

# C.V

## Personal data:



Name: Shaza Mohammad Abd al-Nabi Hammad.

- Current position: Head of the Orthodontics Department  
- Mansoura University and Professor in the Orthodontics Department.
- Latest academic qualification: Doctorate in Orthodontics - Faculty of Dentistry  
- Mansoura University.

Address: 8 Kamal Abdel Razek St., from Jihan St., Mansoura - Dakahlia.

Date of birth: 8/7/1970.

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## Academic Career:

- 9/28/2016 to date: Professor in the Department of Orthodontics - Faculty of Dentistry - Mansoura University.
- 9/28/2011: Assistant Professor in the Department of Orthodontics - Faculty of Dentistry - Mansoura University.
- 9/25/2006: Lecturer in the Department of Orthodontics - Faculty of Dentistry - Mansoura University.
- 8/23/2001: Assistant Lecturer in the Department of Orthodontics - Faculty of Dentistry - Mansoura University.
- 1/23/1994: Teaching Assistant in the Department of Orthodontics - Faculty of Dentistry - Mansoura University.

## **Scientific Qualifications:**

- PhD in Orthodontics, 2006.
- Master's degree in Orthodontics, in 2001.
- Bachelor of Oral and Dental Medicine in 1992.

## **Administrative positions:**

- Head of the Department of Orthodontics - Mansoura University, from 1/8/2023 until now.
- Dean of the Faculty of Dentistry - Horus University - New Damietta from 9/2020 to 9/2022.
- Acting Vice Dean of the Faculty of Dentistry at Horus University for Student Affairs from 9/2016 to 9/2022.
- Head of the Department of Orthodontics at Mansoura University, from 8/1/2017 to 7/31/2020.
- Director of the Quality Assurance Center at Horus University in 2016.
- Deputy Director of the Center for Quality Assurance and Performance Evaluation at Mansoura University - from 10/1/2012 to 9/30/2015.
- Director of the Quality Assurance Unit at the Faculty of Dentistry at Mansoura University from 11/29/2018 to 12/18/2019.
- Director of the Quality Assurance Unit at the Faculty of Dentistry at Mansoura University from 11/29/2015 to 11/28/2018.
- **Participation in education development projects:**
  - Full-time director of the Continuous Development of Qualification and Accreditation Project Unit at Mansoura University from 3/2/2009.
  - Reviewer of the project to qualify and accredit laboratories in Egyptian universities from 4/5/2010 to 6/7/2013.
  - Member of the Planning Committee in the Dentistry Sector of the Supreme Council of Egyptian Universities from 2/2017.
  - Member of the Dental Sector Committee 4/2021.
  - Member of the Scientific Committee for Promotion to Professors and Assistant Professors from 2016 until now.
  - Certified trainer at the Center for Faculty Development at Egyptian Universities from 2006 until now.

- Certified auditor with the National Authority for Quality Assurance and Accreditation from 2016 until now.
- Member of the Mansoura University Accreditation Committee 4/2020.

### **Administrative experiences:**

- Member of the editorial board of the Faculty 's scientific journal from 6/10/2018 to 6/9/2020.
- Member of the E-Learning Committee at the Faculty of Dentistry, Mansoura University, from 1/3/2006 to 2/5/2009.
- Faculty's coordinator for plagiarism from 1/5/2015 to 1/5/2018.
- Member of the Scientific Research Ethics Committee at the Faculty of Dentistry, Mansoura University, from 1/1/2023 until now.
- Member of the editorial board of the Egyptian Orthodontic Journal on 10/6/2023.

### **International courses:**

- **Advanced International Training Program for Higher Education and Sustainable Development, under the auspices of the Swedish International Development Cooperation Agency (Sida) and in cooperation with Rhodes University in South Africa and the Chinese Agency for Sustainable Development (IESD), in:**
  - **Sweden, April 23-May 4, 2012.**
  - **South Africa (RHODES University)), October 29-November 9, 2012.**

### **The program included the following in 5 phases:**

- ❖ Education for Sustainable Development.
- ❖ Innovating curricula and universities in their societies.
- ❖ Knowledge, research and learning oriented towards change.
  - **Graduate of the first batch of the Leadership Development Program held at Carl von Ositzky University Oldenburg / Germany (UNILEAD), under the auspices of the German Academic Exchange Service (DAAD) in the period (August 31, 2008 - February 20, 2009):**

## The program included the following:

- ❖ Human Resource Management.
- ❖ Project management.
- ❖ Management of financial resources in universities.
- **Graduate of the Training of Trainers Course (TOT), for the development of universities, held at the German University of Kassel, sponsored by the German Academic Exchange Service, (DAAD) from August 23 to September 3, 2010, and includes:**
  - ❖ Preparing courses and academic regulations and designing curricula.
  - ❖ Managing the transformation process in universities.
  - ❖ Efficiency in knowledge management and research in universities.

## Local courses:

- The educational course for strategic studies and national security (4) held at the National Defense College for the benefit of Mansoura University in the period from 10/15/2022 to 10/18/2022.
- A training course from the National Center for Developing the Capacities of Teaching Staff and Leadership at the Ministry of Higher Education, July 2008. NCFL.  
(Certified trainer for training academic leaders, scientific research ethics course, university staff preparation course, research team course).

