



# Eman Gamal Helal

Associate professor. Prosthodontics

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## Personal Data

**Birth date:** 12/9/1982

**Gender:** Female

**Nationality:** Egyptian

**Marital status:** Married

**Address:** 43 Reyad street .Mohandessin. Giza. Cairo. Egypt



## Education

- Doctor of philosophy (Phd) in prosthodontics Cairo University -2017

**Thesis:** Bone height changes of the edentulous ridge in Screw Retained versus Telescopic restorations for completely edentulous patients (Randomized Controlled Clinical Trial).

- Master of Science (MSc) in prosthodontics - Cairo University - 2012.

**Thesis:** Comparative study of the effect of different cleansing methods on the surface roughness of conventional and flexible acrylic denture base materials.

- Bachelor of Oral & Dental Medicine - Cairo University, May 2004.

## Professional and Career Experience

### Current Position:

Associate professor, Fixed and Removable Prosthodontics Department, Oral & Dental Research Institute, National Research Centre, Egypt

Associate professor of prosthodontics, College of Dentistry, Misr University For Science and Technology (MUST), Cairo, Egypt (Part-time).

***Previous Positions:***

- **(2020/2021)Online**  
Lecturer of Prosthodontics, Al-Ayen University, Al-Naserya .Iraq
- **(2019/2020)**  
Lecturer of Prosthodontics, Al-Ayen University, alNaserya .Iraq
- **(09/2018-06/2019)**  
Assistant Professor of Prosthodontics ,Restorative Department,College Of Dentistry ,Gulf Medical University,Ajman,United Arab Emirates.
- **(05/2017-08/2018)**  
Researcher.Fixed and Removable Prosthodontics Department .Oral & Dental Research Division .National Research Centre , Egypt.
- **(12/2013- 08/2018)**  
Prosthodontist and Implantologist. Clinics of Hospital of Scientific Excellence, National Research Centre ,Egypt.
- **(09/2017-08/2018)**  
Lecturer of prosthodontics, Faculty of Dentistry, Misr International University for science and Technology(MUST),Cairo,Egypt (Part-time).
- **(02/2017-07/2017)**  
Lecturer of prosthodontics, Faculty of Dentistry, Misr International University(MIU),Cairo,Egypt (Part-time).
- **(12/2013 – 05/2017)**  
Assistant Researcher,Fixed and Removable Prosthodontics Department ,Oral & Dental Research Division .National Research Centre , Egypt.
- **(06/2011-12/2013)**  
Researcher`s assistant Fixed and Removable Prosthodontics Department , Oral & Dental Research Division. Clinics of Hospital of Scientific Excellence .National Research Centre , Egypt.
- **(09/2011-1/2012)**  
G.P. Alarjan Medical Polyclinic, Tabuk. Saudi Arabia.

- (02/2006-06/2011)  
Specialist ,Fixed and Removable Prosthodontics Department , Oral & Dental Research Division. Clinics of Hospital of Scientific Excellence .National Research Centre , Egypt.
- (11/2004-10/2005)  
Intern dentist ,outpatient clinics .Faculty of Oral and Dental Medicine Cairo University.Egypt.

## **Puplications and activities**

1-“Prosthetic and biological complications of implant-retained fixed versus removable telescopic overdentures : randomized controlled clinical trial”. Shady M. El Naggara, Eman Helalb, Mai F.F. Khalil, Ahmed M. Esmat El-Sisy, Ayman Gouda Journal of The Arab Society for Medical Research 2022; 17:39–45.

