

## **Curriculum Vitae**

*Dr Ahmad Madarati*

***BDS, PG Dip, MSc, PhD***

**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

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

[ahmad.madarati@hotmail.co.uk](mailto:ahmad.madarati@hotmail.co.uk)

#### Address:

##### Home:

1 Fernside Avenue  
Manchester  
M20 4TA  
United Kingdom

##### Work:

Pioneers Clinics,  
Riyadh 12234  
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, the Director of the Internship Programme, and the coordinator of the Clinical endodontics course (College of Dentistry, Taibah University) 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. I am currently working in my private practice in Riyadh, where I am dealing with complex and advanced cases referred by colleagues.

#### **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 Pre-clinical Endodontic Course**      **College of Dentistry, Taibah University, Kingdom of Saudi Arabia**      **Sep 2020 - May 2021**

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 2019 - Jun 2020**

I worked 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**

**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- Sep 2021**

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**

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

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

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

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, 30-31<sup>st</sup> May 2014
- The 2<sup>nd</sup> MaxiCare Implant Course                      Madina, KSA, 20-21<sup>st</sup> June 2013
- Reviews of the standards for dental infection control                      College of Dentistry, Taibah University, KSA, 21<sup>st</sup> Feb 2013
- R4 Clinical & System Training Course                      College of Dentistry, Taibah University, KSA, 17-19<sup>th</sup> September 2012
- Basic Life Support                      Saudi Heart Association, 29<sup>th</sup> July, 2012
- Hands-on Reciproc Rotary System                      VDW Company, 16<sup>th</sup> 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 – 4<sup>th</sup> Jun 2010
- Basic Life Support Course                      Manchester Dental School, 31<sup>st</sup> Oct 2007
- Immediate loading and Aesthetics (Implantology)                      Manchester University, 14<sup>th</sup> Dec 2007
- Hands-on Innovative-ProTaper System                      Manchester Dental School, 24<sup>th</sup> Feb 2006

- Hands-on ProFile System & Contemporary Endodontics

Damascus University Syria, 22<sup>nd</sup> 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

- |  |  |
|--|--|
| • Mastering Essential Endodontics      | Endodontic Professional Diploma (Module-1),<br>Mastery Academy, Jeddah-KSA, 9-10 April 2021              |
| • Mastering Advanced Endodontics       | Endodontic Professional Diploma (Module-3),<br>Mastery Academy, Khobar KSA, 2-3 April 2021               |
| • Mastering Endodontics Retreatment    | Endodontic Professional Diploma (Module-2),<br>Mastery Academy, Khobar KSA, 19-20 Feb 2021               |
| • Mastering Essential Endodontics      | Endodontic Professional Diploma (Module-1),<br>Mastery Academy, Khobar KSA, 22-23 <sup>th</sup> Jan 2021 |
| • One Day of Excellence in Endodontics | Derat-Aram Dental Education, KSA, 2 <sup>nd</sup> Jan 2021   |
| • Mastering Advanced Endodontics       | Endodontic Professional Diploma (Module-3),<br>Mastery Academy, KSA, 10-11 <sup>th</sup> Dec 2020        |
| • One Day of Excellence in Endodontics | Private Course, Riyadh, KSA, 27 <sup>th</sup> Nov 2020   |
| • Mastering Endodontic Retreatment     | Endodontic Professional Diploma (Module-2),<br>Mastery Academy, KSA, 13-14 <sup>th</sup> Nov 2020        |
| • One Day of Excellence in Endodontics | Medical Palace Cor, Alkhobar, SA, 10 <sup>th</sup> Dec 2020.   |
| • Mastering Essential Endodontics      |  |



- Excellence in Advanced Endodontics
- Excellence in Endodontic Retreatment
- Excellence in Basic Endodontic
- Excellence in Advanced Micro-Endodontics
- Hands-On: Advanced Endodontics using Ultrasonics & Microscope
- Hands-On on using iRaCe rotary systems
- Hands-On on using iRaCe rotary systems
- Hands-On on using iRaCe rotary systems
- Hands-on on using endodontic rotary system
- Hands-on on using endodontic rotary system
- Hands-on on using Rotary System
- Hands-on; Removal of intra-canal fractured instruments using ultrasonics.
- Obturation of root canal system by Vertical Compaction
- Hand-on on Rot Canal Cleaning & Shaping using Rotary System
- Hands-on: Endodontic re-treatment (fractured instruments & intra-post retrieval)
- Hands-on: Endodontic re-treatment (fractured instruments & intra-post retrieval).

