



Curriculum Vitae (CV) for Faculty Staff

Personal statement: I am an Associate Professor of Fixed Prosthodontics with a strong commitment to excellence in teaching, clinical practice, and research. Over the course of my academic career, I have cultivated expertise in advanced fixed prosthodontic techniques, digital dentistry, CAD/CAM restorative workflows, and evidence-based treatment planning. My passion lies in mentoring undergraduate and postgraduate students, fostering critical thinking, and integrating cutting-edge digital technologies into prosthodontic education and practice. My research focuses on innovative approaches to improving the accuracy, efficiency, and patient-centered outcomes of fixed prosthodontic procedures, including digital workflows for implant-supported restorations and ceramic materials. I am dedicated to advancing the field by publishing impactful research, collaborating across disciplines, and translating scientific developments into clinical solutions. With a blend of academic rigor, clinical proficiency, and leadership in curriculum development, I strive to inspire future dental professionals and contribute to the ongoing evolution of prosthodontic education and practice.

1. Personal Information	
Name:	Mohamed Abdelrahmn Ellayeh
Date and place of birth	1-12-1983 / Mansoura
Faculty:	Dentistry
Department:	Prosthodontics
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2. Education			
Date	Issuing institute	Field	Degree
May 2005	Faculty of dentistry- Mansoura University	Oral Medicine and Dental Surgery	BDS
November 2011	Faculty of dentistry- Mansoura University	Crown and bridge , conservative Dentistry and Endodontics	Masters
April 2017	Faculty of dentistry- Mansoura University	Fixed Prosthodontics	



3. Specialization and area of interest	
General	Prosthodontics
Focus area	Fixed prosthodontics – Indirect Restorations – Adhesion - Implant Prosthodontics – Digital Dentistry

4. Professional experience	
Position	Date
Clinical coordinator of level 1 at Mansoura Manchester Dental program	2017
Clinical coordinator of level 2 at Mansoura Manchester Dental program	2018
Clinical coordinator of level 3 at Mansoura Manchester Dental program	2019
Level 3 Director	2019 – 2023
Selection Panel Member for Global Citizenship in Dentistry (Mansoura Branch) 2018-2022 This international collaborative program in Operative Dentistry allowing Peer-learning education between students from HKU (Asia), IMU (Asia), Western Univ(USA), Univ of Manchester (UK) and Mansoura Univ (Middle East & Africa).	2019 – 2020
Head of CAD-CAM unit Faculty of dentistry – Horus University	2021 – 2022
Course Director of fixed Prosthodontics at Faculty of dentistry – New Mansoura University	2022 – 2025
Course Director of Occlusion at Faculty of dentistry – New Mansoura University	2023 – 2024
Course Director of Digital Dentistry Faculty of dentistry – New Mansoura University	2023 – 2025



5. Research Experience

Associate Professor & Investigator – Fixed Prosthodontics at Faculty of dentistry- Mansoura University – Egypt

Lead investigator on multiple in vitro and clinical studies focusing on indirect restorations

Developed and supervised a PhD research project on Implant-supported prostheses fabricated with different impression and CAD/CAM techniques.

Conducted multiple researches on different ceramic restorations contributing to evidence-based material selection and preparation guidelines

Investigated novel finish line designs and their influence on the marginal integrity of ceramic restorations.

Assisted in the supervision of postgraduate theses focusing on digital dentistry applications in fixed prosthodontics.