2- Comparative study of maxillary denture-base retention between CAD/CAM (3D printed) and conventional fabrication techniques: a randomized clinical study Shady M. EL Nagggar, Eman Helal, Mai F.F. Khalil, Ahmed M. Esmat El-Sisy, Ayman Gouda Journal of The Arab Society for Medical Research 2022, 17:46–51

3-“ Precision and accuracy of digital smile analysis in removable complete denture” Shady M. EL Nagggar, Eman Helal, Mai F.F. Khalil, Ahmed M. Esmat Journal of The Arab Society for Medical Research 2022, 17:52–58

4- “Acoustic Speech Analysis of CAD/CAM and Conventional Kennedy Class IV Removable Partial Dentures”. Shady M. EL Nagggar, Eman Helal, Mai F.F. Khalil, Ahmed M. Esmat,Asmaa Elboraey. Journal of The Arab Society for Medical Research 2022 (accepted).

5-“Color stability of heat polymerized complete dentures and 3D printed CAD/CAM dentures: A cross-over clinical study” Shady M. EL Nagggar, Eman Helal, Mai F.F. Khalil, Ahmed M. Esmat,Asmaa Elboraey. Journal of The Arab Society for Medical Research 2022 (accepted).

6-“Amount of Bone Loss and Digital Occlusal Analysis of Different Attachment Designs in Bilateral Distal Extension Partial Denture

Cases”. Eman Helal, Ahmed M. Esmat and Sherihan M. Eissa.  
International Journal of Advanced Research 2020;8(12): (431-438).

7-“Probing depth and patient satisfaction with mandibular overdentures retained by four versus two mini-implants: randomized controlled clinical study “

May Mahmoud Hassan, Ayman Gouda *and* Eman Helal Egyptian Dental Journal, Vol. 67, 3447:3456, October, 2021 .

8-“peri-implant marginal bone loss and oral health-related quality of life in patients treated by mini-implant-retained mandibular overdentures with different occlusal schemes (lingualized, monoplane and bilateral balanced): a randomized clinical trial” Iman Adel El-Asfahani *and* Eman Helal Egyptian Dental Journal, Vol. 68, 923:936, January, 2022

9-“Influence of denture adhesives on oral health quality of life , occlusion and disocclusion times of digitally fabricated and designed removable complete dentures (clinical cross over study)” Eman helal, Ahmed M.esmat, Ayman F. Elawady and Maie F. F. Khalil .  
International Journal of Advanced Research 2022.

10- Randomized Clinical Trial : Bone Height Changes of the Mandibular Edentulous Ridge in Screw Retained Versus Telescopic Restorations for Completely Edentulous Patients. Helal E, El-Zawahry M, Gouda A, Elkhadem AH, Ibrahim SI. Open Access Maced J Med Sci. <https://doi.org/10.3889/oamjms.2017.004>

11-Maxillary sinus lift using osteoinductive simvastatin combined with  $\beta$ -TCP versus  $\beta$ -TCP – a comparative pilot study to evaluate simvastatin enhanced and accelerated bone formation Ayman Gouda ,Eman Helal,Sherif Ali ,Saleh Bakry &Salah Yassin  
<http://www.tandfonline.com/doi/full/10.1080/00016357.2017.1381345>

12-Does Implant Fixed Restoration Can Reverse The Physiological Route Of Mandibular Bone Resorption Of The Posterior Edentulous Area For The Completely Edentulous Patients?: Systematic Review  
Eman Helal · Ahmed M. Esmat · Ayman Gouda · A. O. Lotfy · Mohamed El-Zawahry Annals of International medical and Dental

Research. 3.10.21276/aimdr.2017.3.6.DE12. DOI:  
10.21276/aimdr.2017.3.6.DE12

13-The effect of different cleansing methods on The surface roughness of conventional and flexible acrylic denture base materials. Eman Gamal Eldeen Rashed,Samira Ibrahim,Amal Ali Swelem and Amany Ramadan; E.D.J. 2012: 59, 1797-1804.

- Attendance of the 10<sup>th</sup> International Implantology Conference “Implant Innovation” Egyptian Scientific Society for Dental Implantologists 25-27 april 2017 .

