

Curriculum Vitae

March 2024



PERSONAL INFORMATION

NAME Mais Medhat Sadek
DATE OF BIRTH June 6th, 1984
PLACE OF BIRTH Doha, Qatar
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PRESENT POSITION

- Program director of Master of Dental Surgery in Orthodontics program and Assistant Professor of Orthodontics, College of Dental Medicine, University of Sharjah, UAE.
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EDUCATION

- **May 2023**
Postgraduate Diploma in Medical Education, University of South Wales, United Kingdom. (*Ongoing*)
- **November 2021**
Membership in Orthodontics (M.ORTH RCSEd), Royal College of Surgeons; Edinburgh, United Kingdom.
- **October 2018**
Doctor of Dental Science (DDSc) in Orthodontics, Ain Shams University, Cairo, Egypt.
Title of DDSc thesis: "Clinical evaluation of biocreative therapy for en masse retraction of the maxillary anterior teeth".
- **March 2013**
Master of Dental Science (MDS) in Orthodontics, Ain Shams University, Cairo, Egypt.
Title of MDS Thesis: "Three-Dimensional Mapping of the Tooth Bearing Region of the Jaws using Cone Beam Computed Tomography"

- **May 2006**

Bachelor's Degree in Oral and Dental Medicine, Faculty of Dentistry, Ain Shams University, Cairo, Egypt. Graduated with grade: Excellent with honors.

ACADEMIC APPOINTMENTS

- ***September 2022 – Present***

Program director of Master of Dental Surgery in Orthodontics program and Assistant Professor of Orthodontics, College of Dental Medicine, University of Sharjah, UAE.

- ***September 2021 – June 2022***

Assistant Professor, Department of Orthodontics, European University College, Dubai, UAE.

- ***September 2021 – December 2021***

Visiting Faculty, Orthodontic department, Hamdan Bin Mohamed College of Dental Medicine, Mohammed Bin Rashid University of Medicine and Health Sciences, Dubai, UAE.

- ***March 2019 – March 2021***

Assistant Professor, Orthodontic department, Faculty of Dentistry, Ain Shams University.

- ***April 2013 – February 2019***

Lecturer, Orthodontic department, Faculty of Dentistry, Ain Shams University.

- ***January 2012 – March 2013***

Instructor, Orthodontic department, Faculty of Dentistry, Ain Shams University.

- ***August 2008 – August 2011***

Resident, Orthodontic department, Faculty of Dentistry, Ain Shams University.

PUBLICATIONS

- **Mais M Sadek**, Reem Alhashmi. Unplanned tooth movement in deepbite correction with Invisalign: A retrospective study. J World Fed Orthod. 2024 Feb 23:S2212-4438(23)00115-7.

- **Mais M Sadek**, Ramy Gaber. Alveolar bone changes around maxillary incisors after intrusion and retraction with controlled tipping versus bodily movement using CBCT: A Retrospective Study. *Journal of Orofacial Orthopedics*, 2023 Sep 6. English. doi: 10.1007/s00056-023-00493-z. Epub ahead of print. PMID: 37672129.
- **Mais M Sadek**. Root resorption of maxillary incisors after en masse intrusion and retraction with controlled tipping versus bodily movement in adults. *Journal of Orthodontic Science*, 2023;12(1):67.
- **Mais M Sadek**, Sondos Awad. Cephalometric evaluation of the short-term skeletal, dental and soft tissue changes in growing subjects with class II division 1 malocclusion treated with Invisalign® mandibular advancement. *Ain Shams Dental Journal*, 2022, 25(1), pp. 63–73.
- **Mais M Sadek**, Noha E Sabet, Islam T Hassan. Type of Tooth Movement During en masse Retraction of the Maxillary Anterior Teeth Using Labial Versus Lingual Biocreative Therapy in Adults: A Randomized Clinical Trial. *Korean J Orthod*. 2019;49(6):381-392.
- **Mais M Sadek**, Noha E Sabet, Islam T Hassan. Patient perceptions and oral impacts following labial and lingual biocreative therapy: A randomized clinical trial. *J World Fed Orthod* 2019; 8(3):95–99.
- **Mais M Sadek**, Noha E Sabet, Islam T Hassan. En-Masse Retraction Revisited: Labial and Lingual Biocreative Therapy. *Mod Res Dent*. 2018;2(4). DOI: 10.31031/MRD.2018.02.000544
- **Mais M. Sadek**, Noha Ezzat Sabet, Islam Tarek Hassan. Maxillary arch distalization using interradicular miniscrews and the lever-arm appliance: A case report. *J World Fed Orthod* 2017,6(3):131-138.
- Ashraf Nabhan, Noha Abbas, Padhraig Fleming, Ama Johal, **Mais Sadek**. Self-ligating brackets versus conventional pre-adjusted edgewise brackets for treating malocclusion. *Cochrane Database of Systematic Reviews* 2016, Issue 10.
- **Mais M. Sadek**, Noha Ezzat Sabet, Islam Tarek Hassan. Three-dimensional mapping of cortical bone thickness in subjects with different vertical facial dimensions. *Progress in Orthodontics* 2016; 17 (1):32.
- **Mais M. Sadek**, Noha Ezzat Sabet, Islam Tarek Hassan. Alveolar Bone Mapping in subjects with different vertical facial dimensions. *European Journal of Orthodontics*. 2015 April; 37(2):194-201.

