** Efficiency of a Newly Designed Ultrasonic Unit and Tips in Reducing Temperature Rise on Root Surface during Removal of Fractured Files. *Journal of Endodontics*, 2009 Jun;35(6):896-9 (**Impact factor 2.383**).
[http://www.jendodon.com/article/S0099-2399\(09\)00309-4/fulltext](http://www.jendodon.com/article/S0099-2399(09)00309-4/fulltext)
24. **A.A.Madarati, A.J.E.Qualtrough, and D.C.Watts;** A microcomputed tomography scanning study of root canal space changes after the ultrasonic removal of fractured files. *Journal of Endodontics*, 2009 Jan; 35 (1):125-8 (**Impact factor 3.291**).
[http://www.jendodon.com/article/S0099-2399\(08\)00893-5/pdf](http://www.jendodon.com/article/S0099-2399(08)00893-5/pdf)
25. **A.A.Madarati, A.J.E.Qualtrough, and D.C.Watts;** Factors affecting temperature rise on the external root surface during ultrasonic retrieval of intra-canal separated files. *Journal of Endodontics*, 2008 Sep; 34 (9):1089-92 (**Impact factor 3.291**).
[http://www.jendodon.com/article/S0099-2399\(08\)00492-5/fulltext](http://www.jendodon.com/article/S0099-2399(08)00492-5/fulltext)
26. **A.A.Madarati, D.C.Watts, and A.J.E.Qualtrough;** Opinions and attitudes of endodontists and general dental practitioners in the UK towards the intracanal separation of endodontic files: Part 2. *International Endodontic Journal*, 2008 Dec; 41(12):1079-87 (**Impact factor 3.291**).
<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2591.2008.01473.x/abstract>

27. **A.A.Madarati, D.C.Watts, and A.J.E.Qualtrough;** Opinions and attitudes of endodontists and general dental practitioners in the UK towards the intracanal separation of endodontic files: Part 1. *International Endodontic Journal*, 2008 Aug; 41(8):693-701 (**Impact factor 2.383**). <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2591.2008.01425.x/abstract>
28. **A.A.Madarati, D.C.Watts, and A.J.E.Qualtrough;** Factors contributing to the separation of endodontic files. *British Dental Journal*; 2008 Mar 8; 204 (5):241-245 (**Impact factor 1.060**). <https://www.nature.com/articles/bdj.2008.152>
29. **A.A.Madarati, M.S.Rekab, D.C.Watts, and A.J.E.Qualtrough;** Time-Dependence of Coronal Seal of Temporary Materials Used in Endodontics. *Australian Endodontic Journal*, 2008 Dec;34 (3):89-93. (**Impact factor 1.239**). <http://onlinelibrary.wiley.com/doi/10.1111/j.1747-4477.2007.00079.x/abstract;jsessionid=FC0A44DF79AF1BD81A4A8486368326A0.f02t01>

B. Submitted and in-preparation

1. Shaping ability of different single-file rotary systems
2. Using of different rotary reciprocating system in removing gutta-percha based root canal filling materials.
3. Using of Single-File Rotary Systems in Saudi Arabia

C. Book Publications

1. M. Hatamleh, A. Madarati, R. Wahid, A. Sandil, K Al-Ahdal. Converting from Lecture-Based Teaching to Enquiry-Based Learning. Lambert Academic Publishing (2013)

D. Conferences Publications

1. A.A. Madarati, Aya Sammani, **Samaher Al-Fawzan:** Dental Clinicians' Preferences in Managing Cases of Necrotic Pulp with Acute Apical Abscess. The Saudi Dental Society Annual Meeting. 2017
2. Ahmad A Madarati, **Mahmod Alkayyal,** Ahmad Al-Nazzawi, Aya Sammani: Effectiveness of Different Rotary Instruments in Removing Two Root-Canal Filling Materials. The Saudi Dental Society Annual Meeting. 2017

