



D r . H A T E M M . E L - D A M A N H O U R Y

Current Position: Associate Professor and Discipline Coordinator of Restorative Dentistry, Department of Preventive and Restorative Dentistry, College of Dental Medicine. Assistant Director, University Dental Hospital – Sharjah

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SUMMARY

An Expert in Restorative Dentistry, with more than 20 years of experience in Academia, Research and Clinical Practice. Helped in the development of the curriculum of undergraduate and postgraduate Restorative Dentistry Programs, including Operative Dentistry, Cariology and Dental Materials in both Suez Canal University and University of Sharjah following the latest educational methodology and state of the art technological teaching aids. Significantly contributed to the development and administration of accreditation standards that foster continuous quality improvement of the Restorative Dentistry programs at the University of Sharjah.

My research work in dental biomaterials, cariology, novel restorative materials and preparation designs, have been published in many reputable international journals and conference proceedings. Long clinical experience in comprehensive care dentistry, treatment planning and decision making, with a special interest in aesthetic dentistry, adhesive restorations, ceramics, lasers and dental CAD/CAM. Invited Speaker in many international and regional conferences and a certified trainer that contributed to many CPD courses and workshops in the field of Aesthetic dentistry, restorative dentistry, microscopic endodontics, dental lasers and dental CAD/CAM.

EDUCATION

- 04/2008 • **Doctoral Degree of Dental Sciences (DDSc)**, (Operative Dentistry) Joint Supervision Post-Graduate Program, School of Dentistry, Indiana University, USA - Faculty of Dentistry, Suez Canal University, Egypt. Thesis Title: "An Assessment of Novel Low-Shrinkage Resin Composite Restoratives".
- 07/2003 • **Master's Degree of Restorative Dental Sciences (MDS)**: Post-Graduate Restorative Dentistry Program, Faculty of Dentistry, Suez Canal University, Egypt. Thesis Title: "Effect of Soft-Start Polymerization on Depth of Cure and Flexure Strength of Ormocer and Resin Composite".

05/1997

- **Bachelor Degree of Oral and Dental Medicine and Surgery (BDS):** with the degree of honour, Faculty of Oral and Dental Medicine, Cairo University, Egypt.

PROFISSIONAL CERTIFICATIONS

11/2007

- **Board Certified, American Board of Operative Dentistry (ABOD), USA.** Successfully completed all phases of certification program (theory, clinical and oral exams and full-mouth Rehabilitation Cases)

03/2012

- **CEREC Certified Trainer,** International Society of Computerized Dentistry (ISCD), Austria.

09/2010

- **Laser Safety Officer Certification,** Sharjah University Laser Training and Research Center (SULTARC).

07/2007

- **American National Dental Board Certification.** The American Dental Association (ADA – Joint Commission on National Dental Examinations), USA.

CURRENT POSITION AND RESPONSIBILITIES

11/2009 – current

Associate Professor of Restorative Dentistry and Course Coordinator of the following courses:

Undergraduate courses: Dental Clinical Practice II

Postgraduate courses: - Aesthetic Dentistry

- Basic Fixed Prosthodontics: Adhesive prosthetics

- MSc - Basic Fixed Prosthodontics Aesthetic Dentistry

- Prosthodontic Literature Review IV

- Prosthodontic Patient Care IV

Responsibilities include:

1. Teaching lectures of pre-clinical and clinical Operative Dentistry and supervising undergraduate students in laboratory and clinical practical components of Dental Clinical Practice streams 1 and 2.
2. Create and facilitate a classroom climate that is conducive to student learning and academic integrity.
3. Facilitate course development through reflection and student evaluations.
4. Supervise teaching assistants assigned to the course.
5. In consultation with the department head, select appropriate faculty instructors to ensure satisfactory course delivery.
6. Develop a meaningful and connected topic sequence and schedule in consultation with other instructors involved in the course.
7. Provide students with course syllabus that includes broad course objectives, course schedule, grading policy, expectations of academic integrity, policy for missed exams, etc.
8. Coordinate course activities including the development of innovative teaching strategies and maintain course information on the UoS Blackboard website.
9. Assure that course content allows student achievement of objectives associated with that course.
10. Organize and hold meetings of the course instructors to discuss issues affecting student learning, testing and other classroom issues.
11. Organize and hold periodic meetings with the class representatives for the course to obtain constructive student feedback.
12. Evaluate student achievement.
13. Select assessment methods and test format appropriate to course objectives.

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14. Monitor student progress.
15. Grade assignments, quizzes, and tests.
16. Record and assign final grades in consultation with other course faculty instructors.
17. Complete the end of course reports and course files in accordance with the college guidelines for accreditation.

09/2017 – current

Director of the Center of Excellence, University Dental Hospital – Sharjah (UDHS)

Sharjah, UAE. Responsibilities include:

1. In charge of oversight of clinical practices, oversees regulatory compliance, safety and standards of care, and shall be responsible for the administrative practices relevant to the clinic.
2. Developing, maintaining and implement formal clinic policies and procedures; guide dentists and professional staff to deliver consistent standards of care according policies and assuring clinical practices are above reproach and of the highest quality;
3. Providing feedback in the interview process and orient and train new professional staff;
4. Evaluating the professional staff to insure performance goals related to production, clinical quality and regulatory compliance are met;
5. Participation in board and management meetings and annual planning processes to support objectives and implementation of the strategic plan;
6. Collaboration with the Operations Director and other clinic management to ensure smooth operation of clinic and programs including staffing and patient visit ratios, scheduling, cost-benefit of programs; advise on facilities and equipment purchases and repairs;
7. Participation in the UDHS executive and Advisory boards to enhance working relationships with the local dental community who provide with external oversight of clinic practices;
8. Enhancing and maintaining quality assurance reviews on a regular bases; and develop strategies to seek international accreditation in quality assurance such as (JCI and Canadian accreditation).
9. Represent Dientes at community meetings and events, as requested;
10. Manage other duties as assigned.

