

Nawar Naguib Nawar, BDS, MSc, PhD

Associate Professor of Endodontics, The British University in Egypt

Phone numbers: +20100-2585543

E-mail: drnawar1986@hotmail.com

Date of Birth: 23rd January 1986

Address: 24 M. Hasan Gamal st. Abbas Elakad – Nasr City – Cairo

Nationality: Egyptian



Summary

Active contributor to different aspects of education for over a decade including lecturing, hands-on supervision, examinations, clinical work, thesis supervision as well as the administrative work of quality assurance.

Completed a 15 years-long journey of education at Ain Shams University; one of the top dental schools in Egypt, achieving the BDS in 2008, the endodontic MSc in 2014, and the Doctorate in endodontics in 2018.

Active contributor to endodontics-related research by producing quality research in top-ranking peer-reviewed journals and reviewing for the European endodontic journal, and BMC Oral Health.

Recipient of four research and travel grants.

Skilled endodontist who couples theoretical knowledge with deep clinical experience.

Formal Education

Passed Qatar's Endodontics Speciality exam on January 8th 2025

Doctorate degree (DDSc = PhD)

Faculty of Dentistry Ain Shams University

- Doctorate degree (DDSc) in Endodontics; 2018
- Thesis title: (Efficiency of diode laser use on cleaning and bonding to root canal dentin).
- Earning the degree dictates also fulfilling (1) clinical requirements (Wide range of cases of hard to extreme difficulties spanning various aspects of conventional endodontics, regenerative endodontics, and endosurgeries) (2) academic requirements of seminars and case presentations and (3) passing exit exams (Written, Oral and Practical).

Masters' degree (MSc)

Faculty of Dentistry Ain Shams University

- Master's degree in Endodontics; 2014
- Thesis title (Evaluation of the Reciprocation Technique of Single (SU) File Versus the Conventional Rotary Sequence of the Revo-S Files in Curved Root Canals).
- Earning the degree dictates also fulfilling (1) clinical requirements: 150 cases with a minimum of 80 molars (2) passing exams (Written, Oral, and Practical).

Bachelor's degree (BDS)

Faculty of Dentistry Ain Shams University

- Bachelor's degree in dental medicine and surgery; 2008

High school degree

Mubarak Language School - Nasr City

- Secondary school in Egypt with a general grade of 99.8%

Other Education

Students' Evaluation and Examination Systems	2023
<i>Faculty and Leadership Development Center (FLDC), Cairo University</i>	
Critical Thinking	2023
<i>Faculty and Leadership Development Center (FLDC), Cairo University</i>	
International Publishing	2023
<i>Faculty and Leadership Development Center (FLDC), Cairo University</i>	
Improving Research Dissemination and Impact	2019
<i>The British University in Egypt</i>	
Efficient Communication	2014
<i>Faculty and Leadership Development Center (FLDC), Nahda University</i>	

Career Experience

Research Output

Peer-Reviewed Publications (arranged on recency):

Sira A, Nawar NN, Saber SM, Kim HC. **The Effect of Different Separated File Retrieval Strategies on the Biomechanical Behavior of a Mandibular Molar: A Finite Element Analysis Study.** Journal of Endodontics. 2025; 51(1):64-70.

Nawar NN, Elashiry MM, El Banna A, Saber SM, Schäfer E. **Ex-vivo evaluation of clinically-set hydraulic sealers used with different canal dryness protocols and obturation techniques: a randomized clinical trial.** Clinical Oral Investigations 2024;28(11):612.

Abdelfattah RA, Nawar NN, Kataia EM, Saber SM. **How loss of tooth structure impacts the biomechanical behavior of a single-rooted maxillary premolar: FEA.** Odontology 2024;112(1):279-86.

Nawar NN, Abdelfattah RA, Kataia M, Saber SM, Kataia EM, Kim HC. **Effect of proximal caries-driven access on the biomechanical behavior of endodontically treated maxillary premolars.** Journal of Endodontics 2023; 23(10), 1337-43.

Nawar NN, Elkholy MMA, Ha WN, Bürklein S, Saber SM. **Parallel endodontic education via social media: an exploratory survey study.** Australian Endodontic Journal. Australian Endodontic Journal. 2023; 49(3), 512-23.

Saber SM, Elashiry MM, Sadat SAME, Nawar NN. **A microcomputed tomographic analysis of the morphological variabilities and incidence of extra canals in mandibular first molar teeth in an Egyptian subpopulation.** Nature's Scientific Reports 2023; 13(1), 8985.

Nawar NN, Elkholy MMA, Ha WN, Saber SM, Kim HC. **Optimum shaping parameters of the middle mesial canal in mandibular first molars: A finite element analysis study.** Journal of Endodontics 2023; 49(5), 567-74.

Alshazly N, Nawar NN, Plotino G, Saber S. **The biomechanical behaviour and life span of a three-rooted maxillary first premolar with different access cavity designs: A finite element analysis.** European Endodontic Journal 2023; 8(3), 231-6.