3. A.A Madarati, **Ali Al-Sharif**, A A Al-Nazzawi: Exploring Factors affecting research & Publication Productivity of Academic Working in Saudi Dental Institutes. the Saudi Dental Education Conference, 16-18th November 2017, Princess Nourah University, Riyadh, Saudi Arabia.
4. **A.A. Madarati**, Muthana Al-Rahabi, Aya Sammani: Management of Necrotic Pulp with Apical Abscess: Experience of Practitioners in Western Province/SA (The 11th Makkah International Dental Conference, Makkah, Saudi Arabia, 1-3rd April 2014)
5. **A.A. Madarati**, Ayman Mandorahi, Aya Sammani: Preference of Practitioners in Western Province/SA in Using Intra-canal Medications during RCT (The 11th Makkah International Dental Conference, Makkah, Saudi Arabia, 1-3rd April 2014)
6. **A.A. Madarati and D.C. Watts**; Temperature generated on the external root surface during staging platform-preparation for removal of fractured instruments (16th ESE Biennial Congress, Lisbon, Portugal, 12-14th Sep 2013)
7. **A.A. Madarati**; Management of Endodontic Fractured Instruments (Second Pan Arab Endodontic Conference, Dubai, United Arab Emirates, 2012)
8. **A.A.Madarati, A.J.E.Qualtrough and D.C.Watts**; Reinforcing roots after unsuccessful removal of fractured-instrument using new filling-materials. (IADR, Barcelona, Spain, 2010)
9. **S.A. Romeed, F.P. Rodriggues and A.A. Madarati**; Push-out FEA of posts-luting cements systems bonded to intra-radicular dentine (IADR, Barcelona, Spain, 2010)
10. **S.A. Romeed, A.A. Madarati, A. Harkara, R. Cotton, and F.P. Rodriggues** Vertical Root Fracture Resistance; The influence of Fractured Files Removal (IADR, Barcelona, Spain, 2010)
11. **A.A.Madarati, A.J.E.Qualtrough and D.C.Watts**; Vertical fracture resistance of roots after ultrasonic removal of fractured files (20th European Dental Materials Conference, 27-28th Aug 2009, Manchester, United Kingdom)
12. **A.A.Madarati, A.J.E.Qualtrough, and D.C.Watts**: Endodontists experience using ultrasonics for removal of intra-canal separated instruments. Postgraduate Research in Science Medicine meeting (PRISM), Manchester, United Kingdom, 2009)
13. **R.Wahid, A.A.Madarati, A.Sandill, L. Goldring, N. Powell & M. Hatamleh**: Developing an EBL template for higher education institutions. Learning Through Enquiry Alliance (Reading, United Kingdom, 2009).
14. **A.A.Madarati, A.J.E.Qualtrough, and D.C.Watts**: Reducing temperature rise on root-surface during ultrasonic-removal of fractured files (IADR, Miami, USA, 2009).

15. **A.A.Madarati, A.J.E.Qualtrough, and D.C.Watts:** Root-Canal Volume-Changes after Fractured File Removal Assessed by Micro Computerised-Tomography. The Pan European Federation of the International Association for Dental Research (London, United Kingdom, 2008).
16. **A.A.Madarati, A.J.E.Qualtrough, and D.C.Watts:** Potential Hazardous temperature-rise at root surface during ultrasonic-removal of fractured files (IADR, Toronto, Canada, 2008).
17. **A.A.Madarati, D.C.Watts, and A.J.E.Qualtrough:** A survey on the experience of UK endodontists and general dental practitioners in the management of intra-canal fractured endodontic instruments: Poster presentation (The British Endodontic Society Meeting, London, United Kingdom, 2008)
18. **A.A.Madarati, D.C.Watts, and A.J.E.Qualtrough:** Opinions and attitudes of endodontists and general dental practitioners in the UK towards the intracanal separation of endodontic files (The 13th Biennial Congress of the European Society of Endodontology, Istanbul, Turkey, 2007).
19. **A.A.Madarati, D.C.Watts, and A.J.E.Qualtrough:** Coronal Seal of Root Filled Teeth Restored With Temporary Materials (IADR, PEF, Dunlin, Ireland, 2006)

E. Thesis Publication

1. **MSc Thesis:** Coronal Sealing Ability of Temporary Restorative Materials Used in Endodontics. University of Damascus, Syria, 2003.
2. **PhD Thesis:** Analysis and management Intra-Canal Fractured of Endodontic Instruments. The University of Manchester, United Kingdom, 2010.