6. Publications

Name of Author(s)	Title
ORCID: https://orcid.org/0000-0002-3440-4906	
AAK Abo Zaid, M Ellayeh, AA Abou Elnaga	Bond Strength to Zirconia Ceramic after Different Surface Treatments. ACDJ 2025;4(1),55-68.
HA Mahgoub, M Ellayeh, A Attia	Bonding of Resin Cement to Monolithic Zirconia Ceramic After Different Artificial Aging. ACDJ 2025;4(1), 44-54
AH Fawzy, MARA Shahat, M Ellayeh, EM Abdulhady	Omega Roll-Envelope Flap versus Free Sub-Epithelial Connective Tissue Graft in Thin Periodontal Phenotype in Stage II Implant Tissue Graft in Thin Periodontal Phenotype in Stage II Implant Surgery: Randomized Controlled Clinical Trial Surgery: Randomized Controlled Clinical Trial. Mansoura Journal of Dentistry 2024;11(4), 8.
IA Futian, MA Ellayeh, SA Abo El-Farag	Impact Of Different Erosive Media On Surface Roughness And Bond Strength Of Repaired Lithium Disilicate Ceramic Using Two Repair Systems: An In Vitro Study. Egyptian Dental Journal 2024; 70 (4), 3699-3710
Amr Yousef Elshahawy, Laila Ibrahim Ragab, Mohamed Ellayeh and Ayman Abdel Rahim Elkashfy.	Clinical and Radiographical Assessment of the Role of Platelet Rich Fibrin with Delayed Short Dental Implants Placement (Comparative Clinical Study). Egyptian Dental Journal.2024 April;70(2):1213-1222.
Soliman TA, Raffat-Hussein EM, Ellayeh M, Farahat DS	Effect of Surface Treatments on Adhesion of Milled Polyetheretherketone Post to Different Composite Resin Core



	Build-Up Materials. J Clin Exp Dent. 2023 Sep 1;15(9):e742-e748. doi: 10.4317/jced.60740. PMID: 37799756; PMCID: PMC10550076
Mohamed Ellayeh, Tarek Soliman , Nesma Elgohary.	Effect of Surface Pre-treatments and Thermocycling on Microtensile Bond Strength of Lithium Disilicate Glass Ceramics to Self Adhesive Resin Cement. Egyptian Dental Journal. 2023 April;69(2):1481-1492. Serial Number 4
Ahmed Sapri , Ayman Elkashty , Mohamed Ellayeh	Immediate implant placement in the mandibular posterior region combined with ridge preservation and socket sealing with custom healing abutments and delayed loading protocol. A radiographic evaluation of vertical and horizontal alveolar bone changes. Egyptian Dental Journal. 2023 April;69(2):957-967
Kasem AT, Ellayeh M, Özcan M, Sakrana AA.	Three-year clinical evaluation of zirconia and zirconia-reinforced lithium silicate crowns with minimally invasive vertical preparation technique. Clin Oral Investig. 2022 Nov 16. doi: 10.1007/s00784-022-04779-1
Salem MT, El-Layeh M, El-Farag SAA, Salem AS, Attia A.	Clinical assessment of different implant-supported esthetic crown systems fabricated with semi-digital workflow: Two-year prospective study. J Esthet Restor Dent. 2022 Dec;34(8):1247-1262. doi: 10.1111/jerd.12961. Epub 2022 Sep 19. PMID: 36120840.
Asmaa Abd El Rhman , Mohamed El Layeh, Mohamed Hamed Ghazy	Evaluation of Fracture Resistance and Retention of different CAD CAM Endocrowns Materials Luted to Maxillary Premolars International Journal Dental and Medical Sciences Research Volume 4 , Issue 4 July- Aug 2022 , Page No : 129-135
Sultan Hamood , Ahmed Attia , Mohamed El-Layeh	Effect of Etching Time and Technique on Bonding to Machinable Glass Ceramic. Mansoura Journal of Dentistry 2021;8(31):50-54
Khaled M Naeim, Ahmed Attia, Mohamed Ellayeh.	Bond Strength of Machinable Ceramic Using Conventional Silane and Multipurpose Prime. Mansoura Journal of Dentistry 2021;8(30):16-20
Kasem AT, Sakrana AA, Ellayeh M, Özcan M.	Evaluation of zirconia and zirconia-reinforced glass ceramic systems fabricated for minimal invasive preparations using a novel standardization method . J Esthet Restor Dent. 2020 Sep;32(6):560-568.
Sarah El-ayouty, Mohamed El-layeh, Manal Abou-Madina	Effect of Different Surface Treatments on Shear Bond Strength of Zirconia Based Ceramic and Veneering Porcelain. Mansoura Journal of Dentistry 2020;7(26):32-38.
Mohamed Diaa Algendi, Ahmed Attia, Mohamed A. El-Layeh	Bond strength of resin cements to zirconia ceramics: Influence of micromechanical roughening and chemical etching. Mansoura Journal of Dentistry 2019;6(22):94-99