Endodontic Professional Diploma (Module-1),  
Mastery Academy, KSA, 9-10<sup>th</sup> Oct 2020

Kader Academy, Riyadh, Saudi Arabia, 27-28<sup>th</sup>  
Dec 2019,

Jeddah, Saudi Arabia, 22<sup>nd</sup> Nov 2019

Jeddah, Saudi Arabia, 18<sup>th</sup> Oct 2019

Alfarabi College of Dentistry, Riyadh, KSA  
23-34<sup>th</sup> Feb 2018, Riyadh, Saudi Arabia

Al-Ehssa, SA, 7<sup>th</sup> October, 2017

Al-Khobar, SA, 5<sup>th</sup> October, 2017

Dammam, SA, 6<sup>th</sup> Ocyober, 2017

Madina Endodontic Scientific Day, 25<sup>th</sup> Feb 2017

Makkah Endodontic scientific Day, 7th Feb 2016

Jeddah Scientific Day, 10 April 2015

Marmara University, Istanbul, Turkey. 31<sup>st</sup>  
August, 2012)

23<sup>rd</sup> Oct 2010, Dental School, The Ludwick-  
Maximilians University, Munich, Germany

Endodontic Scientific Day 24th Sep 2010, Dental  
School, The Ludwig-Maximilians University,  
Munich, Germany

Cardiff University (Wrexham Medical Institute), 3<sup>rd</sup>  
Feb 2010

Cardiff University (Wrexham Medical Institute),  
14<sup>th</sup> May 2008

## **V. Teaching Experience (1999 – 2021)**

### **1. Responsibilities & Appointments**

**Director of Pre-clinical Endodontic Course**      **College of Dentistry, Taibah University, Kingdom of Saudi Arabia**      **Sep 2020-June 2021**

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 2019-Jun 2020**

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**

**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 2014-2022**

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 2014-2019**

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

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,**                      **Sep 2012-2016**  
**Kingdom of Saudi Arabia**

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**                      **College of Dentistry, Dammam University,**                      **Apr 2011-2017**  
**Professor**    **Kingdom of Saudi Arabia**

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,**                      **Sep 2011- June 2012**  
**Kingdom of Saudi Arabia**

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

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

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**                      **Feb 2010–Aug 2010**  
**Manchester, United Kingdom**

I assisted postgraduate's 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                      Aug 2008–Mar 2010**  
**learning (CEEBL), Manchester, UK**

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 2020-Jun 2021
Pre-clinical endodontics course	Taibah University College of Dentistry	Sep 2020- Jun 2021
Clinical endodontics course	Taibah University College of Dentistry	Sep 2019-Jan 2020
Pre-clinical endodontics course	Taibah University College of Dentistry	Sep 2019-May 2020
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)  
15<sup>th</sup> May 2013, College of Dentistry, Taibah University
- MCQs Constructions & Blueprint Construction and Assessment Tools workshop  
26<sup>th</sup> April 2013, College of Dentistry, Taibah University, KSA
- Moog SimoDont Trainer demonstration & hands-on  
5-6<sup>th</sup> March 2013, *College of Dentistry, Taibah University, KSA*
- Review of The Standards for Dental Infection Control  
College of Dentistry, Taibah University, KSA, 21<sup>st</sup> Feb 2013
- Course Portfolio  
College of Dentistry, Taibah University, KSA, 2<sup>nd</sup> Jan 2013
- Course Report  
College of Dentistry, Taibah University, KSA, 2<sup>nd</sup> Jan 2013
- Workplace-based Assessment  
Taibah University, KSA, 31<sup>st</sup> Dec 2012
- Assessment Strategies & Exam Policy  
College of Dentistry, Taibah University, KSA, 10<sup>th</sup> December 2012
- Programme & Course Specifications in Medical Education Workshop  
Taibah University, KSA, 8-9<sup>th</sup> December 2012
- JUSUR e-learning system Workshop  
College of Dentistry, Taibah University, KSA, 6<sup>rd</sup> December 2012
- Teaching Strategies in Medical Education workshop  
College of Dentistry, Taibah University, KSA, 3<sup>rd</sup> December 2012
- R4 Clinical & System Training Course  
College of Dentistry, Taibah University, KSA, 17-19<sup>th</sup> September 2012
- Teamwork & Leadership Development  
Manchester, United Kingdom, 31<sup>st</sup> Jul, 2010
- Writing and Dissemination workshop  
CEEBL, Manchester University, 13<sup>th</sup> May 2009
- Sustainable Development Symposium  
CEEBL, Manchester University, 15<sup>th</sup> Dec 2008
- CEEBL Project Holders Meeting  
CEEBL, Manchester University, 24<sup>th</sup> Sep 2008
- PBL Facilitator Training: School of Medicine  
CEEBL, Manchester University, 19<sup>th</sup> Sep 2008