IX. Journals' Editorial Board

- *European Endodontic Journal*
- *EDORIUM Journal of Dentistry*
- *Marmarah Dental Journal*

X. Journals Review

I am a reviewer for the following journals:

- Dental Materials,
- International Endodontic Journal.
- *Journal of Applied Oral Science,*

- *European Journal of Dentistry*
- *International Journal of Oral Sciences, BioMed Central Research Journal*
- *EDORIUM Journal of Dentistry*
- *Indian Journal of Dental Research.*
- *Marmarah Dental Journal*

XI. Presentations

1. Root Canal Systems; Clinical tips for a journey from tiny spots to well-shaped and cleaned spaces. The 6th Pan Arab Endodontic Conference. 23-25th Jan. Marrakesh, Morocco.
2. Rubber Dam isolation; a luxury or must in endodontics. The 16 International Conference of College of Dentistry, Baghdad University. 23-25th Feb 2019, Baghdad Iraq
3. Fundamentals of Shaping and Cleaning of Root Canal Systems and MicroSonic for Advanced Endodontics; Series of lectures (Full day) for Advanced Endodontic course. 23-34th Feb 2018, Riyadh, Saudi Arabia
4. Strategic & Clinical Tips to Reduce Instruments Fracture. The 5th Baghdad Endodontic Conference. Baghdad, Iraq; 15-17th Feb 2018.
5. Single use of endodontic instruments: is it enough to prevent instruments fracture? Pan Arab Endodontic Conference (PAEC), 6-8th December 2017, Cairo, Egypt.
6. Effective Cleaning & Shaping of Root Canal System: The Harmony between Fundamentals and Contemporary Rotary Systems. Al-Ehssa, 7th October 2017 (FKG, Saudi Arabia).
7. Effective Cleaning & Shaping of Root Canal System: The Harmony between Fundamentals and Contemporary Rotary Systems. Dammam, 6th October 2017 (FKG, Saudi Arabia).
8. Effective Cleaning & Shaping of Root Canal System: The Harmony between Fundamentals and Contemporary Rotary Systems. Al-Khobar, 5th October 2017 (FKG, Saudi Arabia)
9. How to reduce fracture of endodontic instruments during your daily practice. The First Online Dentistry Scientific Lectures (a Webinar Lecture). July 2017.
10. Access Cavity Preparation: your first step towards successful endo, Madina Scientific Day, 25th Feb 2017. 2017
11. How to prepare Curved Root Canals, Madina Scientific Day, 25th Feb 2017