## Courses from the National Authority for Quality Assurance:

<b>External auditors of higher education institutions.</b>	<b>30/ 11/2008</b>	<b>4/12/ 2008</b>
<b>The advanced course for external auditors of higher education - simulation model.</b>	5/4/2009	8/4/2009
<b>Effective learning for higher education institutions</b>	5/7/2009	7/7/2009
<b>Evaluation of learning outcomes for higher education institutions.</b>	12/8/2009	13/8/2009
<b>Strategic planning for higher education institutions</b>	6/2/2010	7/2/2010

<b>Learning Outcomes and Curriculum Maps Course - Higher Education</b>	28/2/2010	4/3/2010
<b>Mechanisms and systems for preparing the strategic plan for university faculties</b>	12/10/2010	12/10/2010
<b>Procedural workshop for internal reviews of study programs.</b>	27/12/2010	29/12/2010
<b>Workshop entitled Preparing a research plan for Egyptian universities at Tanta University.</b>	19/3/2015	20/3/2015

• **Faculty leadership training programmer in Mansoura university:**

<b>Professional ethics.</b>	<b>25/6/2005</b>	<b>27/6/2005</b>
<b>Effective teaching.</b>	2/7/2005	7/7/2005
<b>Effective communication skills.</b>	17/7/2005	20/7/2005
<b>Thinking skills.</b>	24/7/2005	27/7/2005
<b>Teaching small and large numbers of students.</b>	31/7/2005	03/8/2005
<b>Scientific research methods.</b>	14/8/2005	17/8/2005
<b>Designing courses and curricula.</b>	24/12/2006	26/12/2006
<b>Writing scientific articles and international publication.</b>	4/3/2007	6/3/2007
<b>Making decisions and solving problems.</b>	24/6/2007	26/6/2007
<b>Financial and legal aspects of university business.</b>	17/2/2008	19/2/2008
<b>Quality standards in the teaching process.</b>	23/3/2008	25/3/2008
<b>Time and meeting management.</b>	25/5/2008	27/5/2008
<b>Research team management.</b>	30/10/2011	12/11/2011
<b>Exam systems and student evaluation.</b>	8/1/2012	10/1/2012
<b>Strategic Planning.</b>	15/1/2012	17/1/2012
<b>University administration.</b>	8/7/2012	4/7/2012

## **Courses and conferences at the DAAD Kairo Akademie (DKA): at the DAAD office:**

- The regional seminar under the auspices of the German Academic Exchange Service and the Arab Network for Quality Assurance in University Education: Participation of stakeholders in the process of developing and evaluating expected learning outcomes: Agencies and universities working together on October 30-31, 2010.
- “Preparation of Trainers (TOT)” in the period 2012/10/22, 16, 17, 18.
- Implementation of skills acquired abroad, held on December 10, 2012.
- Writing a proposal to apply for the (GERLS) research program, on 12/19/2012.
- Scientific communication and scientific research held on March 25, 2013.
- University Leadership and Management in an International Context, held on November 23 and 24, 2014 in Cairo.
- Regional Conference on Quality Assurance in Higher Education in the Arab States Region: Sustainability and Future Development on June 7-8, 2015.
- Quality Management on September 16 and 17, 2015.
- Strategic guidance on the balanced scorecard on October 1, 2015.
- Marketing for higher education on October 3, 2015.
- How to present scientific papers on November 15, 2015.
- Introduction to Learning with Technology, (TEL), 3 December 2015.
- Communication and Rhetorical techniques on 12/14/2015.
- Success in international scientific writing and publishing for the natural sciences and how to pass the limits of a double-blind review of research, on March 16, 2016.
- Statistical analysis using STATA, on April 14 and 17, 2016.
- A workshop on the development of pioneering universities in the Middle East and North Africa region, on November 15-16, 2017.
- Strategic planning and management for higher education institutions on July 16, 2017.
- Training of trainers on academic research skills on 10/11/2022.
- Developing higher education institutions towards globalization on 7/26/2023.

## **Activities related to Quality Assurance:**

- 1- peer reviewer Member-Faculty of Dentistry-Minia University, 20-24/2/2008.
- 2- Member in continuous improvement and qualification for accreditation-Faculty of Dentistry, Mansoura university project. (CIQAAP).
- 3- Attendance of the preparatory work shop (peer reviewer), 10/3/2007, in Project Management Unit (PMU), Cairo.

- 4- Attendance of the supplementary workshop (peer reviewer), 17/3/2007, in Project Management Unit (PMU), Cairo.
- 5- Attendance of Operational workshop, 7/2/2008, in Project Management Unit (PMU), Cairo.
- 6- Attending a workshop on how to develop strategic plans and action plans, Faculty of Agriculture, Cairo University, 20/6/2007.
- 7- The basic workshop on (CIQAAP), in the Project Management Unit (PMU), Cairo, 9/12/2007.
- 8- Attending a workshop on the role of leadership in enhancing quality assurance, Benha University, 10/27/2007.
- 9- Attending a workshop on the National Academic Reference Standard, Mansoura University, 28/2/2007.
- 10- Attending a training of trainers (TOT) workshop, Mansoura University 1-2/7/2007.
- 11- Attending the preparatory workshop (TOT) at Tanta University from 29/4/2008 to 5/5/2008.
- 12- The Fifth National Tempus Day 9/3/2008, Ain Shams University, Faculty of Medicine, Demerdash Hospital, Training Center.
- 13- Quality Assurance Conference between Reality and Dreams, Cairo University, 15/4/2008.
- 14- Conference on Competitiveness in Universities, Center for Research and Business Studies, Cairo University, 4-5/6/2008.
- 15- The First International Conference, Academic Standard and the Way of Quality and Accreditation, The National Authority for Quality Assurance and Accreditation of Education, Al-Azhar Center, 21-22/6/2008, Cairo.
- 16- Attending the supplementary course (TOT) at Tanta University 7/28/2008.
- 17- Workshop on Continuous Improvement and Accreditation Project, Ain Shams University, 8/1/2009.
- 18- Member of the organizing committee of the third international conference for the development of higher education, entitled future visions for the development of higher education at Mansoura University. 27-28/3/2013.
- 19- Trainer in the training program “Roads Leading to Higher Education” at Mansoura University, 7/2013.
- 20- Reviewing the strategic plan of the College of Oral and Dental Medicine at Delta University on 27/8/2017.
- 21- Member of the Mansoura University accreditation team and head of the Community Service Standard, 1 2-13/2/2020.