- Graduate Teaching Assistants Manchester University, 24<sup>th</sup> Dec 2006
- First Year Workshop “Communication Skills” Manchester University, 6<sup>th</sup> Jun 2006
- Effective Presentation Skills “Part-II” Manchester University, 5<sup>th</sup> Dec 2005
- Effective Presentation Skills “Part-I” Manchester University, 29<sup>th</sup> Nov 2005

#### 4. Statement on Teaching

As an endodontist, 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. Therefore, I believe “*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 & College of Dentistry, Taibah University, Sep 2013-Sep 2015**  
**Collaboration Coordinator KSA**

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

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

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.

**Chairman**

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**

Professor	Taibah University, Al-Madina Munawarah, KSA	2021
Associate Professor		Nov 2016-Sep 2021
Research Ethics Committee	Taibah University, Al-Madina Munawarah, KSA 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 M. El-Ma'a'ita, **Ahmad A. Madarati**, Mohammad M. Al-Rabab'ah, Mohammad M. Hammad, Ibrahim Abu Tahun. Patients' mouth opening as a factor for discomfort during maxillary buccal infiltration anesthesia: A randomized clinical trial and survey of opinion. Saudi Endod J 2022; 12:50-5.
2. Ahmad M El-Ma'a'ita, Areen K Afghani, **Ahmad A Madarati**, Mohammad M Hammad, Yazan Hassona. Antibiotic Prescription Practice in Endodontics; A Cross Sectional Study. Journal of International Dental and Medical Research. 2020; 13 (4). [http://www.jidmr.com/journal/wp-content/uploads/2020/12/23-XD20\\_1291\\_Ahmad\\_M\\_El\\_Ma\\_aita\\_Jordan.pdf](http://www.jidmr.com/journal/wp-content/uploads/2020/12/23-XD20_1291_Ahmad_M_El_Ma_aita_Jordan.pdf)

3. Rami H Kaddoura, **Ahmad A Madarati**. Management of an over-extruded fragment in a C-shaped root canal configuration: A case report and literature review. Journal of Taibah University Medical Sciences. 2020 Jul 26;15(5):431-436. doi: 10.1016/j.jtumed.2020.07.001.  
<https://www.sciencedirect.com/science/article/pii/S1658361220300962?via%3Dihub>
4. Rami Kaddoura, **Ahmad A Madarati**, Mouhammad AL Tayyan. Shaping Ability of Different Single-File Rotary Systems in Simulated S-shaped Canals by a New Investigation Approach; An in vitro study. Saudi Endodontic Journal. (Accepted)
5. **Ahmad Madarati**. Usage of Image-enhancement' Tools When Reading Radiographs Taken During Root-Canals Treatments' Procedures. European Endodontic Journal. 2020 Feb 13;5(2):94-104. doi: 10.14744/eej.2019.62634.
6. **Ahmad Madarati**. Implementation of Digital Radiography during Root Canal Treatments in Saudi Endodontic and General Dental Practice. European Endodontic Journal 2020 Feb 13;5(2):86-93. doi: 10.14744/eej.2019.41713.
7. **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.
8. 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/eej.2019.49369
9. **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>
10. **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>

11. **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>
12. **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>
13. **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*. 2017; 12(5): 455-60.  
<https://www.sciencedirect.com/science/article/pii/S1658361217300926>
14. **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>
15. **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>
16. **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>
17. **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>
18. **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>

19. **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>
  
20. **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>
  
21. **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)
  
22. **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%20impact%20of%20fractured%20endodontic%20file%20removal%20on%20vertical%20root%20fracture%20resistance:%20three-dimensional%20finite%20element%20analysis](http://www.ejprd.org/view.php?journal_id=86&article_id=625&search_terms=The%20impact%20of%20fractured%20endodontic%20file%20removal%20on%20vertical%20root%20fracture%20resistance:%20three-dimensional%20finite%20element%20analysis)
  