## **Presentations And Talks**

- ❖ *Esthetics and cosmetics in prosthodontics .Oral and Dental Research Institute. National Research Centre Cairo Egypt 2022 .*
- ❖ *Effective data presentation ,Online lecture,Conference Unit ,National Research Centre Cairo Egypt 2022 .*
- ❖ *Oral & Dental Research Division seminar: Bone height changes of the edentulous ridge in Screw Retained versus Telescopic restorations for completely edentulous patients (Randomized Controlled Clinical Trial). National Research Centre , Cairo,Egypt 2017*
- ❖ *Case Report poster presentation : Rehabilitation of trauamatized maxilla for life like appearance 19th World Congress Dental Traumatology and the 5th Trans-Tasman Endodontic Conference 11th-13th August 2016 Brisbane.Australia.*
- ❖ *The philosophy of tooth- implant connection. National Research Centre , Cairo,Egypt 2016*
- ❖ *CAD/CAM bone blocks National Research Centre , Cairo,Egypt. 2015*
- ❖ *Surgical and prosthetic implant tools (comparison between the different systems) National Research Centre , Cairo,Egypt. 2014 □*
- ❖ *The dogma of tooth-implant connections; problems and suggested solutions Prosthodontics department,Cairo university. 2015 □*
- ❖ *Esthetics in implant dentistry Prosthodontics department,Cairo university. 2015 □*
- ❖ *Antibiotic Prophylaxis before dental implant placement Prosthodontics department,Cairo university. 2015 □*
- ❖ *Optimal Number of Dental Implants required to Support an Over-denture Prosthodontics department,Cairo university. 2015 □*
- ❖ *-CAD/CAM bone blocks Prosthodontics department,Cairo university. 2015*
- ❖ *Maxillary sinus lifting with and without bone augmentation Prosthodontics department,Cairo university. 2015 □*

- ❖ *Critical appraisal of :“Management of shortened dental arches and periodontal health: 5-year results of a randomised trial” Prosthodontics department,Cairo university. 2015*
- ❖ *Removable methods for increasing vertical dimension of occlusion (indications,types) Prosthodontics department,Cairo university. 2014*
- ❖ *Critical appraisal for :Interventions for replacing missing teeth: dental implants in zygomatic bone for the rehabilitation of the severely deficient edentulous maxilla (Review) Prosthodontics department,Cairo university. 2014*
- ❖ *Immediate implant placement Prosthodontics department,Cairo university. 2014*
- ❖ *Surgical and prosthetic implant tools (comparison between the different systems) Prosthodontics department,Cairo university. 2014* □
- ❖ *Immediate denture Prosthodontics department,Cairo university. 2014*

## **Media Activities**

- **Authoring a booklet to simplify science in Arabic entitled: "What you should know about dental implants - "Deposit No. 2022 (14327) - International Deposit Number (0238994977978) .**
- **Publishing a scientific article affiliated to the Publishing Department - Information Center - National Research Center entitled "Damage and Risks of Tooth Loss" in issue (535) on (15/5/2022).**

## **Recognition**

- **A certificate of appreciation from the Department of Fixed and Removable prosthodontics .National Research Centre for contributing to the activities of the department 2016/2017 .**
- **A certificate of appreciation from Princess Fatema Academy for Professional Training to participate in judging and discussing the competition held between the doctors of the Ministry of Health, Arab Republic of Egypt 2022.**

## **Organizing local workshops:**

- **Organizing a workshop entitled "Ergonomics in Dentistry" at the National Research Center on 19/05/2022 .**

## **Training Courses:**

- **Sample size calculation** Completion of a course at the Training Center at the National Research Center in 2020

## **International Activities**

- **Delivered a lecture at the eleventh annual international conference of Gulf Medical University Ajman. United Arab Emirates.**
- **Member of the Arab Society for Medical Research since 2022**

## **Languages**

- **Arabic – native language.**
- **English – Speak fluently and read/write with high proficiency.**

## **Computer Skills**

- **Microsoft office : International Computer Driving License(ICDL).**
- **Mimics software: virtual three dimensional implant planning .**

## **Personal skills**

**Highly motivated, Enthusiastic, eager to meet challenges and quickly assimilate new concepts.**