11/2009 – current

Restorative Dentistry Consultant, Center of Excellence, University Dental Hospital Sharjah (UDHS). Responsibilities include:

1. Seeing complex rehabilitation restorative dentistry cases on regular bases.
2. The clinical experience is focused on Comprehensive Care Dentistry, Treatment Planning and Decision making, with a special interest in Aesthetic and Adhesive Restorations, Ceramics, Endodontics, Fixed Prosthodontics, Dental CAD/CAM and Dental Lasers.

09/2015 – Current

College Council Member, College of Dental medicine, University of Sharjah. Sharjah, UAE. Responsibilities include:

1. Oversee academics, instruction, administrative and financial affairs, as well as student affairs, in accordance with the policies set by the Board of trustees and within the provisions of the university's By-Laws.
2. Provides representative leadership for college-wide plans, including the Strategic Plan, the Educational Master Plan, the Facilities Master Plan, and the Technology Master Plan, and college goals and initiatives.

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3. Reviews and revises as necessary the college mission statement and philosophy statement and is responsible for college wide implementation.
4. Serves as the final recommending body to the Chancellor on college-wide policies
5. Recommends annual and multi-year college objectives and goals (from the DVC Strategic Plan) and leads in their implementation
6. Participates in a comprehensive review (using an approved procedure, timeline and rubric) of the effectiveness and inclusiveness of the College Council.
7. Reviews requests and proposals from college committees for final recommendation to the University Chancellor.
8. Works closely with reporting committees to ensure work is aligned with college goals and plans.
9. Monitors the effectiveness of the college committee structure. Receives and makes recommendations on the formation of new college committees or the continuation of existing committees.

11/2009 – current

Contributor, Clinical Operative Dentistry Module of Dental Clinical Practice 3, 4A and 5A streams, College of Dentistry, University of Sharjah. Responsibilities include:

1. Teaching theoretical component in form of lectures, presentations and student's assignments
2. Supervising and assisting undergraduate students in clinics during preliminary examination, risk assessment, diagnosis, treatment planning and conduction various direct and indirect restorative treatment procedures.
3. Continuous assessment of student's performance in the clinics through structured evaluation forms for general and procedural assessment
4. Preparation and holding clinical and practical competency exams.
5. Preparation and grading of final exams and exit exam for graduating students in form of MCQ, MEQ, OSCE and Viva.

01/2017 – 09/2017

Curriculum Development and Accreditation of the MSc program in Restorative and Esthetic Dentistry at the UoS. Responsibilities include:

1. Coordinated and contributed to the curriculum development of the MSc in Restorative and Esthetic Dentistry postgraduate program.
2. Preparation of all the files and application form for the ministry of higher education initial academic accreditation, as well as respond to reviewers' comments.

11/2009 – current

Academic advisor to a group of 20-25 students every year.

The responsibilities include:

1. Assisting students in their growth and development by continuous and consistent personal contacts between advisor and advisee.
2. Help students define and develop realistic educational career plans through schedule planning for each semester and summer school, if appropriate. Each student should have an up-to-date academic schedule plan through to graduation.
3. Monitor progress toward educational/career goals and meet at least twice each semester to review the progress toward completing the proposed academic program and to discuss grades and other performance indicators.
4. Discuss and reinforce linkages and relationships between instructional program and occupation/career.

5. Follow-up with the advisee on any report of unsatisfactory work (notice of class probation for poor attendance, notice of FA and/or failing grades, incomplete grades from past semester(s), etc.). Special attention should be paid to students who are placed on academic probation.
6. Maintain an up-to-date Advising Portfolio, with a summary record of performance to date (grade reports, transcript, requirements completed, etc.), dates of conferences, notation of special circumstances, up-to-date My Stuff information and details, etc.

09/2016 – Current

Chairperson, Career Counseling committee, College of Dentistry, University of Sharjah. Sharjah, UAE. responsibilities include:

1. Present effective career related workshops and seminars including resume writing, interviewing techniques, job search strategies, graduate school preparation, regulation and preparation for dental licensing within the UAE and the world ... etc.
2. Develop and implement, individually and as a team member, programs and events appropriate to the target audience(s).
3. In collaboration with the counselling team, design and develop new career development activities with input from students, Campus Life colleagues, student interest groups, and feedback from employers.
4. Collaborate with counselling staff to plan and implement career panels and other special events.

09/2016 – current

Member, Curriculum Committee, College of Dentistry, University of Sharjah. Sharjah, UAE.

09/2015 – current

Member, Dental Biomaterials Research Group, Sharjah institute for medical research (SIMR), University of Sharjah. Sharjah, UAE.

09/2010 – 09/2016

Chairperson, Continuing Dental Education and Professional Development Committee, College of Dentistry, University of Sharjah. Sharjah, UAE. responsibilities include:

To support, organize and promote the continuing professional development of dentists and other auxiliary dental professionals within the United Arab Emirates as well as GCC, Middle East and North Africa regions, through organizing CDE events and to promote cooperation between University of Sharjah Dental College and Dental academic and professional Institutes around the world.

09/2017 - current

Member, faculty grievance committee, University of Sharjah. Sharjah, UAE.

09/2011- 09/2014

Responsibilities include:

To determine whether or not a faculty member's terms or conditions of employment at the University, or ability to act in a professional or academic capacity at the University, or academic career, have been substantially harmed as a result of one or more of the claims listed in an appropriately filed grievance.