23. **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>
  
24. **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>
  
25. **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>
  
26. **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>
  
27. **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)

28. **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)
29. **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)
30. **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>
31. **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>
32. **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>
33. **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, 16-18<sup>th</sup> 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 11<sup>th</sup> Makkah International Dental Conference, Makkah, Saudi Arabia, 1-3<sup>rd</sup> 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 11<sup>th</sup> Makkah International Dental Conference, Makkah, Saudi Arabia, 1-3<sup>rd</sup> 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, 12-14<sup>th</sup> 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. Rodrigguez 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 (20<sup>th</sup> European Dental Materials Conference, 27-28<sup>th</sup> 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*
- *Saudi endodontic Journal*
- *EDORIUM Journal of Dentistry*

## **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 & Webinars**

1. 10 Clinical Tips for Safe and More Predictable Daily Endo. Webinar 6<sup>th</sup> April 2021. Iraqi endodontic Society.
2. Heart-to heart Chat about Daily Endo Dilemmas (webinar). 30<sup>th</sup> March, 2021. DurrDental.
3. Instruments Action; Know It Better for Less Fracture (webinar). The Second Excellence in Endodontics Online Conference. 4<sup>th</sup> September 2020.
4. Fractured Files Management; the Hidden Facts (webinar). 5 Quartz & Excellence in Endodontics Facebook groups. 8<sup>th</sup> May 2020.
5. Fate of Broken Files (webinar). Moroccan Dental Association & Tawassol Facebook group. 14<sup>th</sup> May 2020.
6. Simple Tips and Lessons for Excellent Endodontics (webinar). Syrian Dental Syndicate (Aleppo Branch) & Excellence in Endodontics group. 3<sup>rd</sup> May 2020.



7. Complications of Fractured Instruments Management; Science versus Clinical Practice (webinar). The 2<sup>nd</sup> Jordanian Endodontic Symposium and the 3<sup>rd</sup> Excellence in Endodontics Online Conference. 25<sup>th</sup> Oct 2020.
8. Broken Instruments Clinical Session (webinar with Dr Ove Peters and Dr Jose Aranguren). EndoBrussels webinars series. 14<sup>th</sup> Dec 2020.
9. Clinical Tips for Safe Cleaning & Shaping (webinar). Global Summits Education. 18<sup>th</sup> Oct 2020.
10. Lessons for Your daily Endo Practice (webinar). Zumax Academy. 28<sup>th</sup> April 2020
11. 20 reasons for a Must Dental Dam Isolation (webinar). Annual Conference for Specialist Dental Centre in Dammam. 11<sup>th</sup> May 2020.
12. Management of Fractured Files Complications; Clinical Practice Versus Science (webinar). 1<sup>st</sup> DELTA International Dental Conference. 18<sup>th</sup> Sep 2020.
13. Instruments Fracture; Know It Better, Encounter It Less (webinar). Dental Reach Digital Conference 2020. 7<sup>th</sup> Nov 2020.
14. Heart-to- heart Chat in Endodontics (webinar). Mastery Academy & Excellence in Endodontics Facebook group. 17<sup>th</sup> June, 2020.
15. Lessons from Endodontic Daily Practice (webinar). Sankalchand Patel University & Arsh Academy of Dental Excellence. 24<sup>th</sup> July, 2020.
16. Tips & Lessons from Clinical Cases for Daily Endo Practice (webinar). Lebiyan Dental association & Dentists Got Talent Facebook group. 19<sup>th</sup> May, 2020.
17. A Dozenn of Tips, Tricks and Secrets for Daily Endodontics. Saudi Endodontic Society. 25<sup>th</sup> April, 2020.
18. Wrap It Up; Greater Success, Less pain, Safer Procedures, Better Income. Moroccan Dental Association (Tawassol Facebook group). 31<sup>st</sup> June, 2020.
19. Root Canal Systems; Clinical tips for a journey from tiny spots to well-shaped and cleaned spaces. The 6<sup>th</sup> Pan Arab Endodontic Conference. 23-25<sup>th</sup> Jan. Marrakesh, Morocco.
20. Rubber Dam isolation; a luxury or must in endodontics. The 16 International Conference of College of Dentistry, Baghdad University. 23-25<sup>th</sup> Feb 2019, Baghdad Iraq
21. No Rubber Dam, No Endodontics (webinar). Online Dentistry Facebook group. 26<sup>th</sup> Dec 2019.