- 22- Organizing 3 workshops at the International Conference on African Health Excon 5-7/ 6/ 2022.
- 23- Technical support for the quality accreditation visit to the Faculty of Dentistry at Badr University and Sinai University - Qantara East Branch 7/2023.
- 24- Developing the strategic plan for Horus University on September 1, 2019.

### **Participation in the review teams of the National Authority for Quality Assurance for the different universities:**

- Accreditation visit to the Faculty of Dentistry - Tanta University.
- A re-evaluation visit to the Faculty of Dentistry - Minya University.
- An accreditation visit to the Faculty of Oral and Dental Medicine - Future University in Egypt.
- A re-evaluation visit to the Faculty of Dentistry - 6th of October University.
- A re-evaluation visit to the Faculty of Dentistry - Tanta University.
- Head of the re-evaluation visit to the Faculty of Dentistry - Pharos University of Alexandria.
- An accreditation visit to the Faculty of Dentistry - The British University in Egypt.
- A visit to renew the accreditation of the Faculty of Dentistry, Ain Shams University.
- An accreditation visit team from the Faculty of Dentistry, Al-Azhar University, Girls Branch.
- Head of the team visiting the accreditation of the basic and applied psychology program at the British University.
- Head of the accreditation visit team of the College of Islamic Studies - Girls Branch, Al-Azhar University - Zagazig University.

### **Scientific Publications:**

- 1- **Effect of different disinfectants on the degree of dimensional and antimicrobial activity of irreversible hydrocolloids.** Farouk M, Hammad S, Zaglol H. Egyptian Dental Journal, 54,1:7, April 2008.
- 2- **Soft tissue facial profile among a group of dental students in Mansoura.** Hamida Abobakr Adel, Shaza M. Hammad. Egyptian Dental Journal, Volume 55,781:789, January,2009.



- 3- **Treatment of developing Class II division 1 malocclusion with Jumper Twin Block.** Eithar S. Bashir, Shaza M. Hammad, Ahmed A. El- Bialy. International journal of orthodontics, volume 36,63:76, December 2009.
- 4- **Mixed dentition space analysis in Egyptian children.** Shaza M. Hammad, Abeer M. Abdellatif. Pediatric dental Journal 20 (2) 115-121,2010.
- 5- **Dental age estimation in Egyptian children, comparison between two methods.** Amal A. El- Bakry, Shaza M. Hammad, Fatma Mohammed. Journal of Forensic and legal Medicine 17; 363-367,2010.
- 6- **The effect of crystal growth on shear bond strength of metallic brackets and atomic force microscopic topographic evaluation of treated enamel.** Abeer M. Abdellatif, Shaza M. Hammad. Egyptian Orthodontic Journal volume 38,94:106, December 2010.
- 7- **Management of obstructive sleep apnea using oral appliance with magnetic versus increase vertical dimension.** Mohamed. A. Saad-Eldeen, Shawky M. Elmorsy, Shaza. M. Hammad. Journal of American Science 2010;6(11):734-741.
- 8- **Implant Versus Nance holding arch anchorage during maxillary canine retraction.** Maher A. Fouda, Fouad Al-Belasy, Shaza M. Hammad, Marwa S. Shamaa. Egyptian Orthodontic Journal. Volume37, June 2010.
- 9- **Orthodontic treatment needs in Egyptian school children.** Shaza M.Hammad, Salwa M.Awad. Pediatric Dental Journal, Vol.21(1):1-5 ,2011.
- 10- **Effect of bonding brackets by sulphated polyacrylic vs. conventional acid etching on deciduous and permanent enamel.** Shaza M. Hammad, Abeer M.Abdellatif. Egyptian Orthodontic J. June, 2011.
- 11- **A radiographic comparison of apical root resorption between Herbst and Jumper Twin Block Bite appliances.** Mahasen A. Taha, Shaza M.Hammad. Egyptian Orthodontic J. June, 2011.
- 12- **Study of the effect of different surface treatments and surface roughness of veneered crowns on shear bond strength of ceramic brackets.** Shaza M. Hammad, Manal F. Badrawi, Mohamed H.Ghazy. International Journal of Orthodontics, summer volume, 2011.
- 13- **Mechanical properties and surface characterization of translucent**
- 14- **composite wire following topical fluoride treatment.** Shaza M.Hammad, Essam E.Alwakeel, El-Sayed Gad. Angle orthodontic Journal, 2011.
- 15- **A comparative study of paplta rugae shape in two samples Of Egyptian and Saudi children.** Abdelattif AM, Awad S, Hammad SM. Peditric Dental Journal, 2011.