LICENSES AND MEMBERSHIPS IN SCIENTIFIC AND PROFESSIONAL SOCIETIES

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|---------|--|
| 09/2014 | • International Association for Dental Research (IADR) – UAE Division. |
| 06/2010 | • Specialist Restorative Dentistry License, Ministry of Health, UAE (License # |
| 02/2008 | 71483). |
| 02/2008 | • Academy of Operative Dentistry. |

- 02/2008 • American Board of Operative Dentistry (ABOD).
- 11/2007 • Academy of Dental Materials
- 02/2007 • International Association for Dental Research (IADR).
- 11/1998 • Dental License, Ministry of Health, Egypt (License # 16765).

PREVIOUS TEACHING AND RESEARCH EXPERIENCE

- 09/2008 - 11/2009 • **Lecturer and Course coordinator (Clinical Operative Dentistry I, II, III)**, Department of Operative Dentistry, Faculty of Dentistry, Suez Canal University. Egypt.
- 06/2008 - 11/2009 • **Member, Environmental and Community service committee:** Faculty of Dentistry, Suez canal University, Egypt.
- 02/2009 - 11/2009 • **Part-Time Lecturer**, Department of Operative Dentistry, Faculty of Dentistry, Misr International University (MIU), Cairo, Egypt.
- 01/2009 – 02/2009 • **Visiting Lecturer**, Department of Restorative Dentistry, Faculty of Dentistry, Al-Tahady University, Sert, Libya (lectures and supervision of practical courses)
- 08/2003 – 09/2008 • **Assistant Lecturer**, Department of Operative Dentistry, Faculty of Dentistry, Suez Canal University,
- 01/2006 – 12/2007 • **Visiting Researcher/Scholar**, Department of Restorative Dentistry, Division of Dental Biomaterials, Indiana University - School of Dentistry, Indianapolis, IN, USA.
- 01/2006 - 12/2007 • **Teaching Assistant**, Department of Restorative Dentistry, Indiana University - School of Dentistry, Indianapolis, IN, USA.
- 03/2003 – 08/2003 • **Teaching Assistant (Demonstrator)**, Department of Operative Dentistry, Suez Canal University Faculty of dentistry, Ismalia, Egypt.

PUBLICATIONS AND CONFERENCE ABSTRACTS

- 06/2021 • **Hatem M El-Damanhoury**, Nesrine Elsahn, Soumya Sheela, Amna A. Albasti, Mahmoud J. Jouma, Marwah A. Albadich, Talal Bastaty, Yalda S. Taghva. Impact of Immediate and Delayed Photo-Activation of Self-Adhesive Resin Cements on Bonding Efficacy and Water Uptake Under Simulated Pulpal Pressure. 2021, Accepted for publication, *Operative Dentistry* (SJR-Q1).
- 06/2021 • Saif Al-Qaysi, Abdul Rahman Saleh, **Hatem El-Damanhoury**. Fracture resistance and failure mode of layered translucent zirconia with different crown designs. 2021, Accepted for publication, *The Dental Materials Journal*. (SJR-Q2).
- 02/2021 • **Hatem M El-Damanhoury**, Nesrine A. Elsahn, Soumya Sheela, Talal Bastati. In vitro Enamel Remineralization Efficacy of Calcium Silicate–Sodium Phosphate–Fluoride Salts vs NovaMin Bioactive Glass, Following Tooth Whitening. Accepted for publication. *European Journal of Dentistry*. 2021, Volume 15, Issue 01. DOI: 10.1055/s-0040-1722484 (SJR-Q2)

- 02/2021
- Nesrine A. Elsahn, **Hatem M. El-Damanhoury** and Dina W. Elkassas. Influence of Low-Level Laser Modification and Adhesive Application Mode on the Bonding Efficiency of Universal Adhesives to Er: YAG Laser-Ablated Dentin. *Journal of Lasers in Medical Sciences*, 2021, Volume 12: Page e7 (SJR-Q2).
- 11/2020
- Betul Rahman, **Hatem M El-Damanhoury**, Soumya Sheela, Hien C Ngo. Effect of Calcium Silicate, Sodium Phosphate-Fluoride on Dentinal Tubule Occlusion and Permeability in Comparison to Desensitizing Toothpaste: An In Vitro Study. Accepted for Publication, *Operative Dentistry* 2020. (SJR-Q1).
- 09/2020
- **Hatem M El-Damanhoury**, Nesrine A. Elsahn, Soumya Sheela, Maria D. Gaintantzopoulou. Adhesive Luting to Hybrid Ceramic and Resin Composite CAD/CAM Blocks: Er:YAG Laser versus Chemical Etching and Micro-Abrasion Pretreatment. *Journal of Prosthodontic Research*, Online ahead of print: https://doi.org/10.2186/jpr.jpor_2020_50. (SJR-Q1).
- 03/2020
- **Hatem El-damanhoury**, Nesrine Elsahn, Hanin Al Rubai. Calcium-Silicate Sodium-Phosphate Fluoride Salt Enhances Enamel Remineralization Following Tooth Bleaching Meeting: 2020 IADR/AADR/CADR General Session (Washington, D.C., USA). Presentation ID: 1778
- 03/2020
- **Hatem El-damanhoury**, Nesrine Elsahn, Qoot Alkhubaizi. Air-abrasion and Er:YAG Parameters Influence Repair Durability of Bulkfill Composite. 2020 IADR/AADR/CADR General Session (Washington, D.C., USA). Presentation ID: 0735
- 11/2019
- **Hatem M. El-Damanhoury**, Nesrine A. Elsahn. Post-endodontic restoration: a paradigm shift in concepts and techniques. *Restorative Dentistry and Endodontics*. 2019 Nov;44(Supplement):CR-18.
- 10/2019
- Inas El Zayat, **Hatem El-Damanhoury**, Mohamed Bahgat Hamid, Ahmed Tarek Farouk. "The effect of a novel bleaching protocol on the color change of non-vital anterior teeth: in vitro and in vivo study". 17th International Congress of International Society for Laser Dentistry in Plovdiv, Bulgaria.
- 10/2019
- Inas El Zayat, **Hatem El-Damanhoury**, Mohamed Bahgat Hamid, Ahmed Tarek Farouk. "The effect of Diode laser internal bleaching protocol on thermal changes & color outcomes using different parameters: An in vitro study". 17th International Congress of International Society for Laser Dentistry in Plovdiv, Bulgaria
- 12/2018
- **Hatem M. El-Damanhoury**. The Current State Bulk-Fill Restoratives: A Guide for Clinical Practice. The first Regional meeting of the Asian Oceanian Federation of Conservative Dentistry (ConsAsia 2018), University of Sharjah, UAE
- 10/2018
- **Hatem M. El-Damanhoury**, Nesrine A. Elsahn and Dina W. Elkassas. Influence of low-fluence Er:YAG laser modification on surface micro-topography and bond strength of resin-based adhesives to bur-cut and laser-ablated dentin. Oral presentation, 16th World Federation of Laser Dentistry Congress, Aachen, Germany