Reem Mohamed Elhadidy, Mohamed Hamed Ghazy, Mohamed Abd El-Rahman El Layeh,	Influence of different surface treatments on the bond strength of polyetheretherketone crowns luted to dentin. Int J Dent Health Sci 2018; 5(2):180-190
Shaimaa A. Abo El-Farag and Mohamed A. El-layeh.	Retention of two esthetic crown systems. E.D.J. Vol. 64, No. 3 2018
Mohamed El-Layeh, Ahmed Attia, Mohamed A. Tawfik, Hassan A. M. Soltan.	Clinical evaluation of zirconia abutment versus titanium abutment for early loaded implant-supported crowns. E.D.J. Vol. 62, No. 4 2016
Mohamed El-Layeh, Ahmed Attia, Mohamed A. Tawfik, Hassan A. M. Soltan.	Effect of cyclic loading and occlusal scheme on in vitro and clinical outcome of immediate function loaded dental implants. Cairo Dental journal No(3) 647:54 September 2011

7. Conferences and Presentations

Name- organizer	Place and date	Type of participation
Menoufia Dental Conference by Faculty of Dentistry – Menoufia University	October 2024 - Menoufia University	Speaker
Ministry of Health and Population and Specialized Medical Centers	Mansoura specialized Hospital - September 2024	Speaker
12th Dakahlia Dental syndicate Congress endorsed by Royal College of physicians and surgeons of Glasgow.	1-3 November 2023 – Mansoura	Speaker
5th Egyptian Prosthodontic Association Conference	Horus University in Egypt. 21- 22 September 2023	Speaker
Egyptian Dental Syndicate International Conference	Intercontinental Citystars Hotel, Cairo – Egypt (September 2022).	Speaker
Ministry of Health and Population and Specialized Medical Centers	Mansoura specialized Hospital - September 2022	Speaker
4th Mansoura International Dental Congress by Faculty of Dentistry – Mansoura University	Mansoura University Hotel, Mansoura, Egypt (October 2022).	Speaker
4th Mansoura International Dental Congress by Faculty of Dentistry – Mansoura University	Mansoura University Hotel, Mansoura, Egypt (October 2022).	Organization (Head of social committee)



18th scientific Day Organized by Dakahlia Dental syndicate and Pharco Company	June 2022	Speaker
11th Dakahlia Dental syndicate Congress endorsed by American Dental Association CERP	8-10 December 2021, Mansoura	Speaker
3rd regional EDD. Egyptian dental forum	Delta University- 6 march 2020	Speaker
scientific Day (Mega crown)	Mansoura Dental Syndicate. 27 February 2020.	Speaker
3rd Mansoura International Dental Congress	Mansoura University Hotel, Mansoura, Egypt. 30 October- 1 November 2019.	Speaker
3rd Mansoura International Dental Congress	Mansoura University Hotel, Mansoura, Egypt. 30 October- 1 November 2019.	Organization (Head of social committee)
1st African health summit Conference	International convention and exhibition Center New Cairo. 29 Jan – 1 Feb 2019 .	Speaker
10th Dakahlia Dental syndicate Congress sponserd by Horus University in Egypt.	28-30 November 2018 – Mansoura	Speaker

8. Training courses

Course name-organizer	Date
Research ethics - FLDP by Mansoura University	8-1-2012
Use of technology in teaching - FLDP by Mansoura University	15-1-2012
Exam systems and student assessment - FLDP by Mansoura University	22-1-2012
Scientific publishing - FLDP by Mansoura University	5-2-2012
Strategic Planning - FLDP by Mansoura University	19-2-2012
Credit Hours System - FLDP by Mansoura University	25-12-2016
Local and global competitive research projects - FLDP by Mansoura University	1-1-2017