- 16- **Effect of resin infiltration on white spot lesions after debonding orthodontic brackets.** Hammad SM, El Banna M, El Zayat I, Mohsen MA. Am J Dent. 2012 Feb;25(1):3-8.
- 17- **Evaluation of hardness and shear bond strength of brackets to flourosed teeth after enamel pretreatment.** Hammad S M, El Zayat I. Egyptian Dental Journal. Vol. (58); April 2012
- 18- **Intrusion of maxillary incisors by mini-screw anchorage of Angle Class II division 2 malocclusion cases.** Al-Falahi BA, Hammad SM, El-Kenawy MH, Fouda MA. Int J Orthod Milwaukee. 2012 Winter;23(4):29-35.
- 19- **Twelve-month Bracket Failure Rate with Amorphous Calcium Phosphate Bonding System.** Hammad SM, El Banna MS, Elsaka SE.
- 20- Eur J Orthod. 2012 Aug 30.
- 21- **The use of different analgesics in orthodontic tooth movements.**
- 22- Hammad SM, El-Hawary YM, El-Hawary AK. Angle Orthod. 2012 Sep;82(5):820-6. doi: 10.2319/110911-691.
- 23- **In vivo effects of two acidic soft drinks on shear bond strength of metal orthodontic brackets with and without resin infiltration treatment.** Hammad SM, Enan ET. Angle Orthod. 2013 Jan 11.
- 24- **Effects of molar distalization with the Fast Back Appliance.** Hammad SM, AlkasabyA, Abdelnaby Y. International Journal of Orthodontics. 2013.
- 25- **Microleakage under orthodontic bands cemented with nano-hydroxyapatite-modified glass ionomer.** Enan ET, Hammad SM. Angle Orthod. 2013 Nov;83(6):981-6. doi: 10.2319/022013-147.1. Epub 2013 Jun 7.
- 26- **Effects of cyclic loading on the shear bond strength of metal orthodontic brackets bonded to resin composite veneer surface using different conditioning protocols.** Hammad SM, El Banna MS. Prog Orthod. 2013 Jun 23; 14:14. doi: 10.1186/2196-1042-14-14.
- 27- **Efficacy of a new sealant to prevent white spot lesions during fixed orthodontic treatment: A 12-month, single-center, randomized controlled clinical trial.** Hammad SM, Knösel M.J Orofac Orthop. 2016 Nov;77(6):439-445. doi: 10.1007/s00056-016-0052-2. Epub 2016 Oct 12.
- 28- **Evaluation of zinc-oxide nanocoating on the characteristics and antibacterial behavior of nickel-titanium alloy.** Hammad SM, El-Wassefy NA, Shamaa MS, Fathy A. Dental Press J Orthod. 2020 Jul-Aug;25(4):51-58. doi: 10.1590/2177-6709.25.4.051-058.oar.

- 29- Maxillary molar distalization in treatment of angle class II malocclusion growing patients: Uncontrolled clinical trial.** Abdelhady NA, Tawfik MA, Hammad SM .Int Orthod. 2020 Mar;18(1):96-104. doi: 10.1016/j.ortho.2019.11.003. Epub 2020 Jan 20.
- 30- Evaluation of color changes of white spot lesions treated with three different treatment approaches: an in-vitro study.** Hammad SM, El-Wassefy NA, Alsayed MA. Dental Press J Orthod. 2020 Jan-Feb;25(1):26-27. doi: 10.1590/2177-6709.25.1.27.e1-7.onl.
- 31- A 3-dimensional finite element analysis to evaluate the impact of force direction, insertion angle, and cortical bone thickness on mini-screw and its surrounding bone.** Auwer ON, Shamaa MS, Hammad SM. Journal of Dental Research, Dental Clinics, Dental Prospects 15 (4), 262, 2021.
- 32- Effects of Fixed Labial Orthodontic Appliances on Oral Functions in Arabic Speaking Children.** E Saad, AM Amer, S Hammad, T Abou-Elsaad. Egyptian Journal of Ear, Nose, Throat and Allied Sciences 23 (23), 1-9, 2022.
- 33-Shear bond strength of orthodontic metal brackets bonded to two different types of zirconium crowns: An in-vitro comparative study.** Ab El-Wahab, S. Hammad, A Hafez, M Shamaa. Egyptian Dental Journal 69 (3),1731-1737, 2023.
- 34-Shear bond strength of orthodontic brackets bonded to a new version of zirconium to all ceramic restoration:An in viro comparative study.**A Abd El-Wahab, M Shamaa,A Hafez, N El-Wassefy, S Hammad, Heliyon 9 (5), 2023.

## Supervision and discussion of scientific theses:

- A detailed statement of the registered and awarded master's theses that the member discussed:

Grant date	Registration date	Specialty	Degree	Thesis title	Nationality	Student name	N
26/10/2021	01/04/2018	Orthodontics	Master	Dimensional changes in palatal rugae area following maxillary canine retraction using laser scanning system in vitro study	Egypt	Ahmed Shawqi Abdel Wahed Abu Al-Naga	1
23/11/2020	23/08/2017	Orthodontics	Master	Zinc - oxide nano - coating improving the characteristics and antibacterial behavior of nikel titanium alloy	Egypt	Hamad Fathi Muhammad Sayed Ahmed Wali Allah	2
27/12/2020	21/05/2017	Orthodontics	Master	Evaluation of the Effect of Platelet Rich, Plasma With and Without esenchymal Stem on Mini-Implant integration	Egypt	Ahmed Muhammad Ahmed Muhammad Ali	3

19/12/2017	07/06/2015	Orthodontics	Master	Evaluation of Buccal Indirect Skeletal Anchorage in Maxillary Molar, Distalization, Clinical Study.	Egypt	Israa Muhammad Mansour Al-Kanani	4
20/09/2018	29/05/2016	Orthodontics	Master	Orthopedic correction of class II division 1 malocclusion using modified Dyanmax appliance	Palestine	Ashraf Muhammad Badie Mutawa Al-Masry	5
	18/09/2016	Orthodontics	Master	One Step , Two Steps Vs . CO2 Lasen Effect on Enamel Etching and Shear Bond Strength.	Egypt	Amir Ashraf Muhammad Sweilem	6
06/05/2021	19/8/2018	Orthodontics	Master	Transfer accuracy of computer aided versus traditional bracket placement for indirect bonding technique : In vivo study	Egypt	Amira Hisham Ibrahim Fathi Muhammad Baghdadi	7
20/09/2018	20/04/2016	Orthodontics	Master	Evaluation of dynamic resistance levels between multiple orthodontic wires and bracket types	Egypt	Engy Ahmed El- Sherbiny Ahmed	8