- 07/2018
- Kausar Sadia Fakhruddin, Hisham El Batawi and **Hatem M. El-Damanhoury** Behavioral management using sequenced treatment paradigm and audiovisual distraction during dental treatment in children with attention deficit/hyperactivity disorder. *European Journal of Dentistry*, (2018), Volume 12, Pages 262-268. (SJR-Q2).
- 01/ 2018
- **Hatem M. El-Damanhoury** and Marianna Gaintantzopoulou. Self-Etching Ceramic Primer Versus Hydrofluoric Acid Etching: Etching Efficacy and Bonding Performance. *Journal of Prosthodontic Research*, (2018), Volume 62, issue 1, Pages 75-83. (SJR-Q1).
- 11/2016
- Marianna Gaintantzopoulou and **Hatem M. El-Damanhoury**. Effect of Preparation Depth on the Marginal and Internal Adaptation of CAD/CAM Endocrowns. *Operative Dentistry*, (2016) Volume 41, Issue 6, Pages 607-616. (SJR-Q1).
- 03/2016
- **Hatem M. El-Damanhoury** and Marianna Gaintantzopoulou. The effect of Immediate Dentin Sealing and Optical Powder Removal Method on the Fracture Resistance of CAD/CAM fabricated Endocrowns. *International Journal of Computerized Dentistry*. (2016) Volume 19, Issue 2, Pages 135-151. (SJR-Q2).
- 03/2016
- **Hatem El-Damanhoury** and Marianna Gaintantzopoulou. Immediate Dentin Sealing and Optical Powder Removal Method influence the Fracture Resistance of CAD/CAM Endocrown. 2016 AADR/CADR Annual Meeting (March 16-19, 2016) (Los Angeles, CA)
- 07/2015
- **Hatem M. El-Damanhoury**. A Micro-Morphological and Micro-Tensile Bond Strength Evaluation of Resin Adhesives to Sound and Caries-Affected Dentine After Er:Yag Laser Ablation. *Egyptian Dental Journal*. (2015) Volume 61, Issue 3, Pages 3313:3324.
- 03/2015
- **Hatem M. El-Damanhoury** and Marianna Gaintantzopoulou. Effect of Thermocycling, Degree of Conversion, and Cavity Configuration on the Bonding Effectiveness of All-in-One Adhesives. *Operative Dentistry* (2015). Volume 40, Issue 5, Pages 480-491. (SJR-Q1).
- 01/2015
- **Hatem M. EL-Damanhoury**, Reem N. Haj-Ali and Jeffery A Platt. Fracture Resistance and Microleakage of Endocrowns Utilizing Three CAD-CAM Blocks. *Operative Dentistry* (2015). Volume 40, Issue 2, Pages 201-10. (SJR-Q1).
- 10/2014
- **Hatem M. El-Damanhoury**, Kausar Sadia Fakhruddin, Manal A. Awad. Effectiveness of teaching International Caries Detection and Assessment System II and its e-learning program to freshman dental students on occlusal caries detection. *European Journal of Dentistry* (2014) Volume 8, Issue 4, Page 493-497. (SJR-Q2).
- 07/2014
- **Hatem M. EL-Damanhoury** and Jeffery A Platt. Polymerization Shrinkage Stress Kinetics of Five Bulk-Fill Resin Composites. *Operative Dentistry*. (2014) Volume 39, issue 4, pages 374-382. (SJR-Q1).