12. How Many time an endodontic file can be used before it fractures: is it the correct question?
AEEDC, Dubai 7th February 2017
13. Access Cavity Preparation: your first step for successful endodontics; Makkah Endodontic scientific Day, 7th Feb 2016.
14. Cleaning and Shaping of the root canal system: an easy and complications-free game;
Makkah Endodontic scientific Day, 7th Feb 2016.
15. Fracture of endodontic files: reasons and management; Makkah Endodontic scientific Day,
7th Feb 2016.
16. Endodontic Fractured Instruments: reasons, Prevention and Management Options. The 4th
Pan Arab Endodontic Conference, Tunisia, 29-31st October 2015
17. Intra-canal Separation of Endodontic Files: A Complex Accident Versus Simple Preventive
Procedures (a Webinar Lecture). The 1st International Dental Online Conference, 2015
18. The First Intra-canal Fracture of Instruments; What Should a Dentist Do (The 18th APEC
congress and The 4th Jordanian Endodontic Society meeting, Amman, Jordan 8-10th April 2015)
19. Management of Necrotic Pulp with Apical Abscess: Experience of Practitioners in Western
Province/SA (The 11th Makkah International Dental Conference, 31st March – 2nd April 2015)
20. Fracture of root canal instruments: what should a dentist do about it? (The Monthly Scientific
meeting of the Saudi Dental Society, Makkah branch; 15th Nov 2013).
21. Temperature generated on the external root surface during staging platform-preparation for
removal of fractured instruments (16th ESE Biennial Congress, Lisbon, Portugal, 12-14th Sep
2013)
22. Intra-canal fracture of endodontic instruments: How it happens and what are the contributing
factors? (The Monthly Scientific meeting of the Saudi Dental Society, Al-Madinah Al-Munawarrah
branch; 27th Jun 2013).
23. Management of Intra-canal Fractured Instruments: Influencing Factors, Complications &
Decision Making Process. (The Monthly Scientific meeting of the Saudi Dental Society, Al-
Madinah Al-Munawarrah branch, 27th June 2013).
24. Peer-review journal publications: First Scientific Day of College of Dentistry, Taibah University.
1st Jun 2013, College of Dentistry, Taibah University, KSA

25. Intra-canal fractured instruments: to remove or to leave; it is more than one question!. International Scientific Congress of Dentistry of Marmara University, 30th Aug- 1st Sep 2012, Istanbul, Turkey)
26. Management of Endodontic Fractured Instruments (Second Pan Arab Endodontic Conference, 11-14th Jan 2012, Dubai, United Arab Emirates)
27. Endodontic fractured instruments; what are the best treatment options? (Saudi Dental Society Monthly meeting, Dammam branch, 25th Oct 2011, College of Dentistry, University of Dammam, Kingdom of Saudi Arabia)
28. Endodontic fractured instruments; the WHAT and the HOW (Academic Staff Meeting, 30 Sep 2010, Faculty of Dentistry, the Ludwig-Maximilians University, Munich, Germany)
29. Reinforcing roots after unsuccessful fractured-instrument removal using new filling materials (IADR, 14-17th Jul 2010, Barcelona, Spain)
30. How to reinforce teeth after attempt at removal of fractured instruments (Syrian British Medical Society research meeting, 9th May, 2010, London, United Kingdom)
31. Endodontists experience using ultrasonics for removal of intra-canal separated instruments. Oral Presentation (Postgraduate Research in Science Medicine, PRISM, 30th Oct 2009, Manchester, United Kingdom)
32. Vertical fracture resistance of roots after ultrasonic removal of fractured files. Poster presentation (20th European Dental Materials Conference, 27-28th Aug 2009, Manchester, United Kingdom)
33. Enquiry-Based Learning, Do we need it? Oral presentation (Student Voice Conference, 25th Mar 2009, Manchester, United Kingdom)
34. Reducing temperature rise on root-surface during ultrasonic-removal of fractured files. Poster presentation (IADR, 1-4th Apr 2009, Miami, USA)
35. Root-Canal Volume-Changes after Fractured File Removal Assessed by Micro Computerised-Tomography. Oral presentation (The PEF of the IADR, 10-12th Sep 2008, London, United Kingdom)
36. Potential Hazardous temperature-rise at root surface during ultrasonic-removal of fractured files. Oral presentation (IADR, 2-5th Jul 2008, Toronto, Canada,)

37. A survey on the experience of United Kingdom endodontists and general dental practitioners in the management of intra-canal fractured endodontic instruments: Poster presentation (The British Endodontic Society Spring Scientific Meeting, 8th Mar 2008, London, United Kingdom)
38. Opinions and attitudes of endodontists and general dental practitioners in the UK towards the intracanal separation of endodontic files: Oral presentation (The 13th Biennial Congress of the European Society of Endodontology, 8th Sep 2007, Istanbul, Turkey)
39. Survey on the separation of endodontic files: Oral Presentation (Postgraduate Research Presentation Day, School of Dentistry, 11th Jul 2007, The University of Manchester, United Kingdom)
40. Coronal Seal of Root Filled Teeth Restored With Temporary Materials: Poster presentation (The PEF of the IADR, 15th Sep 2006, Dublin, Ireland).
41. Radiology in Endodontics. Oral Presentation (MSc and PhD Students Seminars, 4th Oct 2001, Damascus University Dental School, Syria)
42. Crown-Down Technique. Oral presentation (MSc and PhD Students Symposium. Oral Presentation (6th March 2000, Damascus University Dental School, Syria)
43. Restoration of Endodontically Treated Teeth. Oral Presentation (The Postgraduate Students Presentation Day, 13th Apr 1999, Damascus University Dental School, Syria)