Saber SM, Seoud MAE, Sadat SAME, Nawar NN. **Root and canal morphology of mandibular second molars in an Egyptian population: A cone-beam computed tomography study.** BMC Oral Health 2023; 217.

Nawar NN, Kataia M, Omar N, Kataia EM, Kim HC. **Biomechanical behavior and life span of a maxillary molar according to the access preparation and pericervical dentin preservation: Finite element analysis.** Journal of Endodontics 2022; 48(8): 902–8.

Saber SM, Alfadag AMA, Nawar NN, Plotino G, Hassanien EE. **Instrumentation kinematics does not affect bacterial reduction, post-operative pain, and flare-ups: A randomized clinical trial.** International Endodontic Journal 2022; 55(5): 405–15.

Eldeeb IM, Nawar NN, Saber SM, Hassanein EE, Schäfer E. **Smear layer removal and sealer penetration with different tapers after using photoinitiated photoacoustic streaming technique.** Clinical Oral Investigations 2021; 25(8): 5025–32.

Saber SE, Abu El Sadat S, Taha A, Nawar NN, Abdel Azim A. **Anatomical analysis of mandibular posterior teeth using CBCT: An endo-surgical perspective.** European Endodontic Journal 2021; 6(3):264–70.

Elkholy MMA, Nawar NN, Ha WN, Saber SM, Kim HC. **Impact of canal taper and access cavity design on the life span of an endodontically treated mandibular molar: a finite element analysis.** Journal of Endodontics 2021; 47(9):1472–80.

Saber SM, Hayaty DM, Nawar NN, Kim HC. **The effect of access cavity designs and sizes of root canal preparations on the biomechanical behavior of an endodontically treated mandibular first molar: a finite element analysis.** Journal of Endodontics 2020; 46(11):1675–81.

Nawar NN, AlGendy AAH, Hassanein EE. **Disinfection ability of diode laser when used in irrigation activation versus passive ultrasonic activation.** International Journal of Advanced Research 2018;23 (12):141–52.

Nawar NN, AlGendy AAH, ElAshry S. **Evaluation of the reciprocation technique of single (SU) file versus the conventional rotary sequence of the Revo-S files in curved root canals.** Egyptian Dental Journal 2014; 60(12):1532–41.

Oral Presentations in Conferences

Endodontic retreatment: A walk through the decision making process.

IDEX, Cairo, 22nd – 24th February 2024.

Access cavity designs: Practicality vs showmanship

20th Biennial ESE Congress held in Budapest, 7th – 10th September 2022.

Minimally invasive approaches: Are they really bio-logical?

PanEndo, Cairo, 10th June 2022.

Laser in endodontics: Game changer or an elusive dream?

PanEndo, 10th – 13th December 2019.

Rotation or reciprocation?

IDEX, Sharm ElSheikh, 21st – 23rd January 2016.

Rotation or reciprocation?

16th International Dental Congress. 5th - 8th November 2015, Cairo.

Taking endodontics to the next level

Scientific day of Fayoum dental syndicate 24th April 2015, Fayoum

Teaching experience

- **Associate Professor:** British University in Egypt (3/2024 - present)
- **Lecturer:** British University in Egypt (1/2019 – 2/2024)
 - Quality assurance supervisor of Endodontic Department 2018-still
 - Course coordinator of year-5 for the academic year 2017/2018
 - Course coordinator of year-3 for the academic years 2018/2019 to 2021/2022
 - Participation in lectures of year-3 (preclinical course), year-5 (clinical course), interns, and postgraduate.
 - Practical supervision:
 - Year 3 (preclinical course) practical sessions: instructor & senior supervisor (6 hours/week)
 - Year 5 clinic: senior supervisor (8 hours/week),
 - Interns clinic: senior supervisor (5 hours/week),
 - Postgraduate: supervisor (5 hours/week).
 - MSc candidates supervision:
 - First class: 3 candidates were assigned to Nawar. One of them was published in the European endodontic journal and another in the Journal of Endodontics and Odontology.
 - Second class: 3 candidates have registered protocols and are working on their thesis.
- **Assistant Lecturer:** Four years in the Department of Endodontics - British University in Egypt (9/2015 – 2018).
- **Demonstrator:** Four years in the Department of Endodontics – Nahda University in Beni Swef (9/2011 – 8/2015).

Clinical experience

- **Endodontist and Endodontic Consultant**

1. Hamza Dental Clinic (Prof. Dr. Tamer Hamza is a Prof. of fixed prosthodontics and the dean of the faculty of dentistry-Azhar University/Badr University) **(Jan 2016 – still)**
2. Alhalawany Dental Center (AlMasalla Square - AlFayoum) **(Aug 2014 - still)**
3. Dr Ahmed ElHoushy Clinic (Ass. Prof of operative dentistry – Cairo University and Future University) **(Oct 2014 – May 2016)**

- **Dental Operator**

Worked as a dental operator in private clinics of more experienced doctors from August 2010 to January 2012.