- 03/2013
- **Hatem M. EL-Damanhoury**, Nesrine A. El-Sahn, and Jeffery A Platt. Polymerization Shrinkage Stress Kinetics of Five Bulk-Fill Resin Composites. IADR 2013 Meeting abstract No. 2439.
- 03/2013
- **Hatem M. EL-Damanhoury**, Reem N. Haj-Ali, and Jeffery A Platt. Fracture Resistance and Microleakage of Endocrowns Utilizing Three CAD-CAM Blocks. IADR 2013 Meeting, abstract No. 1894
- 03/2013
- Nesrine A. El-Sahn, **Hatem M. EL-Damanhoury**, Dina W. Elkassas, and May M. Yousry. Er:YAG Surface Modification Mode Influences Surface Topography of Ablated Substrates . IADR 2013 Meeting, abstract No. 3610
- 09/2012
- **Hatem M. EL-Damanhoury**, "Basic Operative Dentistry Procedures – Laboratory Manual". Publisher: College of Dentistry, University of Sharjah.
- 05/2011
- Nesrine A. El-Sahn, **Hatem M. EL-Damanhoury**, Dina EL-Kassas, Ola M. Fahmy, Hussien Gomma, and Jeffery A Platt. (2011) Effect of C-factor on micro-tensile bond strengths of low-shrinkage composites. *Operative Dentistry*. 36(3): 281-292. (SJR-Q1).
- 10/2010
- **Hatem M. EL-Damanhoury**; B.Keith Moore; Nesrine A. El-Sahn; and A. Nour Habib. (2010) Bonding Effectiveness of All-In-One Adhesive. *Dental Materials*, Volume 26, Supplement 1, Abstract #16.
- 10/2010
- Nesrine A. El-Sahn, **Hatem M. EL-Damanhoury**, Dina EL-Kassas, Ola M. Fahmy, Hussien Gomma, and Jeffery A Platt. Effect of Cavity Configuration Factor on Nanoleakage of Low-shrinkage Composites. *Dental Materials*, Volume 26, Supplement 1, Abstract #57.
- 12/2009
- **Hatem M. EL-Damanhoury**; B.Keith Moore; Nesrine A. El-Sahn; Mohsen H. Abi El-Hassan; Naguib M. Aboul-Enein and A. Nour Habib (2009). Effect Of Hydrolytic Stability on Flexural Properties of Silorane – Based Composite *Egyptian Dental Journal*. 55 (4.2): 2581-2596.
- 12/2009
- **Hatem M. EL-Damanhoury**; B.Keith Moore; Nesrine A. El-Sahn; Mohsen H. Abi El-Hassan; Naguib M. Aboul-Enein and A. Nour Habib (2009) Bonding Effectiveness of Silorane-Based Composite to Dentine. *Egyptian Dental Journal*. 55 (4.2): 2597-2606
- 04/2009
- **Hatem M. EL-Damanhoury**, Nesrine A. El-Sahn, Ahmed N. Habib, B Keith Moore; Relation between Degree of Conversion/pH and Bond-Strength of All-in-one Adhesives. IADR 2009 Meeting abstract No. 2328.
- 04/2009
- Nesrine A. El-Sahn, Dina W. El-Kassas, **Hatem M. EL-Damanhoury**, Ola I. Fahmy, Hussein A. Gomma, Jeffery A. Platt; Effect of C-Factor on Micro-Tensile Bond Strengths of Low-shrinkage Composites. IADR 2009 Meeting. oral presentation No. 41
- 02/2008
- **Hatem M. EL-Damanhoury**. An Assessment of Novel Low-Shrinkage Resin Composite Restoratives, DDSc Thesis, Suez Canal University.

- 10/2007
- **Hatem M. El-Damanhoury**, Ahmed N. Habib, Mohsen A. Al-Hassan, B Keith Moore; Micro-tensile Bond Strengths of Single-Bottle Adhesives in Class II Restorations. *ADM 2007 Meeting Abstract*.
- 03/2007
- **Hatem M. EL-Damanhoury**, B. Keith Moore, Ahmed N. Habib, Mohsen A. Al-Hassan, Naguib M. Aboul-Enein; Degree of Conversion and Shrinkage Stress of Silorane-Based Composite, *IADR 2007 Meeting abstract No. 88528*.
- 07/2004
- **Hatem M. EL-Damanhoury**, Mohamed T. Fayed, Sayed H. Saniour, Naguib M Aboul-Enein. A Comparative study on the Effect of Soft-Start Polymerization on Depth of Cure and Flexure Strength of Ormocer and Resin Composite. *Al-Azhar Journal of Dental Science*, 2004, 7(3):191-200.
- 07/2003
- **Hatem M. El-Damanhoury**, Effect of Soft-Start Polymerization on Depth of Cure and Flexure Strength of Ormocer and Resin Composite, M.D.S. Thesis, Suez Canal University, July 2003.

SUPERVISED MASTER AND DOCTORAL DEGREE THESES

- 2018-2020
- Co-Supervisor, Load To Failure and Failure Mode of Layered Translucent Zirconia with Different Crown Designs., by Saif Haider Salman Al-Qaysi, A research Thesis for the fulfillment of the requirements for master's degree of science in Restorative Dentistry, College of Dentistry, Ajman University
- June 2020
- Co-Supervisor, Wear Resistance of Different Composite Materials Used with Bonded Orthodontic Retainers: A Laboratory Study. Abdul Rahman Othman. Thesis Submitted to the Hamdan Bin Mohammed College of Dental Medicine Mohammed Bin Rashid University Medicine and Health Sciences, for the fulfillment of the requirements for Master of Science in Orthodontics.
- 2019 – 2022
- Main Supervisor, Effect of Thickness and Cementation Technique on Fracture and Fatigue Resistance of Feldspathic Ultra-Thin Laminate Veneers – Amna Mohamed Ahmed Hassan Al Ali, Master of Dental Surgery in Prosthodontics, College of Dental Medicine, University of Sharjah
- 2019 – 2022
- Main Supervisor, Fracture and Fatigue Resistance, and Wear of Different CAD/CAM Onlay Abutments used with Acetal Resin or Cobalt-Chromium Removable Partial Denture Clasps – Hiba Abdalla Alshaiba, Master of Dental Surgery in Prosthodontics, College of Dental Medicine, University of Sharjah
- 2019 – 2022
- Co-Supervisor, Two- And Three-Dimensional Wear Analysis of Different Artificial Denture Teeth – Amna Saeed Alsaadi, Master of Dental Surgery in Prosthodontics, College of Dental Medicine, University of Sharjah
- 2019 – 2022
- Co-Supervisor, Occluding Effect of ER:YAG Laser and Gluma Desensitizing Agents on Human Dentinal Tubules in Vitro: A Dye Percolation And Scanning Electron Microscopy (SEM) Study – by Alya Hassan Alhaway, Master of Dental Surgery in Periodontics, College of Dental Medicine, University of Sharjah
- 2020 – 2023
- Main Supervisor, Fatigue and Fracture resistance of Multilayered Translucent Zirconium oxide and Lithium Disilicate Single Crown Restorations: A Comparative IN VITRO Study – by Abdullah Zuhair Mezian Momo, Master of Dental Surgery in Prosthodontics, College of Dental Medicine, University of

- 2020 – 2023
- Co-Supervisor, Evaluation of the role of fiber-reinforced composites in endodontically treated weakened root canal systems: open apex and flared root canals. By Dawood Salman Dawood Alshetiwi, Master of Science (Dentistry) in Prosthodontics, University Sains Malaysia, School of Dental Sciences, Malaysia.