8/3/2018	30/03/2016	Orthodontics	Master	Effect of Ligation Types on Friction Level in Orthodontics	Egypt	Basma Mohamed Abdel-Maksood	9
23/9/2018	02/06/2016	Orthodontics	Master	Effect of orthodontic bracket slot depth and torque on frictional resistance levels during canine retraction (In-vitro study)	Egypt	Doaa Adel Taha	10
17/10/2017	06/04/2015	Orthodontics	Master	Evaluation of the Validity of Dental Models Derived from CBCT Compared with laser-Scanned and Plaster Models	Palestine	Rasha Yousef el Tayan	11
27/03/2016	26/12/2012	Orthodontics	Master	Impact of modified smart wire appliance in pseudo class III management	Egypt	Reham Ibrahim Abdel Raouf Al-Jazzar	12
30/05/2017	26/08/2013	Orthodontics	Master	Dento- skeletal Effects of the Rick-A-Nator Appliance	Egypt	Sahar Musa Ahmed Mustafa	13

08/01/2020	23/06/2016	Orthodontics	Master	Bond strength of orthodontic bracket's bonded to porcelain surfoces etched with laser versus hydrofluoric acid	Egypt	Shorouk Ahmed Attia Al Rajhi	14
16/10/2017	27/04/2015	Orthodontics	Master	Effect of Nano-Technology in Self Etch Bonding Systems on the Shear Bond Strength of Stainless Steel orthodontic Brackets	Syria	Shafiq Maher Fawakherji	15
	26/08/2021	Orthodontics	Master	Influence of the Delay of Orthodontic Metallic Bracket Bonding and Application of Antioxidant Agents on Shear Bond Strength alter Hydrogen Peroxide Dent'al Bleaching	Egypt	Shaima Saad Zaki Abu Al-Maati	16
	15/08/2021	Orthodontics	Master	Shear bond strength of orthodont'ic brackets bonded to a new version of zirconium all ceramic restoration: An in vitro comparative study	Egypt	Asim Muhammad Muhammad Abd El-Wahab	17

17/11/2020	02/04/2018	Orthodontics	Master	A Finite Element Analysis to estimate the success rate of miniscrews inserted under different conditions	Syria	Omar Nazzal Awir	18
20/09/2018	28/06/2016	Orthodontics	Master	Effects of enamel surface deproteinization utilizing sodium hypochlorite on bond characteristics of metallic orthodontic brackets	Egypt	. Ghada Abdel Aziz Mahmoud Mohamed	19
11/03/2018	04/04/2016	Orthodontics	Master	Hydroxyapatite Versus Fluoride Remineralizing Agents in Prevention and Treatment of Enamel Demineralization around Orthodontic Brackets	Egypt	Ghadeer Ahmed Ragheb Ahmed Zaher	20
20/09/2018	27/04/2016	Orthodontics	Master	Environmental Natural Extracts Inhibitory Effect on Corrosion of Nickel Containing Orthodontic ArchWires	Egypt	Ghadeer Magdy Muhammad Muhammad Abu Al-Enein	21



	26/08/2021	Orthodontics	Master	The Effect of Silver and Silver Chitosan Nanocoatings on Metallic and Ceramic Orthodontic Brackets	Egypt	Magda Shaaban Tawakkol Musad Ibrahim	22
17/10/2017	24/11/2015	Orthodontics	Master	Relationship of Microbial Colonization To Surface Roughness and Orthodontic Wire Type ( Esthetic VsNon Esthetic Orthodontic Wire)	Egypt	Mohamed Abdel-Khader- El Bialy.	23
19/03/2018	08/01/2015	Orthodontics	Master	Effect of Surface Treatment on the Stability of Mini-Implants during En- Masse Retraction Assessed by Cone Beam Computed Tomography	Egypt	Muhammad Al-Desouki Ahmed Al-Desouki	24
16/10/2017	27/05/2015	Orthodontics	Master	Effect of Thermal Aging on Mechanical Properties of Different Types of Nickel Titanium Orthodontic Wires. An In Vitro Study	Iraq	Muhammad Cengiz Abdullah	25

14/03/2018	15/04/2015	Orthodontics	Master	Ealy Treatment of Class II Division 1 Malocclusion with Modified Activator	Yamen	Muhammad Hammoud Saleh Al-Aoudi	26
23/09/2019	27/04/2016	Orthodontics	Master	Evaluation of tie masking effect of resin infiltrant on post-orthodontic white spot lesions	Egypt	Mohamed Abdel Latif El-Sayed Abdel Wahab	27
27/03/2016	28/05/2013	Orthodontics	Master	Evaluation of dental and skeletal effects of the Inman Power Component (IPC) appliance in the distalization of maxillary first molars	Syria	Muhammad Omar Ahmed Essam El Din Shaar	28
20/03/2019	27/03/2017	Orthodontics	Master	Tooth Size Discrepancies and Dental Arch Dimensions between Normal Occlusion and Different Malocclusions in an Egyptian Sample	Kiewit	Muhammad Fahd Abdullah Hamidi Ghanem Al-Maadadi	29
08/01/2020	27/04/2016	Orthodontics	Master	Evaluation of Rem ne raising Effect of Ozone on Chemically Induced Enamel Demineralization around Ortlodontic Brackets (In Vitro Study)	Egypt	Maryam Muhammad Abdullah Muhammad Muhammad	30
16/10/2017	20/09/2015	Orthodontics	Master	Effect of Piezopuncture on RANKE level during orthodontic tooth movement	Egypt	Mona Ghannam Muhammad Ghannam	31