XII. Conferences & Meeting Attended

1. The 5th Naghada Endodontic Conference. 16-17th Feb 2018, Baghdad, Iraq.
2. 5th Pan Arab Endodontic Conference, Cairo, Egypt, 6-8th December 2015
3. AEEDC, Dubai 6-8th February 2017
4. Pan Arab Endodontic Conference, Tunisia, 29-31st October 2015
5. The 11th Makkah International Dental Conference. Makkah, Saudi Arabia; 1-3rd April 2014.
6. The Monthly Scientific meeting of the Saudi Dental Society, Makkah branch; 15th Nov 2013.
7. The 16th European Society for Endodontology Biennial Congress, Lisbon, Portugal, 12-14th Sep 2013
8. The Saudi Dental Society monthly meeting, -Madinah Al-Munawarrh branch; 27th Jun 2013)
9. The 2nd MaxiCare Implant Course, Al-Madinah Al-Munawarrh 20-21 June 2013

10. The First Endodontic Scientific Day, Western Branch. Al-Madinah Al-Munawarra, 18th April, 2013.
11. International Scientific Congress of Dentistry of Marmara University, 30th Aug- 1st Sep 2012, Istanbul, Turkey)
12. The 10th Annual Dental Symposium “Dentistry in the Evidence-Based Practice Era” (2-3rd May, 2012, Dammam University, KSA)
13. The Saudi Dental Society Monthly meeting, Eastern Province (Practical Tips in Prosthodontics) 16th April 2012, College of Dentistry, University of Dammam, KSA.
14. Developing Interactive Learning Instructions in COD (13th of February 2012 College of Dentistry, University of Dammam)
15. The SDS Eastern Province Workshop, One Day Continuous Education Course, Saudi Dental Society “The New Era in Prosthodontics”) (2nd February, 2012, University of Dammam, KSA)
16. The fourth Saudi Dental Society, Eastern Province, monthly meeting “The Fixed Implant Supported Restoration: the Why and the How” (31st January, 2012, College of Dentistry, University of Dammam, KSA)
17. Second Arab Endodontic Conference, 11- 14th January, 2012, Dubai, United Arab Emirates)
18. Future Trends in Biomedical Engineering College of Engineering (1st January 2012, University of Dammam, KSA)
19. The First Meeting of Traffic Safety (12 and 13th December, 2011, Dammam, KSA)
20. The Saudi Dental Society Monthly meeting (Eastern Province), 25th Oct 2011, College of Dentistry, University of Dammam, Kingdom of Saudi Arabia
21. Medical Emergency in The Dental Office, College of Dentistry, University of Dammam, KSA, 19th May 2011)
22. The 9th Annual Dental Symposium (2nd – 4th May, 2010, University of Dammam, KSA)
23. The 4th Saudi International Conference (30- 31st July, 2010, Manchester, United Kingdom).
24. The International Association for Dental Research (IADR) meeting (14 -17th July, Barcelona, Spain),
25. Syrian British Medical Society research meeting, 9th May, 2010, London, United Kingdom