INVITED TALKS, PROFESSIONAL MEETINGS, COURSES AND PRESENTATIONS

- 11/2020
- Invited Speaker, lecture titled: "Simply Predictable Cementation of CAD/CAM Ceramic Restorations.". 15th CAD/CAM Digital Dentistry Conference (online Conference), Dubai, UAE.
- 02/2020
- Invited Speaker and Instructor, lecture and hand-on workshop titled: "Polychromatic Multi-layering Anterior Composite Build-up". The 8th International Student's Dental Conference, College of Dentistry, University of Sharjah, Sharjah, UAE
- 12/2019
- Invited Speaker and Country Representative, Asian and Oceanian Federation of Conservative Dentistry (ConsAsia 2019), Seoul, South Korea.
- 2015 - Present
- Lecturer and Instructor, Module 5 (Aesthetic Management of RCT Teeth, Inlay, Onlays and Overlays) and Module 6 (Direct Esthetic Resin Composites), Professional Diploma in Aesthetic Restorative Dentistry, the Elite Academy (Dubai) in association with University Claude Bernard, Lyon 1 (France).
- 12/2018
- General Secretary and Head of The Local Organizing Committee of the 1st Regional meeting of the Asian and Oceanian Federation of Conservative Dentistry (ConsAsia 2018), University of Sharjah, Sharjah UAE
- 10/2018
- Invited Speaker, "Surface Micro-Topography and Bond Strength of Resin-Based Adhesives to Bur-Cut and Laser-Ablated Dentin: Effect of Low-Fluence Erbium:Yttrium-Aluminum-Garnet (Er:YAG) Laser Modification". 16th Laser Dentistry World Congress, by the World Federation of Laser Dentistry (WFLD). Aachen, Germany
- 11/2015
- Invited Speaker, The 3rd Aesthetic Dentistry and Applied Methods (ADAM) Course, Dubai, UAE.
- 04/2015
- Invited Speaker and Instructor, "Polychromatic Multi-layering Anterior Composite Build-up". lecture and hand-on workshop, The 3rd International Student's Dental Conference, College of Dentistry, University of Sharjah, Sharjah, UAE
- 02/2015
- Table Clinic Presenter, the 44th Annual Meeting of the Academy of Operative Dentistry. Presentation titled: "Single-Visit CAD/CAM-Fabricated Monoblock Ceramic Post, Core and Crown: Time-Saving Modality for Endo-treated Teeth". Chicago, IL, USA
- 02/2015
- Speaker and Instructor, CEREC JumpStart Course 2-days lectures and hands-on workshop, Sirona Show Room, Dubai

- 12/2014
 - Speaker and Instructor, Restoration of the Endodontically – Treated Tooth: Treatment Planning Concepts for optimal Results in Restorative Dentistry, One-Day Dental CE Course and Hands-On workshop, 3M ESPE innovation Centre, Dubai
- 04/2014
 - Invited Speaker, presentation titled: "Standardization of Dental caries Management". The 6th Annual Dental Conference, College of Dentistry, Gulf Medical University, Ajman, UAE.
- 05/2014
 - Scientific session Chairperson, the 1st International Advanced Aesthetic Dentistry & Applied Methods Conference: Integrated Full Mouth Reconstruction. Dubai, UAE.
- 04/2014
 - Invited Speaker and Instructor, "Polychromatic Multi-layering Anterior Composite Build-up". Lecture and hand-on workshop, The 2nd International Student's Dental Conference, College of Dentistry, University of Sharjah, Sharjah, UAE.
- 02/2014
 - Table Clinic Presenter, the 43rd Annual Meeting of the Academy of Operative Dentistry. Presentation titled: "Endocrowns, Alternative to Post, Core and crown?". Chicago, IL, USA
- 12/2013
 - Invited Speaker, 2nd Dental symposium "the Dentist Scientific Bridge 2013", Emirates Dental Society, Emirates Medical Association. Presentation Titled: "Chair-Side Ceramics; A New Approach to Achieve Excellence". Dubai, UAE.
- 11/2013
 - Invited Speaker, The 2nd Aesthetic Dentistry and Applied Methods (ADAM) Course, Presentation Titled: "CAD/CAM in Dentistry; Exploring the Road to Unlimited Possibilities", Dubai, UAE.
- 05/2013
 - Invited Speaker, presentation titled: "exploring new possibilities with CAD/CAM solutions for Endo-treated teeth", The 8th CAD/CAM and Digital Dentistry International Conference. Dubai, UAE
- 05/2013
 - Speaker and Instructor, Mastering Endodontics (from A to Z), Lectures & Hands-On Course, University of Sharjah, College of Dentistry, Sharjah, UAE.
- 04/2013
 - Invited Speaker, presentation titled: "CAD/CAM in Dentistry, Exploring the Road to Unlimited Possibilities". The 5th Annual Dental Conference, College of Dentistry, Gulf Medical University, Ajman, UAE
- 03/2012
 - Invited Speaker and Instructor, lecture and hand-on workshop titled: "Polychromatic Multi-layering Anterior Composite Build-up". The 1st International Student's Dental Conference, College of Dentistry, University of Sharjah, Sharjah, UAE
- 03/2013
 - Poster Presentation, the 91st General Session & Exhibition of the International, American and Canadian Associations for Dental Research. Seattle, WA, USA.
- 01/2013
 - Invited Speaker, Aesthetic Dentistry and Applied Methods (ADAM) Course, Presentation Titled: "CAD/CAM in Dentistry; Exploring the Road to Unlimited Possibilities", Dubai, UAE.