04/03/2018	08/04/2015	Orthodontics	Master	A Randomized Clinical Trial to Evaluate Labial Alveolar Bone Thickness and Apical Root Resorption between Two Kinds of Brackets using CBCT	Palestine	Nader Asaad Abdan Jaqman	32
11/01/2021	26/12/2017	Orthodontics	Master	Evaluation of The Effect of Herbal versus Fluoridated Mouthwashes on The Frictional Resisnice between Orthodontic Brackets and Arch wires	Lybia	Nasser Abdelkader Boubacar Abdelkader	33
31/12/2019	07/06/2017	Orthodontics	Master	Evaluation Of Maxillary Molar Distalization Using Buccal Direct Skeletal Anchorage, Clinical Study	Egypt	Noha Ali Ali Abdul Hadi Saeed	34
06/05/2020	23/08/2017	Orthodontics	Master	Shear Bond Strength of Metal Orthodontic Brackets Rebonded to Enamel and Composite Surfaces Utilizing Four Different Adhesive Systems	Syria	Youssef Muhammad Al-Ibrahim	35

## Data on registered and granted Thesis supervised by the member:

Grant date	Registration date	Specialty	Degree	Thesis title	Nationality	Student name	N
19/07/2022	23/04/2019	Orthodontics	Ph.D	Effect of maxillary protraction with hybrid palatal expander-bone anchored, mandibular bar combination in maxillary retrusive patients.	Egypt	Ahmed Mohamed Kamel El Morsy	1
19/2/2023	27/11/2019	Orthodontics	Ph.D	Buccal versus palatal miniscrew supported distal enmasse (two-step) retraction: A clinical study.	Egypt	Ghadeer Ahmed Ragheb Ahmed Zaher	2
20/07/2022	09/09/2019	Orthodontics	Ph.D	Effect of Micro-osteoperforation (MOP) and Laser Application (LLLT) on the Rate of Orthodontic Tooth Movement during Bistalization A split-mouth' randomized clinical trial.	Egypt	Muhammad Ahmed Abdel Qader Al-Bili	3
26/10/2020	14/03/2017	Orthodontics	Ph.D	Evaluation of Simultaneous Intrusion and Retraction of Maxillary Incisors Using Orthodontic Mini-Implant Supported Three-Piece Burstone Base Arch	Egypt	Nihal Fouad Al Mahdi Al Balasi Muhammad	4

## Data on registered and granted theses supervised by the member:

Grant date	Registration Date	Specialty	Degree	Thesis title	Nationality	Student name	1
23/11/2020	23/08/2017	Orthodontics	Master	Zinc - oxide nano - coating improving the characteristics and antibacterial behavior of nikel titanium alloy	Egypt	Ahmed Fathi Muhammad Sayed Ahmed Wali Allah	1
27/12/2020	21/05/2017	Orthodontics	Master	Evaluation of the Effect of Platelet Rich, Plasma With and Without esenchymal Stem on Mini-Implant integration	Egypt	Ahmed Muhammad Ahmed Muhammad Ali	2
14/06/2022	15/05/2019	Orthodontics	Master	effects of fixed labial orthodontic appliances on oral fonctions in arabic speaking children	Egypt	Israa Al- Sayed Saad Al-Sayed	3
19/12/2017	07/06/2015	Orthodontics	Master	Evaluation of Buccal Indirect Skeletal Annehorage in Maxillary Molar , Distalization, Clinical Study.	Egypt	Israa Muhammad Mansour AL- Kanani	4
29/10/2013	11/04/2011	Orthodontics	Master	Evaluation Of dental and skeletal effects of the Fast Back appliance in distalization of maxillary first molars	Egypt	Alaa Abdel Salam Al- Sayed Al- Qasabi	5
20/8/2020	18/09/2016	Orthodontics	Master	One Step , Two Steps Vs . CO2 Laser effect on Enamel Etching and Shear Bond Strength.	Egypt	Amir Ashraf Muhammad Sweilem	6
06/05/2021	19/8/2018	Orthodontics	Master	Transfer accuracy of computer aided versus traditional bracket placement for indirect bonding technique : In vivo study	Egypt	Amira Hisham Ibrahim Fathi Muhammad Baghdadi	7
26/01/2011	17/06/2009	Orthodontics	Master	Treatment Of Developing Class Ii Division I Malocclusion With Jumper Twin Block	Sudan	Ethar Sharif Bashir Babiker	8
30/09/2012	23/08/2010	Orthodontics	Master	Intrusion of maxillary incisors by micoscrew implants Anchorage ofAngle Class II division 2 malocclusion cases.	Yamen	Bilal Abdullah Muhammad Mustafa	9

17/10/2017	06/04/2015	Orthodontics	Master	Evaluation of the Validity of Dental Models Derived from CBCT Compared with laser-Scanned and Plaster Models	Palastine	Rasha Youssef Muhammad Al-Tyan	10
30/05/2017	26/08/2013	Orthodontics	Master	Dento-skeletal Effects of the Rick-A- Nator Appliance	Egypt	Sahar Musa Ahmed Mustafa	11
16/10/2017	27/04/2015	Orthodontics	Master	Effect of Nano-Technology in Self Etch Bonding Systems on the Shear Bond Strength ofStainless Steel orthodontic Brackets	Syria	Shafiq Maher Fawakherji	12
	15/08/2021	Orthodontics	Master	Shear bond strength of orthodont'ic brackets bonded to a new version of zirconium all ceramic restoration: An in vitro comparative study	Egypt	Asim Muhammad Muhammad Abd El wahab	13
17/11/2020	02/04/2018	Orthodontics	Master	A Finite Element Analysis to estimate the success rate of miniscrews inserted under different conditions	Syria	Omar Nazzal Awir	14
20/09/2018	27/04/2016	Orthodontics	Master	Environmental Natural Extracts Inhibitory Effect on Corrosion of Nickel Containing Orthodontic ArchWires	Egypt	Ghadeer Magdy Muhammad Muhammad Abu Al-Enein	15
17/10/2017	24/11/2015	Orthodontics	Master	Relationship of Microbial Colonization To Surface Rouglmess and Orthodontic Wire Type ( Est'hetic VsNon Esthetic Orthodontic Wire)	Egypt	Muhammad Ahmed Abdel Qader Al-Bili	16

