

Curriculum Vita



Personal Data:

Name: Maha Mostafa Mohamed Ali.

Nationality: Egyptian.

Birth date: 23/7/1976.

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Occupation: Lecturer of Orthodontics, Faculty of Dentistry, Al-Azhar University, Cairo, Egypt.

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Scientific Certificates:

1. Bachelor Degree of Oral & Dental Medicine, Cairo University, 1999 (Very Good with Honor).
2. Master Degree in Orthodontics, Al-Azhar University, 2006.
3. Saudi Council Certificate as an Orthodontic Specialist, 2009.
4. Certificate of Cardiopulmonary Resuscitation (BCLS Provider, 2009).
5. Doctoral degree of Orthodontics, Al-Azhar University, 2017.

Academic Experiences:

1. Demonstrator of Orthodontics in Al-Azhar University, 2001-2006.
2. Assistant Lecturer of Orthodontics in Al-Azhar University, 2006-2017.
3. Assistant Lecturer of Orthodontics in Kharkov Academy of Post-Graduate Studies, Kharkov, Ukraine, 2011-2014.

4. Lecturer & Head of Orthodontic department in Sinai University, Both branches (Alarish& Kantara) Egypt, 2014- till 2019.
5. Lecturer of Orthodontics in Al-Azhar University, 2017 till now.
6. A member of Quality Assurance and Accreditation of Education Unit in the Faculty of Dentistry, Al-Azhar University.

Practical Experiences:

- 1- Intern in clinics of Faculty of Dental Medicine Cairo University.
- 2- Intern in clinics of Dental Medicine Faculty, Ain-Shams University.
- 3- Intern in Al-Zahraa Hospital, Cairo, Egypt.
- 4- Resident in Ministry of Health, Cairo, Egypt.
- 5- Demonstrator and then Assistant Lecturer of Orthodontics in clinics of Al-Azhar University.
- 6- Orthodontic Specialist in Al-Noor Specialist Hospital, Makkah, Saudi Arabia.
- 7- Orthodontic Specialist in a private dental center, Makkah, Saudi Arabia.
- 8- Medical Director of dental center “Thanaia Clinic”, Makkah, Saudi Arabia.
- 9- Orthodontic Specialist in clinics of Kharkov Academy. Ukraine.
- 10- Orthodontic consultant in Sama Clinic, Cairo, Egypt.
- 11- Orthodontic consultant in Wadi Alnil Hospital, Cairo, Egypt.
- 12- Orthodontic consultant in Asdaf Medical center in Zigan, Saudi Arabia.

Conferences and Workshops attended:

- 1- Applied course for Educational Programs and Courses Specification, 2014.
- 2- Applied course for self-Evaluation for Higher Educational Institutes, 2014.
- 3- Applied course for External Review, 2014.
- 4- 8th Annual Conference of Holy Makkah Laboratories “QUALITY & MANAGEMENT” in Medical Laboratories, 2011.

- 5- Specialized workshop “AUTOMATED BLOOD COLLECTION” held in Makkah, 2010.
- 6- Symposium on Highlights on Some Pediatric Problems, 2010.
- 7- Surgical Management of Traumatic Injuries, 2010.
- 8- 5th Annual Conference of Holy Makkah Laboratories, in collaboration with Faculty of Applied Medical Science- Umm Al-Qura University, Makkah, 2009.
- 9- Makkah 3rd International Osteoporosis Conference, in Makkah, 2010.
- 10- 7th Annual Conference of Holy Makkah Laboratories “OBESITY” Laboratory Aspects & Management Issue, 2010.
- 11- Symposium on A/H1N1 which held in Makkah, 2009.
- 12- 2nd Annual Symposium “Transfusion Medicine: A Bird’s Eye View” which held in Makkah, 2010.
- 13- The training course entitled “CHANGE YOUR LIFE” which held in Makkah, 2010.
- 14- The scientific program of the 4th week of support services entitled “BUILDING IN SAFETY” held in Makkah, 2010.
- 15- Speaker in International orthodontic conference held in Cairo, 2019.

Publications:

- 1- *“Corticotomy for Correction of Skeletal Anterior Open Bite Using Miniplates as Skeletal Anchorage (A Clinical and Cone Beam Comparative Study)”*. A paper published in Al-Azhar Dental Journal, 2017.
- 2- *“Carrière Distalizer appliance effect on electromyographic activity during class II correction”*. A paper published in Tanta Dental Journal, 2020.
- 3- *“Miniplates with a New Design as Skeletal Anchorage for Intrusion of Posterior Maxillary Segment during Correction of Skeletal Anterior Open Bite” (A Cohort Clinical Study)*. A paper published in Egyptian Journal of Oral and Maxillofacial Surgery, 2020.

Miniplates with a New Design as Skeletal Anchorage for Intrusion of Posterior Maxillary Segment during Correction of Skeletal Anterior OpenBite (A Cohort Clinical Study)

Abstract

Objective: This study aimed to evaluate the effect of newly designed miniplates that used as skeletal anchorage for maxillary molars' intrusion during correction of skeletal anterior open bite (SAOB). **Subjects and Methods:** A sample of 22 patients with an age range from 14 to 22 years, suffering from skeletal anterior open bite (SAOB) with increased posterior maxillary vertical height. A new designed custom-made miniplate used after adaptation on 3D model of maxilla for every patient. They were used as buccal skeletal anchorage for maxillary molars' intrusion. Measurements, including maxillary dento- alveolar heights (mm), buccal crestal alveolar bone heights (mm), bucco-palatal angulations (B-P⁰) of right and left maxillary first permanent molars, 3 months after intrusion commencement. **Results:** The dento-alveolar height as well as the buccal crestal alveolar height decreased significantly ($p \leq 0.001$ and $p \leq 0.05$, respectively) after intrusion. Similarly, the B-P angulations increased significantly ($p \leq 0.01$) after intrusion. **Conclusions:** New custom-made pre-adapted miniplates' designs were effective for posterior maxillary molar intrusion in cases of SAOB. Both the posterior maxillary dento-alveolar and buccal crestal alveolar bone heights diminished significantly.

Key words:

Skeletal anterior open bite, intrusion, miniplates.