22. Fundamentals of Shaping and Cleaning of Root Canal Systems and MicroSonic for Advanced Endodontics; Series of lectures (Full day) for Advanced Endodontic course. 23-34<sup>th</sup> Feb 2018, Riyadh, Saudi Arabia
23. Strategic & Clinical Tips to Reduce Instruments Fracture. The 5<sup>th</sup> Baghdad Endodontic Conference. Baghdad, Iraq; 15-17<sup>th</sup> Feb 2018.
24. Single use of endodontic instruments: is it enough to prevent instruments fracture? Pan Arab Endodontic Conference (PAEC), 6-8<sup>th</sup> December 2017, Cairo, Egypt.
25. Effective Cleaning & Shaping of Root Canal System: The Harmony between Fundamentals and Contemporary Rotary Systems. Al-Ehssa, 7<sup>th</sup> October 2017 (FKG, Saudi Arabia).
26. Effective Cleaning & Shaping of Root Canal System: The Harmony between Fundamentals and Contemporary Rotary Systems. Dammam, 6<sup>th</sup> October 2017 (FKG, Saudi Arabia).
27. Effective Cleaning & Shaping of Root Canal System: The Harmony between Fundamentals and Contemporary Rotary Systems. Al-Khobar, 5<sup>th</sup> October 2017 (FKG, Saudi Arabia)
28. How to reduce fracture of endodontic instruments during your daily practice. The First Online Dentistry Scientific Lectures (a Webinar Lecture). July 2017.
29. Access Cavity Preparation: your first step towards successful endo, Madina Scientific Day, 25<sup>th</sup> Feb 2017. 2017
30. How to prepare Curved Root Canals, Madina Scientific Day, 25<sup>th</sup> Feb 2017
31. How Many time an endodontic file can be used before it fractures: is it the correct question? AEEDC, Dubai 7<sup>th</sup> February 2017
32. Access Cavity Preparation: your first step for successful endodontics; Makkah Endodontic scientific Day, 7<sup>th</sup> Feb 2016.
33. Cleaning and Shaping of the root canal system: an easy and complications-free game; Makkah Endodontic scientific Day, 7<sup>th</sup> Feb 2016.
34. Fracture of endodontic files: reasons and management; Makkah Endodontic scientific Day, 7<sup>th</sup> Feb 2016.
35. Endodontic Fractured Instruments: reasons, Prevention and Management Options. The 4<sup>th</sup> Pan Arab Endodontic Conference, Tunisia, 29-31<sup>st</sup> October 2015
36. Intra-canal Separation of Endodontic Files: A Complex Accident Versus Simple Preventive Procedures (a Webinar Lecture). The 1<sup>st</sup> International Dental Online Conference, 2015

37. The First Intra-canal Fracture of Instruments; What Should a Dentist Do (The 18<sup>th</sup> APEC congress and The 4<sup>th</sup> Jordanian Endodontic Society meeting, Amman, Jordan 8-10<sup>th</sup> April 2015)
38. Management of Necrotic Pulp with Apical Abscess: Experience of Practitioners in Western Province/SA (The 11<sup>th</sup> Makkah International Dental Conference, 31st March – 2<sup>nd</sup> April 2015)
39. Fracture of root canal instruments: what should a dentist do about it? (The Monthly Scientific meeting of the Saudi Dental Society, Makkah branch; 15<sup>th</sup> Nov 2013).
40. Temperature generated on the external root surface during staging platform-preparation for removal of fractured instruments (16<sup>th</sup> ESE Biennial Congress, Lisbon, Portugal, 12-14<sup>th</sup> Sep 2013)
41. 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-Munawwarah branch; 27<sup>th</sup> Jun 2013).
42. Management of Intra-canal Fractured Instruments: Influencing Factors, Complications & Decision Making Process. (The Monthly Scientific meeting of the Saudi Dental Society, Al-Madinah Al-Munawwarah branch, 27<sup>th</sup> June 2013).
43. Peer-review journal publications: First Scientific Day of College of Dentistry, Taibah University. 1<sup>st</sup> Jun 2013, College of Dentistry, Taibah University, KSA
44. Intra-canal fractured instruments: to remove or to leave; it is more than one question!. International Scientific Congress of Dentistry of Marmara University, 30<sup>th</sup> Aug- 1<sup>st</sup> Sep 2012, Istanbul, Turkey)
45. Management of Endodontic Fractured Instruments (Second Pan Arab Endodontic Conference, 11-14<sup>th</sup> Jan 2012, Dubai, United Arab Emirates)
46. Endodontic fractured instruments; what are the best treatment options? (Saudi Dental Society Monthly meeting, Dammam branch, 25<sup>th</sup> Oct 2011, College of Dentistry, University of Dammam, Kingdom of Saudi Arabia)
47. Endodontic fractured instruments; the WHAT and the HOW (Academic Staff Meeting, 30 Sep 2010, Faculty of Dentistry, the Ludwig-Maximilians University, Munich, Germany)
48. Reinforcing roots after unsuccessful fractured-instrument removal using new filling materials (IADR, 14-17<sup>th</sup> Jul 2010, Barcelona, Spain)
49. How to reinforce teeth after attempt at removal of fractured instruments (Syrian British Medical Society research meeting, 9<sup>th</sup> May, 2010, London, United Kingdom)