1. Dr. Amr Helal dental clinic (Alzahraa, Nasr City)
2. Dr. Mahmoud Algharib (8th district, Nasr City)
3. AlNour Dental center (Almohandesen)

One year as the dentist of the Egyptian Air Force HQ during the military service from June 2010 to June 2011.

- **Intern**

Nine internship months in Aldimerdash Hospital from February 2009 to November 2009.

Three internship months in the Faculty of Dentistry Ain Shams University from November 2008 to January 2009.

Volunteer work

Reviewer

<i>European Endodontic Journal</i>	<i>2021-present</i>
<i>Dental Research Journal</i>	<i>2024-present</i>
<i>BMC Oral Health Journal</i>	<i>2023-present</i>

Endodontist

<i>The British University in Egypt – Medical Convoys</i>	<i>2016-present</i>
<i>Nahda Univeristy in BeniSweh – Medical Convoys</i>	<i>2012-2015</i>

Awards

- *High-impact Researcher Award- BUE 2024 winner*

On March 27th, 2025, the BUE announced the winners of its Research Excellence Awards. Nawar was the winner of the top prize; “High-impact Researcher Award” for medical sciences.

- *Young Investigator Research Award – BUE 2022 “YIRG” winner*

The award was granted to Nawar as a recognition for the uniqueness of his first two publications after his promotion to his current post as a lecturer. The grant also covers the expenses of his project titled: “Anti-Biofilm strategies investigation project”. The project comprised of 3 phases:

Phase I: Establishment of an ex-vivo multispecies biofilm that resembles in behavior clinically found biofilms.

Phase II: Testing different antibiofilm strategies

1. Enzymes that break down the extracellular matrix components:
2. Physical destruction of biofilm matrix using ultrasound.
3. Natural compounds that decrease adherence and interfere with signaling.

Phase III: Establishing clinical protocols that employ results achieved in phase II.

- *2-time winner of the International Conference Grant – BUE “ICG”*

The first grant covered Nawar’s participation in the 2022 ESE conference.

- *3-time winner of the Scopus Researcher Award – BUE “SRA”*

The grant recognizes Nawar’s efforts to publish in high-ranking, Scopus-indexed, international peer-reviewed journals.

Professional Memberships

Egyptian Association of Endodontics (EAE)	2019–present
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Member

Egyptian Dental Syndicate	2008–present
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Member

Recognition

Scopus (57218340588) and orcid

<https://www.scopus.com/authid/detail.uri?authorId=57218340588>

<https://orcid.org/0000-0002-0870-9976>

ResearchGate (Nawar Nawar)

<https://www.researchgate.net/profile/Nawar-Nawar>

Google Scholar (Nawar Naguib Nawar)

<https://scholar.google.com/citations?user=gb4mOOEAAAAJ&hl=en>

Social Media Educational Content

YouTube Channel (Nawar Endodontics)

<https://www.youtube.com/@nawarnawarendodontics>

Instagram Page (Dr Nawar Naguib Nawar)

<https://www.instagram.com/nawar.nn/>

LinkedIn (Nawar Naguib Nawar)

<https://www.linkedin.com/in/nawar-naguib-nawar/>

Languages

- Fluent Arabic: Mother-tongue
- Fluent English: Expert level
- Fair German: Beginner (Learning in progress)

References

1. Hyeon-Cheol Kim, DDS, MS, PhD

Title: Former Dean and Professor, Pusan National University School of Dentistry

Relation: Professional

Email: golddent@pusan.ac.kr

Phone number: 821038296971

Address: Geumo-ro 20, Mulgeum, Yangsan, Gyeongnam, 50612, Korea

2. Edgar Schäfer, MD, PhD

Title: Professor of Endodontics, Head of Department at University of Münster

Relation: Professional

Email: eschaef@uni-muenster.de

Phone number: +49 251 8347040

3. William Ha BDDSc, GCRC PhD (Endo) DCLinDent (Endo) FPFA

Title: Associate Professor, Head of the department of Endodontics, Sydney University

Relation: Professional and personal

Email: william.ha@sydney.edu.au

Phone number: +61438012573

4. Shehabeldin Mohamed Saber, BDS, MSc, PhD

Title: Professor of Endodontics, The British University in Egypt – Ain Shams University

Relation: Professional (Current Manager)

Email: Shehabeldin.saber@bue.edu.eg

Phone number: +201001413734

Address: 81-11-11 El-Rehab, Cairo, 11841, Egypt

5. Mostafa M. A. ElKholy, BDS, MSc, PhD

Title: Senior lecturer, Acting Discipline Lead in Endodontics, UWA dental school, University of Western Australia

Relation: Professional and personal

Email: mostafa.elkholy@uwa.edu.au

6. Ahmad AbdelRahman Hashem, BDS, MSc, PhD

Title: Professor, Head of the Department of Endodontics, Ain Shams University

Relation: Professional

Email: endohashem@gmail.com

Phone number: +201001050771,+2110085557

7. Gianluca Plotino, DDS, PhD

Title: Professor of Endodontics

Relation: Professional

Email: endo@gianlucaplotino.com

Phone number: 393396910098

More references are available upon request