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- 12/2012
 - Invited Speaker, presentation titled: "placing posterior composite: a stressful job". 27th Indian Association of Conservative dentistry and Endodontics national Conference, Dubai, UAE.
- 06/2012
 - Speaker and Instructor, Mastering Endodontics (Lectures & Hands-On Course – Module II), University of Sharjah, College of Dentistry, Sharjah, UAE.
- 05/2012
 - Invited Speaker, presentation titled: "placing posterior composite: a stressful job". The 4th Annual Dental Conference, College of Dentistry, Gulf Medical University, Ajman, UAE
- 04/2012
 - Speaker and Instructor, "Multi –layering Anterior Teeth Direct Build-up" (hands-on workshop), 1st Students' Dental Conference, University of Sharjah, College of Dentistry, Sharjah, UAE
- 03/2012
 - Speaker and Instructor, Mastering Endodontics (Lectures & Hands-On Course – Module I), University of Sharjah, College of Dentistry, Sharjah, UAE
- 10/2011
 - Invited speaker, presentation titled: "Dentin Replacement: Is It a Smart Choice for Posterior Restorations". The 15th International Dental Congress of the Egyptian Dental association. Cairo, Egypt
- 10/2011
 - Participant, Middle East and African Scientific Dental key opinion leader Symposium, 3M ESPE, Seefeld, Germany
- 10/2010
 - Poster presentation, Academy of Dental Materials 2010 Meeting, Trieste, Italy.
- 05/2010
 - Panel Member, Open Discussion Form (Zirconia the Truth), 4th CAD/CAM and Computerized Dentistry International Conference. Dubai, UAE.
- 04/2009
 - Poster Presentation, the 87th General Session & Exhibition of the International, American and Canadian Associations for Dental Research. Miami, FL, USA.
- 10/2007
 - Poster Presentation, Annual meeting of the Academy of Dental Materials. Fort Lauderdale, FL, USA.
- 03/2007
 - Poster Presentation, the 85th General Session & Exhibition of the International, American and Canadian Associations for Dental Research. New Orleans, LA, USA.
- 02/2007
 - Participant, Chicago Dental Society's 142nd Midwinter Meeting, Chicago, IL, USA.

SCIENTIFIC JOURNALS EDITORIAL AND REVIEW BOARDS MEMBERSHIPS

- Associate editor, Restorative Dentistry and Endodontics, the official publication of The Korean Academy of Conservative Dentistry.
- Editorial Board Member, European Journal of Dentistry, the official publication of the Dental Investigation Society.
- Editorial Board member, International Dental & Medical Journal of Advanced Research (IDMJAR), Publication of Incessant Nature Science Publishers.
- Reviewer, Operative Dentistry, the official publication of the Academy of Operative Dentistry.

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- Reviewer, Journal of Laser in Medical Sciences, the official publication of the Laser Application in Medical Sciences Research Center, Shahid Beheshti University of Medical Sciences
- Reviewer, Journal of Dentistry, published by Elsevier.
- Reviewer, Journal of Prosthodontics Research, the official publication of the Japan Prosthodontic Society
- Reviewer, Materials Research, the official publication of the Associação Brasileira de Metalurgia e Materiais - ABM; Associação Brasileira de Cerâmica -ABC; and Associação Brasileira de Polímeros ABPol;
- Reviewer, Journal of Conservative Dentistry, the official publication of the Indian Association of Conservative Dentistry and Endodontics.
- Reviewer, The Saudi Journal for Dental Research, published by King Saud University in collaboration with Elsevier.

CLINICAL EXPERIENCES AND SPECIALITY TRAINING

- | | |
|---------|---|
| 10/2016 | <ul style="list-style-type: none">• Key Opinion Leader, Kerr Restorative Dentistry Roundtable discussion, Prague, Czech Republic |
| 12/2015 | <ul style="list-style-type: none">• Trainer, CEREC Advanced+ Course, International Society of Computerized Dentistry. Tokyo, Japan |
| 05/2012 | <ul style="list-style-type: none">• New trends in anterior esthetics, international Center for Dental Education, Ivoclar Vivadent, Schaan, Liechtenstein. |
| 04/2012 | <ul style="list-style-type: none">• CEREC Advanced Course, International Society of Computerized Dentistry (ISCD), Istanbul, Turkey |
| 03/2012 | <ul style="list-style-type: none">• The 13th CEREC Trainers Course, International Society of Computerized Dentistry (ISCD), Istanbul, Turkey |
| 11/2011 | <ul style="list-style-type: none">• New Trends in Esthetic Dentistry with CAD/CAM, international Center for Dental Education, Ivoclar Vivadent, Schaan, Liechtenstein |
| 09/2010 | <ul style="list-style-type: none">• Laser Dentistry for General Practice (THE 2nd INTERNATIONAL DENTAL LASER COURSE) Sharjah University Laser Training and Research Center (SULTARC), Sharjah, UAE and accredited by Laser and Health Academy (Europe). |
| 09/2010 | <ul style="list-style-type: none">• Laser Safety Officer Course, Sharjah University Laser Training and Research Center (SULTARC), Sharjah, UAE. |
| 06/2010 | <ul style="list-style-type: none">• CEREC 3D Course, hands on course, by Dr. Klaus Wiedhahn, The International Society of Computerized Dentistry (ISCD). Organized by Sirona Dental Systems, Dubai Health Care City, Dubai, UAE. |
| 03/2010 | <ul style="list-style-type: none">• Masters Course and Workshop in Esthetic Implant Dentistry, by the International Team of Implantology (ITI). University of Sharjah, Sharjah, UAE. |
| 03/2010 | <ul style="list-style-type: none">• Laser Dentistry for General Practice (THE 1st INTERNATIONAL DENTAL LASER COURSE) 3-days training course, hands on workshop, clinical training and live patient demonstrations. Organized by Sharjah University Laser Training and Research Center (SULTARC), Sharjah, UAE and accredited by Laser and Health Academy (Europe). |