26. The Annual Scientific Conference of the Syrian Dental Association, 13-14th March 2010, Damascus, Syria)
27. Postgraduate Research in Science Medicine, PRISM, (30th Oct 2009, Manchester, United Kingdom)
28. Manchester Medical Society meeting (the future of facial transplantation, 23rd Oct 2009 Manchester, UK
29. The 20th European Dental Materials Conference (27- 28th Aug 2009, Manchester, United Kingdom)
30. LTEA and Reading Teaching and Learning Conference (14-5th Jul 2009, Reading, United Kingdom)
31. The International Association for Dental Research meeting (1-4th Apr 2009, Miami, USA)
32. CEEBL Student Voice Conference (25th March 2009, Manchester, United Kingdom)
33. The International Association for Dental Research meeting (2–5th Jul 2008, Toronto, Canada)
34. The British Endodontic Society Spring Scientific Meeting (7–8th Mar 2008, London, UK)
35. Dental Pan Society Conference (16–17th Nov 2007, Birmingham , United Kingdom)
36. Manchester Medical Society meeting “Aesthetics and Dentistry” (7th Nov 2007, Manchester, UK
37. The Ultimate Bleaching Seminar (1st October 2007, Manchester, United Kingdom)
38. 13th The European Society of Endodontology meeting (6-8th Sep 2007, Istanbul, Turkey)
39. Manchester Medical Society meeting “Diagnostic dilemmas in facial pain” (30th Apr 2007, Manchester, United Kingdom)
40. SKYSCAN User Meeting 2007 (17– 19th Apr 2007, Brugge, Belgium)
41. The British Endodontic Society meeting (10th Mar 2007, London, United Kingdom)
42. Biomechanics Research Day (1st Mar 2007, Manchester, United Kingdom)
43. The LaVision User Group Meeting 2007 (28th Feb 2007, LaVision UK Ltd, Oxon, , UK)
44. The British Endodontic Society Meeting-(24–25th Nov 2006, Newcastle, United Kingdom)
45. Manchester Medical Society meeting “Current Guidelines in Dentistry” (1st Nov 2006, Manchester, UK

46. The Association of Basic Science Teachers in Dentistry & British Conservative Dentistry Teachers meeting (11–13th Sep 2006, Dublin, Ireland).
47. International Symposium by The Cochran Oral Health Group-Manchester “Evidence For Up-to-Date Clinical dental practice” (30 - 31st May 2006, Manchester, United Kingdom)
48. Manchester Medical Society and the Royal College of Surgeons of Edinburgh, Faculty of Dental Surgery joint meeting (24th Apr 2006, Manchester, United Kingdom)
49. The British Endodontic Society meeting (10 -11th Mar 2006, London, United Kingdom)
50. The British Endodontic Society meeting (25 -26th Nov 2005, Manchester, United Kingdom)
51. The First Conference of Syrian Dental Specialized Associations (18–20th Jun 2002, Damascus, Syria)
52. The 10th Congress of Arab Dental Organizations & the 13th International Scientific Congress of the Syrian Dental Association (23- 25th Sep 2001, Damascus, Syria).
53. The third Conference of the Syrian Endodontics Society (12-14th Apr 2000, Damascus, Syria)

XIII. Awards & Prizes

- Best Educational Poster, the Saudi Dental Education Conference 2017, Princess Nourah University, Riyadh, Saudi Arabia.
- Ranked as one of the **top five young researchers** (Europe) in Health and Medical Sciences and was **The Runner-up for the 2011 Scopus Young Researcher Award**, developed by Elsevier in association with the US/UK Fulbright Commission.
- **Third Best Presentation** Award (Syrian British Medical Society research meeting, 9th May, 2010, London, United Kingdom)
- **Postgraduate Research Fund Award** (Armourers & Brasiers Company, London, United Kingdom) (2010).
- **Best Oral Presentation** in Postgraduate Research in Science Medicine, PRISM, meeting (30th Oct 2009, Manchester, United Kingdom).
- **Postgraduate Travel Fund Bursary** (Satelec/Acteon Company, France) (2009).
- PhD Scholarship (Aleppo University, Syria, 2005).
- Postgraduate Studies Scholarship (Aleppo University, Syria) (1998).
- Top 10 Graduate Dental Students (third) award (Aleppo University) (1996)