Legal and financial aspects of university-FLDP by Mansoura University	15-1-2017
How to write scientific articles - FLDP by Mansoura University	22-1-2017
Time and meeting management - FLDP by Mansoura University	7-5-2017
Quality standards in the teaching process - FLDP by Mansoura University	21-5-2017
objective structured clinical examination	7-9th August 2027
Visiting University of Manchester, Division of Dentistry for training and to support development of MMDP	April 2018
Preparing and designing electronic tests - FLDP by Mansoura University	11-5-2020
Design and preparing of electronic courses - FLDP by Mansoura University	22-6-2020
Personal website design for faculty staff - FLDP by Mansoura University	1-7-2020
Research team management - FLDP by Mansoura University	4-7-2020
Creativity, innovation and entrepreneurship skills - FLDP by Mansoura University	6-7-2020
Scientific research engines and university ranking methods - FLDP by Mansoura University	12-8-2020
Workshop (teaching and technology) for the “2020 Teaching Excellence in Dental Education“ program	
Workshop (Curriculum Design) by prof. Corrado Paganelli for the “2020 Teaching Excellence in Dental Education“ program ,	November 15 – 2020
Workshop (New technologies and scientific discoveries impact on dental education) for the “2020 Teaching Excellence in Dental Education“ program ,	December 9 – 2020
Workshop (teaching How to understand and evaluate dental research) by prof. Domenico Dalessandri for the “2020 Teaching Excellence in Dental Education“ program ,	December 16 – 2020



Workshop (assessment design & implementation – part I) by Dr. Ingrid Toni,	January 13 – 2021
Workshop (assessment design & implementation – part II) by Dr. Ingrid Toni,	January 14 – 2021
Methods of measurement, evaluation, and test items preparation course by The Higher Education Development Project Management Unit in Egyptian Universities (Measurement and Assessment Unit)	19th May 2021
Workshop and training on Thinqi: Learning Management System (LMS) to be certified as University trainer for faculty staff members	2022
Designing Interdisciplinary Programs in Education and Scientific Research	15-16 may 2025

9. Teaching Experience for last 5 years		
Course Name	Year	Institute
Teaching of fixed prosthodontics	2020 – 2022	Full time at Faculty of Dentistry, Mansoura University Part time at Faculty of Dentistry, Horus University
Teaching Prosthodontics course	2020 – 2023	Mansoura Manchester Dental program - Mansoura University
Teaching of Fixed prosthodontics for students of 3rd , 4th & 5th years	2022-2025	Faculty of Dentistry, New Mansoura University
Teaching of Occlusion for students of 2 nd year	2023-2024	Faculty of Dentistry, New Mansoura University
Teaching of Digital Dentistry for students of 3 rd year	2024-2025	Faculty of Dentistry, New Mansoura University

Accreditation and Quality Assurance Office



10. committees' membership and community service

Date	Name or type of membership/service
2019 – 2023	Member of the Committee for Supervision and Monitoring of Clinics and Laboratories (Full time at Faculty of Dentistry, Mansoura University)
2019 – 2023	Member of the Subcommittee for the Mansoura–Manchester Program

11. Awards And Honors

Name	Date	Issuing authority

12. Other skills

- Strong team collaboration in clinical and research settings
- Committee work (member of supervision, monitoring, and curriculum subcommittees)
- Excellent communication with students, patients, and colleagues
- Strong organizational skills for managing courses, clinics, and research projects
- Leadership and teamwork in academic committees and clinical settings
- Time management to balance teaching, research, and clinical duties
- Empathy and patience when dealing with students and patients
- Continuous learner committed to professional development

Accreditation and Quality Assurance Office

13. References

Prof Neil Patel – Fellow in school of Dentistry – University of Manchester

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Prof. Yasser Lotfy – Dean of Faculty of Dentistry – Mansoura University

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Prof. Abeer Abdellatif – Faculty of Dentistry – Mansoura University

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