50. Endodontists experience using ultrasonics for removal of intra-canal separated instruments. Oral Presentation (Postgraduate Research in Science Medicine, PRISM, 30<sup>th</sup> Oct 2009, Manchester, United Kingdom)
51. Vertical fracture resistance of roots after ultrasonic removal of fractured files. Poster presentation (20<sup>th</sup> European Dental Materials Conference, 27-28<sup>th</sup> Aug 2009, Manchester, United Kingdom)
52. Enquiry-Based Learning, Do we need it? Oral presentation (Student Voice Conference, 25<sup>th</sup> Mar 2009, Manchester, United Kingdom)
53. Reducing temperature rise on root-surface during ultrasonic-removal of fractured files. Poster presentation (IADR, 1-4<sup>th</sup> Apr 2009, Miami, USA)
54. Root-Canal Volume-Changes after Fractured File Removal Assessed by Micro Computerised-Tomography. Oral presentation (The PEF of the IADR, 10-12<sup>th</sup> Sep 2008, London, United Kingdom)
55. Potential Hazardous temperature-rise at root surface during ultrasonic-removal of fractured files. Oral presentation (IADR, 2-5<sup>th</sup> Jul 2008, Toronto, Canada,)
56. 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, 8<sup>th</sup> Mar 2008, London, United Kingdom)
57. Opinions and attitudes of endodontists and general dental practitioners in the UK towards the intracanal separation of endodontic files: Oral presentation (The 13<sup>th</sup> Biennial Congress of the European Society of Endodontology, 8<sup>th</sup> Sep 2007, Istanbul, Turkey)
58. Survey on the separation of endodontic files: Oral Presentation (Postgraduate Research Presentation Day, School of Dentistry, 11<sup>th</sup> Jul 2007, The University of Manchester, United Kingdom)
59. Coronal Seal of Root Filled Teeth Restored With Temporary Materials: Poster presentation (The PEF of the IADR, 15<sup>th</sup> Sep 2006, Dublin, Ireland).
60. Radiology in Endodontics. Oral Presentation (MSc and PhD Students Seminars, 4<sup>th</sup> Oct 2001, Damascus University Dental School, Syria)
61. Crown-Down Technique. Oral presentation (MSc and PhD Students Symposium. Oral Presentation (6<sup>th</sup> March 2000, Damascus University Dental School, Syria)

62. Restoration of Endodontically Treated Teeth. Oral Presentation (The Postgraduate Students Presentation Day, 13<sup>th</sup> Apr 1999, Damascus University Dental School, Syria)