- 02/2009 • Advanced Implant Prosthodontics course: By Prof. Dr. Carl Drago, Cairo, Egypt.
- 08/2006 – 12/2007 • Non-Degree Graduate Student (Clinical Attachment): Graduate Operative Dentistry Clinic, Indiana University, School of Dentistry,
- 01/2003 – 12/2005 • Restorative Dentistry Specialist:
 - Giza International Hospital, Giza, Egypt.
 - 07/2000 – 12/2005 - Abu-Baker Al-Sedik Medical Centre, Giza, Egypt.
- 01/2000 – 03/2003 • Resident, Department of Operative dentistry, Suez Canal University Faculty of dentistry, Ismalia, Egypt.
- 02/1999 – 01/2000 • General Dentist, Dental clinic, Ministry of Agriculture, Cairo, Egypt
- 08/1998 – 10/1998 • House Officer (Internship):
 - Suez Canal University Hospital, Ismalia, Egypt.
 - 05/1998 – 07/1998 - Embaba Educational Hospital, Cairo, Egypt
 - 11/1997 – 04/1998 - Cairo University Faculty of Oral & Dental Medicine, Cairo, Egypt

AWARDS AND GRANTS

- 02/2021 • Competitive research grant, Principle investigator, Assessment of Various Restorative Techniques of Endo-Treated Teeth with Flared Root Canals: Adaptation, Bond Strength, Fracture Resistance and Mechanical Behavior. University of Sharjah, Sharjah, UAE (80,000 AED)
- 08/2019 • The Best Paper Award 2018, by the Japan Prosthodontic Society. Awarded to the articles titled "Primer Versus Hydrofluoric Acid Etching: Etching Efficacy and Bonding Performance", published in the Journal of Prosthodontic research 2018.
- 10/2017 • Competitive research grant, Co-investigator, "Effect of Calcium Silicate–Sodium Phosphate–Fluoride Salt on dentinal tubules occlusion: an in vitro study", University of Sharjah, Sharjah, UAE (80,000 AED)
- 06/2016 • Competitive Research Grant, Principle investigator, "Adhesive luting to Chair-side CAD/CAM Blocks: Part I - The Effect of Surface Pretreatment on Fracture Resistance, Microleakage, Shear Bond Strength, Surface Topography and Fluoride Remnants". University of Sharjah, Sharjah, UAE. (80,000 AED).
- 09/2015 • Competitive Research Grant, Co-investigator, "Effect of Preparation Type on the Adaptation and fracture Resistance of CAD-CAM Endocrowns". University of Sharjah, Sharjah, UAE. (34,000 AED).
- 10/2011 • Competitive Research Grant, Principle investigator, "Bond Strength of Resin Composite to Laser Ablated Dentin After Conservative Caries Removal by Er:YAG and Er,Cr:YSGG ", University of Sharjah, Sharjah, UAE. (93,000 AED).
- 01/2011 • Seed Research Grant, Co-investigator, Bonding of Machinable Ceramics to Laser Ablated Tooth Substrates Using Different Resin Cements, University of Sharjah, Sharjah, UAE. (20,000 DHS).

Dr. Hatem El-Damanhoury

- 10/2007 • The Paffenbarger Student Research Award 2007, offered by the Academy of Dental Materials.
- 08/2006 • Multidisciplinary Undergraduate Research Institute (MURI) Program, Indiana University - Purdue University (IUPUI). (20,000 USD)
- 2004 – 2008. • Joint-Supervision PhD Scholarship (Suez Canal University – Indiana University): offered by the Egyptian Ministry of Higher Education.

FACUTY DEVELOPMENT AND LEADERSHIP IN EDUCATION TRAINING

- 07/2015 • Managing Time and meetings - Faculty and Leadership Development Center - Cairo University.
- 07/2015 • University code of ethics - Faculty and Leadership Development Center - Cairo University.
- 07/2015 • International Publishing of Scientific Research - Faculty and Leadership Development Center - Cairo University.
- 07/2015 • Quality standards and assurance in higher education - Faculty and Leadership Development Center - Cairo University.
- 08/2015 • Conference Organization - Faculty and Leadership Development Center - Cairo University.
- 08/2015 • Examination and evaluation systems - Faculty and Leadership Development Center - Cairo University.
- 07/2008 • Credit hours system in education - Faculty and Leadership Development Center – Suez Canal University.
- 07/2008 • Research Ethics - Faculty and Leadership Development Center – Suez Canal University.
- 07/2008 • Effective Presentation Skills - Faculty and Leadership Development Center – Suez Canal University.
- 07/2008 • Use of modern technology in teaching - Faculty and Leadership Development Center – Suez Canal University - 8/2008
- 07/2008 • Micro-teaching - Faculty and Leadership Development Center – Suez Canal University.
- 07/2008 • Scientific research methodology - Faculty and Leadership Development Center – Suez Canal University.

PORTFOLIO AND REFRENCES ARE AVAILABLE UPON REQUEST