19/03/2018	08/01/2015	Orthodontics	Master	Effect of Surface Treatment on the Stability of Mini-Implants during En-Masse Retraction Assessed by Cone Beam Computed Tomography	Egypt	Muhammad Al-Desouki Ahmed Al-Desouki	17
23/09/2019	27/04/2016	Orthodontics	Master	Evaluation of tie masking effect of resin infiltrant on post-orthodontic white spot lesions	Egypt	Mohamed Abdel Latif El-Sayed Abdel Wahab	18
27/03/2016	28/05/2013	Orthodontics	Master	Evaluation of dental and skeletal effects of the Inman Power Component (IPC) appliance in the distalization of maxillary first molars	Syria	Muhammad Omar Ahmed Essam El Din Shaar	19
27/03/2016	29/01/2013	Orthodontics	Master	Distalization of maxillary molars by Modified bone anchored Keles appliance	Libya	Mohamed Farag Ahmed Al-Showerf	20
20/03/2019	27/03/2017	Orthodontics	Master	Tooth Size Discrepancies and Dental Arch Dimensions between Normal Occlusion and Different Malocclusions in an Egyptian Sample	Kiewit	Muhammad Fahd Abdullah Hamidi Ghanem Al-Maadadi	21
26/01/2011	20/05/2008	Orthodontics	Master	Anchorage loss with the use of implant anchorage during maxillary canine retraction	Egypt	Marwa Sameh Sayed Ahmed Al-Desouki Shamaa	22
08/01/2020	27/04/2016	Orthodontics	Master	Evaluation of Remineralizing Effect of Ozone on chemically Induced Enamel Demineralization around Orthodontic Brackets (In Vitro Study)	Egypt	Maryam Muhammad Abdullah Muhammad Muwafi	23

04/03/2018	08/04/2015	Orthodontics	Master	A Randomized Clinical Trial to Evaluate Labial Alveolar Bone Thickness and Apical Root Resorption between Two Kinds of Brackets using CBCT	Palestine	Nader Asaad Abdan Jaqman	24
11/01/2021	26/12/2017	Orthodontics	Master	Evaluation of The Effect of Herbal versus Fluoridated Mouthwashes on The Frictional Resisnice between Orthodontic Brackets and Arch wires	Libya	Nasser Abdelkader Boubacar Abdelkader	25
31/12/2019	07/06/2017	Orthodontics	Master	Evaluation Of Maxillary Molar Distalization Using Buccal Direct Skeletal Anchorage, Clinical Study	Egypt	Noha Ali Ali Abdul Hadi Saeed	26



## Data on registered and granted theses discussed by the member:

Grante Date	Registration Date	Specialty	Degree	Thesis Title	Nationality	Student Name	N
17/08/2016	12/04/2010	Orthodontics	Ph.D	Effect of Bilateral Eixed Space Maintainers on Skeletal and Dentoalveolar Growth Pattern in Childre n	Egypt	Hossam El-Sherbiny, Ismail Hamouda	1
	03/10/2023	Orthodontics	Ph.D	Impact of artificial intelligence-based prediction of facial changes in bimaxillary protrusion cases on patient motivation and satisfaction	Egypt	Kholoud Ahmed Abdel Ghani Abu Mandour	2
20/7/2022	9/92019/	Orthodontics	Ph.D	Effect of micro-osteoperforation (MOP) and laser application (LLLT) on the rate of orthodontic tooth movement during distalization : A split – mouth randomized clinical trial.	Egypt	Muhammad Ahmed Abdel Qader Al-Bili	3
29/03/2015	22/09/011	Orthodontics	Ph.D	The use of spiral computed tomography for assessment of apical root resorption after re taction of maxillary anterior teeth	Egypt	Marwa Sameh Sayed Ahmed Al-Desouki Shamaa	4

## Data on theses discussed by the member at other universities:

Granted Date	Registration Date	Specialty	Degree	Thesis Title	University	Student name	N
4/12/2018	4/12/2015	Orthodontics	Master	Evaluation of Smile Esthetics in Orthodontically Treated Adult Female Patients with Bimaxillarydent-alveolar Protrusion. Retrospective Cohort Study.	Cairo	Asmaa Ahmed Mahmoud Abu Al-Naga	1
6/7/2021	6/5/2018	Orthodontics	Master	Perception of Smile Attractiveness by Dental Professionals and Laypersons After Implementing Variations to the Smile lines of the Diagram of the Facial Aesthetics References : A Cross-sectional Study	Cairo	Mira Wanis Zaki Wanis	2
9/4/2023	9/4/2019	Orthodontics	Ph.D	Effect of gradually increasing force magnitude on the rate of canine retraction: a split mouth randomized controlled trial	Cairo	Shadi Abdel Salam Rizk	3
14/5/2023	14/5/2018	Orthodontics	Master	validity of quick cep versus dolphin software in digital tracing of lateral cephalometric radiographs of adult orthodontic patients	Cairo	Mai Fathi Radwan Ali	4
9/7/2023	6/7/2017	Orthodontics	Master	Comparison Between Digital Photogrammetric and Lateral Cephalometric Analysis Versus Smartphone Application for Orthodontic Soft Tissue Analysis: An Observational Study	Cairo	Mahmoud Ahmed Mustafa Ahmed	5
2023/7/9	2017/7/5	Orthodontics	Master	Effect Of Incremental Versus Maximum Mandibular Advancement For Skeletal Class II Subjects Using Twin Block Appliance: A Randomized Clinical Trial	Cairo	Khaled Muhammad Ali Hussein	6
21/01/2021	17/04/2016	Orthodontics	Ph.D	Applicability of a mathematical equation in tooth size prediction in mixed dentition in a sample of Egyptian adolescents with cleft lip and /or palate ( A retrospective study).	Ein-shams	Muhammad Ahmed Helmy Barghout	7