## **XII. Conferences & Meeting Attended**

1. The 5<sup>th</sup> Iraqi Endodontic Society Conference. 16-17<sup>th</sup> Feb 2018, Baghdad, Iraq.
2. 5<sup>th</sup> Pan Arab Endodontic Conference, Cairo, Egypt, 6-8<sup>th</sup> December 2015
3. AEEDC, Dubai 6-8<sup>th</sup> February 2017
4. Pan Arab Endodontic Conference, Tunisia, 29-31<sup>st</sup> October 2015
5. The 11<sup>th</sup> Makkah International Dental Conference. Makkah, Saudi Arabia; 1-3<sup>rd</sup> April 2014.
6. The Monthly Scientific meeting of the Saudi Dental Society, Makkah branch; 15<sup>th</sup> Nov 2013.
7. The 16<sup>th</sup> European Society for Endodontology Biennial Congress, Lisbon, Portugal, 12-14<sup>th</sup> Sep 2013
8. The Saudi Dental Society monthly meeting, -Madinah Al-Munawwarrah branch; 27<sup>th</sup> Jun 2013)
9. The 2<sup>nd</sup> MaxiCare Implant Course, Al-Madinah Al-Munawwarrah 20-21 June 2013
10. The First Endodontic Scientific Day, Western Branch. Al-Madinah Al-Munawarra, 18<sup>th</sup> April, 2013.
11. International Scientific Congress of Dentistry of Marmara University, 30<sup>th</sup> Aug- 1<sup>st</sup> Sep 2012, Istanbul, Turkey)
12. The 10<sup>th</sup> Annual Dental Symposium "Dentistry in the Evidence-Based Practice Era" (2-3<sup>rd</sup> May, 2012, Dammam University, KSA)
13. The Saudi Dental Society Monthly meeting, Eastern Province (Practical Tips in Prosthodontics) 16<sup>th</sup> April 2012, College of Dentistry, University of Dammam, KSA.
14. Developing Interactive Learning Instructions in COD (13<sup>th</sup> 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") (2<sup>nd</sup> 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” ( 31<sup>st</sup> January, 2012, College of Dentistry, University of Dammam, KSA)
17. Second Arab Endodontic Conference, 11- 14<sup>th</sup> January, 2012, Dubai, United Arab Emirates)
18. Future Trends in Biomedical Engineering College of Engineering (1<sup>st</sup> January 2012, University of Dammam, KSA)
19. The First Meeting of Traffic Safety (12 and 13<sup>th</sup> December, 2011, Dammam, KSA)
20. The Saudi Dental Society Monthly meeting (Eastern Province ), 25<sup>th</sup> 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, 19<sup>th</sup> May 2011)
22. The 9<sup>th</sup> Annual Dental Symposium (2<sup>nd</sup> – 4<sup>th</sup> May, 2010, University of Dammam, KSA)
23. The 4<sup>th</sup> Saudi International Conference (30- 31<sup>st</sup> July, 2010, Manchester, United Kingdom).
24. The International Association for Dental Research (IADR) meeting (14 -17<sup>th</sup> July, Barcelona, Spain),
25. Syrian British Medical Society research meeting, 9<sup>th</sup> May, 2010, London, United Kingdom
26. The Annual Scientific Conference of the Syrian Dental Association, 13-14<sup>th</sup> March 2010, Damascus, Syria)
27. Postgraduate Research in Science Medicine, PRISM, (30<sup>th</sup> Oct 2009, Manchester, United Kingdom)
28. Manchester Medical Society meeting (the future of facial transplantation, 23<sup>rd</sup> Oct 2009 Manchester, UK
29. The 20<sup>th</sup> European Dental Materials Conference (27- 28<sup>th</sup> Aug 2009, Manchester, United Kingdom)
30. LTEA and Reading Teaching and Learning Conference (14-5<sup>th</sup> Jul 2009, Reading, United Kingdom)
31. The International Association for Dental Research meeting (1-4<sup>th</sup> Apr 2009, Miami, USA)
32. CEEBL Student Voice Conference (25<sup>th</sup> March 2009, Manchester, United Kingdom)
33. The International Association for Dental Research meeting (2–5<sup>th</sup> Jul 2008, Toronto, Canada)
34. The British Endodontic Society Spring Scientific Meeting (7–8<sup>th</sup> Mar 2008, London, UK)