- **Mais M. Sadek**, Noha Ezzat Sabet, Islam Tarek Hassan. Three-dimensional mapping of inter-radicular distances and cortical bone thickness in patients with different vertical facial dimensions. International Dental Journal 2013; 63 (suppl. 1): 297-378.

POSTER & ORAL PRESENTATIONS

- "Bracket positioning and Smile Arc Protection". 17th Panhellenic Orthodontic Congress, Athens, Greece, September 2023.
- "Patient perceptions and oral impacts following labial and lingual biocreative therapy: A randomized clinical trial". 97th Congress of European Orthodontic Society, June 2022.
- "Steps into Biocreative Therapy to explore its role in en masse retraction of the maxillary anterior teeth", the Sixth Mediterranean Orthodontic Congress (MOIP), October 2018.
- "Class II malocclusion from dusk till dawn", the Third international dental conference, Ain Shams University, October 2018
- "CBCT in Orthodontics: A blessing or a blight?", the Second international dental conference, Ain Shams University, October 2016
- "A paradigm shift in the management of orofacial deformities", the Second international dental conference, Ain Shams University, October 2016
- "Three-dimensional mapping of inter-radicular distances and cortical bone thickness in patients with different vertical facial dimensions", the FDI 2013 Annual World Dental Congress in Turkey.
- "Alveolar Bone Mapping in patients with different facial types", the British Orthodontic Society conference 2013 in Manchester, United Kingdom.

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS (past and present)

- Member of the World Federation of Orthodontists.
- Member of the American Association of Orthodontists.
- Member of the Egyptian Orthodontic Society.

LICENSURE

- 2022 – Consultant (Orthodontics), MOHAP, UAE.
- 2021 – Consultant (Orthodontics), DHA, UAE.
- 2018 – Consultant (Orthodontics), Egyptian Dental Syndicate, Egypt.
- 2013 – Specialist (Orthodontics), Egyptian Dental Syndicate, Egypt.
- 2007 – General Dentist, Egyptian Ministry of Health, Egypt.

ACADEMIC DUTIES & RESPONSIBILITIES

- Program director of Master of Dental Surgery in Orthodontics, College of Dental Medicine, University of Sharjah.
- **Teaching:**
 - ***Undergraduate:*** Orthodontics.
 - ***Postgraduate courses:***
 - Orthodontic documentation, diagnosis and analysis.
 - Orthodontic mechanics.
 - Orthodontic management 2.
 - Orthodontic management 3.
 - Orthodontic management 4.
 - Postnatal growth determination, prediction and superimposition
 - Orthodontics and maxillofacial surgery and planning
 - Orthodontic Literature review.
 - Case-based discussion seminar.
- **Master's theses supervised:**
 - 2022 – present. Anterior vertical relationship: Validation of an Artificial intelligence model vs. Human Observers.
 - 2022 – present. Maxillary Crowding, Spacing and Impactions: Validation of an Artificial Intelligence Model vs. Human Observer.
 - 2022 – present. Efficiency and Impact on Oral health related Quality of Life of clear aligners versus pre-adjusted orthodontic appliances in lower incisor alignment: A Randomized Clinical Trial

2022 – present. Periodontal parameters of clear aligners versus preadjusted orthodontic appliances in lower incisors alignment: A Randomized Clinical Trial

2022. Three-dimensional evaluation of the airway after mandibular advancement with the Twin Block functional appliance in growing children

2022. Incidence of white spot lesions in two-phase versus one-phase orthodontic treatment in adolescence.

2021 - 2023. Cephalometric evaluation of Class II correction using Invisalign Mandibular advancement: A retrospective audit of published cases in the Invisalign Global Gallery.