1/6/2022	15/1/2017	Orthodontics	Master	Comparison between Conventional and three dimensional orthodontic models using three different methods of acquisition	Ein-shams	Mai Adel Mahmoud Ahmed	2
10/7/2023	15/1/2017	Orthodontics	Ph.D	Three dimensional assessment of maxillary molars following distalization using two different approaches	Ein-shams	Jihan Muhammad Anwar Muhammad Khattab	3
	20/1/2019	Orthodontics	Ph.D	The validity and reliability of little irregularity index in the maxillary arch Vs the mandibular arch using 3D digital models.	Ein-shams	Dina Sabry Abdel Hamid Mohamed Balboul	4
	17/2/2019	Orthodontics	Master	Functional bite raisers for the treatment of skeletal class11 cases using three dimensional printing trchnology.	Ein-shams	Hala Ahmed Morsi Al-Borai	5
24/10/2016	13/1/2015	Orthodontics	Master	The effect of bite raising on root integrity.Scanning electron microscope and light microscopic study.	Tanta	Basma Hagrass	6
2/2/2021	16/1/72019	Orthodontics	Master	Two and three dimensionals CBCT scan in evaluation of alveolar bone width over maxillary incisors.	Tanta	Ezza Jamal Wafa	7
2/2/2021	18/9/2018	Orthodontics	Master	Reliability of Dhaval-Rohan Angle for assessment of vertical dysplasia	Tanta	Muhammad Harbi	8
21/2/2023	10/1/2019	Orthodontics	Master	Evaluation of different approaches for sagittal skeletal discrcrepancy assessment.	Tanta	Yamen Magdy	9

## **Prizes and rewards:**

- Award for the best research in the world in the field of orthodontics from the German Orthodontic Association for the research for the research entitled:

" Efficacy of a new sealant (SeLECT-Defense™) compared with no sealant in preventing white-spot-lesions during fixed orthodontic treatment over a 12 months period: A single-center, randomized controlled clinical".

- Global ranking of the best researchers in the world in the field of orthodontics from Stanford University - 2023.
- A certificate of appreciation for the effort in accrediting the Faculty of Dentistry from the National Authority for Quality Assurance for the first time.
- A certificate of appreciation from the Supreme Council of Universities for the effort to advance the dental profession from the Dentistry Sector Committee of the Supreme Council of Universities.
- A certificate of appreciation from the Performance Development Center at Mansoura University for training in the qualification program for academic leaders.

## **Research activities:**

- Evaluating research papers for promotion to the rank of professor and assistant professor in the promotions committee of the Supreme Council of Egyptian Universities (the thirteenth and fourteenth rounds).

- Evaluating research papers for promotion to the rank of professor and assistant professor in the promotion committee at Al-Azhar University.
- Evaluating of promotional research in the Council of the Military Medical Academy and the Council of Advisors for Medical Specialties in the Armed Forces.
- Member of the editorial board of the Egyptian Orthodontic Association Journal, 2023.
- Reviewer in international journals: (Angle Orthodontics, European Orthodontic Journal, Press Dental Journal).
- Reviewer in the: Egyptian Orthodontic Journal, Al-Azhar Dental Journal)
- Editor-in-chief: in "Advances in Clinical and Experimental; Dentistry Journal "2019/2020"
- Supervising many postgraduate students, Egyptians and foreigners.
- Participation in the arbitration and discussion committees of many master's and doctoral theses in the faculties of dentistry at Mansoura University and various universities.
- Attending many local and international conferences as a speaker and session leader.
- Participation in preparing research plans in some universities such as Mansoura and Tanta University.
- Participation in the research group in biomedical engineering in, 11/30/2022, to keep pace with the statements of His Excellency President Abdel Fattah El-Sisi on the necessity of making an effort to localize the manufacture of prosthetic limbs and prosthetic devices for people with special abilities on the level of the Arab Republic of Egypt (BERS) .

## **Community service and environmental development activities:**

- Organizing and supervising many medical convoys to various centers in Dakahlia and Damietta Governorates.
- Participating in training and giving lectures within the continuing medical education plan in health and safety hospitals, such as the Dental Training Center and Mansoura Specialized Hospital, and in various universities and unions, to spread awareness of everything new in the field of the profession.
- Supervising the treatment of patients in faculty's clinics and the paid treatment unit.
- Member of the Board of Directors of the Dental Training Center affiliated with the Dental Department of the Health Directorate in Dakahlia Governorate.
- Member of the Egyptian Orthodontic Association.
- Participation in many cultural salons nationwide.
- Member of the Clinical Society of Dental Surgeons and attends many of the scientific days and cultural seminars held there, such as the symposium of Professor Dr. His Excellency Minister Khaled Abdel Ghaffar, "Public and private university education, its pros and cons," and the symposium of Professor Dr. Wassim El-Sisi on "Medicine." Ancient Egyptians and others.
- Membership in some civil society associations and institutions, whose activities include services, health and social care, environmental care, and environmental and ethical awareness.
- Participation with the General Syndicate of Egyptian Dentists in holding an event (Womeneers), in support of the state's efforts to eliminate violence against women, which was held at the Princess Fatima Academy for Medical Education in Nasr City on November 26, 2021.
- Participation in the Egyptian Arms Exhibition "Egypt Defense Expo" as part of the Mansoura University team on 4-7/12/2023.