35. Dental Pan Society Conference (16–17<sup>th</sup> Nov 2007, Birmingham , United Kingdom)
36. Manchester Medical Society meeting “Aesthetics and Dentistry” (7<sup>th</sup> Nov 2007, Manchester, UK)
37. The Ultimate Bleaching Seminar (1<sup>st</sup> October 2007, Manchester, United Kingdom)
38. 13th The European Society of Endodontology meeting (6-8<sup>th</sup> Sep 2007, Istanbul, Turkey)
39. Manchester Medical Society meeting “Diagnostic dilemmas in facial pain” (30<sup>th</sup> Apr 2007, Manchester, United Kingdom)
40. SKYSCAN User Meeting 2007 (17– 19<sup>th</sup> Apr 2007, Brugge, Belgium)
41. The British Endodontic Society meeting (10<sup>th</sup> Mar 2007, London, United Kingdom)
42. Biomechanics Research Day (1<sup>st</sup> Mar 2007, Manchester, United Kingdom)
43. The LaVision User Group Meeting 2007 (28<sup>th</sup> Feb 2007, LaVision UK Ltd, Oxon, , UK)
44. The British Endodontic Society Meeting-(24–25<sup>th</sup> Nov 2006, Newcastle, United Kingdom)
45. Manchester Medical Society meeting “Current Guidelines in Dentistry” (1<sup>st</sup> Nov 2006, Manchester, UK)
46. The Association of Basic Science Teachers in Dentistry & British Conservative Dentistry Teachers meeting (11–13<sup>th</sup> Sep 2006, Dublin, Ireland).
47. International Symposium by The Cochran Oral Health Group-Manchester “Evidence For Up-to-Date Clinical dental practice” (30 - 31<sup>st</sup> May 2006, Manchester, United Kingdom)
48. Manchester Medical Society and the Royal College of Surgeons of Edinburgh, Faculty of Dental Surgery joint meeting (24<sup>th</sup> Apr 2006, Manchester, United Kingdom)
49. The British Endodontic Society meeting (10 -11<sup>th</sup> Mar 2006, London, United Kingdom)
50. The British Endodontic Society meeting (25 -26<sup>th</sup> Nov 2005, Manchester, United Kingdom)
51. The First Conference of Syrian Dental Specialized Associations (18–20<sup>th</sup> Jun 2002, Damascus, Syria)
52. The 10th Congress of Arab Dental Organizations & the 13th International Scientific Congress of the Syrian Dental Association (23- 25<sup>th</sup> Sep 2001, Damascus, Syria).
53. The third Conference of the Syrian Endodontics Society (12-14<sup>th</sup> Apr 2000, Damascus, Syria)

### **XIII. Conferences & lectures Arranged**

I have arranged SIX online conferences, including 58 webinars, in which many well-known international speakers and figures in the field of endodontics shared their knowledge and expertise to members in the Excellence in Endodontics group (Facebook platform).

1. The Coxo & Excellence in Endodontics Webinar Series April-June 2021)
2. The 1<sup>st</sup> Excellence in Endodontics Online Conference (27 – 28<sup>th</sup> Mar 2020)
3. The 2<sup>nd</sup> Excellence in Endodontics Online Conference (26<sup>th</sup> Jun – 4<sup>th</sup> Sep 2020)
4. The 3<sup>rd</sup> Excellence in Endodontics Online Conference & The 2<sup>nd</sup> Jordanian Endodontics Symposium (23 – 27<sup>th</sup> Oct 2020).
5. The 4<sup>th</sup> Excellence in Endodontics Online Conference (20 Nov – 20<sup>th</sup> Dec 2020)
6. The Syrian Excellence in Endodontics Online Conference (24<sup>th</sup> Dec 2020 – 1<sup>st</sup> Jan 2021).

### **7. Awards & Prizes**

- Listed as one of the TOP 100 Doctors (2020) by the Global Summit Education.
- 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, 9<sup>th</sup> 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 (30<sup>th</sup> 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, 1<sup>st</sup> May 2013
- Design an Electronic Survey  
Taibah University, KSA, 24<sup>th</sup> April 2013
- JUSUR e-learning system Workshop  
Taibah University, KSA, 6<sup>th</sup> December 2012
- Teamwork & Leadership Development  
Manchester, United Kingdom, 31<sup>st</sup> Jul, 2010
- Writing and Dissemination workshop  
CEEBL, Manchester University, 13<sup>th</sup> May 2009
- Sustainable Development Symposium  
CEEBL, Manchester University, 15<sup>th</sup> Dec 2008
- CEEBL Project Holders Meeting  
CEEBL, Manchester University, 24<sup>th</sup> Sep 2008
- Research Methods and Statistics  
Manchester University, Sep 2005-Mar 2006
- Developing The Postgraduate Manager  
Manchester University, 20 to 22<sup>nd</sup> Jun 2006
- First Year Workshop “Communication Skills”  
Manchester University, 6<sup>th</sup> Jun 2006
- Effective Presentation Skills “Part-II”  
Manchester University, 5<sup>th</sup> Dec 2005
- Effective Presentation Skills “Part-I”  
Manchester University, 29<sup>th</sup> 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 (upon request)**