2021 - 2023. Unplanned tooth movement in deepbite correction with clear aligners.

2021 - 2023. Effectiveness of power ridges versus attachments for torque control of maxillary incisors in clear aligner therapy.

2021 – 2023. Influence of lip thickness and protrusion on perception of facial profile attractiveness among raters of different ethnic background.

2021 - 2023. The accuracy and reliability of automated landmark identification for cephalometric analysis.

2020 - 2023. Early versus late intermaxillary elastics in patients with Class II malocclusions.

2020 - 2023. Evaluation of shear bond strength of orthodontic brackets bonded to Lithium Disilicate glass ceramics following etching with Hydrofluoric acid versus Er:YAG LASER and ErCr:YSGG LASER.

- Provide academic advice for postgraduate students.
- Contributor of Orthodontic department book, Ain Shams University.
- Conduct research in the field of Orthodontics and publish articles in scholarly journals.
- Represent the University in scientific meetings and conferences.
- Member of ASU faculty committee for accreditation by the national authority of quality assurance and accreditation of education.
- Member of curriculum committee, College of Dental Medicine, University of Sharjah.

PROFESSIONAL DEVELOPMENT

- Basic certificate in medical education, University of Sharjah, 2023.
- Aligner Biomechanics and the use of attachments, Haydar Al Hassan, 2023.
- Anteroposterior correction with Invisalign, Nayera Mourad, 2023.
- Correction of vertical discrepancies with clear aligners, Nayera Mourad, 2022.
- Treating simple to complex orthodontic cases with clear aligners, Federico Migliori, 2022.
- Digital workflow. Clinical and scientific facts meet simplicity, efficiency and precision. Carlos Sabrosa, 2022.
- The benefits of pre-restorative tooth alignment. Selvaggia Brigo, 2022.
- Lingual orthodontics course, Hee-Moon Kyung, 2021.
- Using Moodle for e-learning, Education strategy administration, ASU, 2020.
- Evidence based orthodontics for your clinical practice, Martyne Coubourne and Andrew Dibiase, 2018.
- Tips in clinical orthodontics, Chris Chang, 2018.
- Ethics and profession, 2018.
- Use of technology in teaching, Mohamed Magdy, 2018.
- Problem solving and decision making, 2018.
- Egyptian Knowledge Bank, 2018.
- Scientific writing, 2018.
- Standards for conduct of systematic reviews, Ashraf Nabhan, 2014.
- Treatment planning for orthognathic surgery, Ashraf Ayoub, 2014.
- Diagnosis and treatment planning in orthodontics, Larry White, 2014.
- The eCligner certification course, 2013.
- The 3M Unitek Symposium “New Advances in Self-ligation Treatment Mechanics and TADs”, 2010.

CLINICAL AND COMMUNITY SERVICE

- Peer reviewer for several PubMed-scientific journals in the field of orthodontics (The Angle Orthodontist, Journal of the World Federation of Orthodontists, Journal of Orthodontics and Craniofacial Research, Progress in Orthodontics, American Journal of orthodontics and dentofacial orthopaedics).
- Consultant - Orthodontics.

AWARDS

- Best poster presentation, 17th Panhellenic Orthodontic Congress, Athens, Greece, 2023.
- Best oral presentation, Sixth Mediterranean Orthodontic Congress (MOIP), Alexandria, Egypt, 2018.
- Best poster presentation, First international dental conference, Ain Shams University, 2014.

LANGUAGES SPOKEN

- Excellent command over English and Arabic languages.
- Good command over French language.

REFERENCES

- Dr. Donald Ferguson – Distinguished Professor, European University College, Dubai, United Arab Emirates.
Fergusonloud@gmail.com
- Dr. Gabriel Dolci – Associate Professor, European University College, Dubai, United Arab Emirates.
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gabriel@dolcibraghini.com.br