XIV. Courses, Workshops Attended

- Turnitin& iThenticate Training 12 November 2015, Taibah University, SA
- 3D Application of Cone Beam Carestream Dental Global Technical Training Center (Taibah University, KSA, Dec, 2013)
- Construction of a Website Page Taibah University, KSA, 1st May 2013
- Design an Electronic Survey Taibah University, KSA, 24th April 2013
- JUSUR e-learning system Workshop Taibah University, KSA, 6rd December 2012
- Teamwork & Leadership Development Manchester, United Kingdom, 31st Jul, 2010
- Writing and Dissemination workshop CEEBL, Manchester University, 13th May 2009
- Sustainable Development Symposium CEEBL, Manchester University, 15th Dec 2008
- CEEBL Project Holders Meeting CEEBL, Manchester University, 24th Sep 2008
- Research Methods and Statistics Manchester University, Sep 2005-Mar 2006
- Developing The Postgraduate Manager Manchester University, 20 to 22nd Jun 2006
- First Year Workshop “Communication Skills” Manchester University, 6th Jun 2006
- Effective Presentation Skills “Part-II” Manchester University, 5th Dec 2005
- Effective Presentation Skills “Part-I” Manchester University, 29th Nov 2005

XV. Professional Memberships

- Academy of Dentistry International
- International Association for Dental Research (IADR)
- British Society of Dental Research (BSDR)
- Syrian-British Medical Society
- Saudi Commission for Health Specialities
- Saudi Dental Society
- Syrian Endodontic Specialists Society
- Syrian Dental Association

- Syrian Higher Education Teachers Association

XVI. Essential General Skills

A. Team work

- Working with other colleagues and the intensive continues review has contributed to good outcome and success of the first batch of the Comprehensive Clinical Dentistry at College of Dentistry, Taibah University
- The cooperation with the colleagues at Colleges of Dentistry, University of Dammam and Taibah University secured the objectives and intending learning outcomes of the pre-clinical and clinical endodontic courses.
- Good teamwork skills gained through assisting in teaching undergraduate students where co-operation among academics had great importance in improving students' performance.
- I gained excellent teamwork skills through working on an EBL project funded by CEEBL, Manchester.
- I contributed to some research projects carried out in the Biomaterials Department, the University of Manchester where research results were the outcome of a team work.

B. Communication

- I successfully delivered oral presentations covered aspects of endodontics at international meetings.
- I liaised with students and academic staff at Manchester University through which different aspects of the learning process were addressed.
- I fruitfully taught undergraduate students from different backgrounds at academic institutes in different countries.

C. Leadership & Co-ordination

- Led the CEEBL project in which I effectively presented up-to-date findings to the project manager. I also co-coordinated group meetings, drew aims and objectives, led the discussion, put the strategies for the next stages and divided responsibilities among the team members.
- Elected as a Research Students Representative.
- Co-coordinated clinical training in the Out-Reach Clinic campaign.

D. Creative Problem Solving

- During the CEEBL project, the methodology was not clear where other members wanted to focus on the literature review only. I suggested interviewing academic staff at the University of Manchester who already have experience in EBL. This suggestion was adopted and properly approached.
- I created an initial template for EBL teaching at higher education level.
- During the PhD where some technical problems emerged, creativity was an essential element to go ahead with the project.

E. IT and other skills

- Proficient in the use of SPSS, SigmaPlot, EndNote,
- I attended many courses where I gained and improved other skills i.e. time management.

XVII. Interest & Outside Dentistry Achievements

- Member of the Smile Dental Club, Taibah University College of Dentistry
- A member of a faculty of Dentistry football team which won the Aleppo University Football Tournament (1995).
- Champion of the UK Syrian Student Tournament (Manchester Branch) for Table Tennis Tournament (January 2010)
- I like traveling, meeting with people from different nationalities, spending weekends at the countryside, football, basketball, table-tennis and watching sport & documentary TV programmes.

XVIII. References (After notification)

Dr Ayman Mandourah

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