

# Title: the Effect of TADs (mini-implants) on Orthodontic Science

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**ABSTRACT** :

Mini-implants have influenced orthodontic treatment plans by providing possible management of complicated discrepancies than those treatable by conventional biomechanics. By the help of mini-implants, force can be applied directly to the bone−borne anchor unit. Therefore, mini−Implants not only eliminated concerns about anchorage demanding cases, but they also have enabled clinicians to overcome tooth movement in three dimensions. Furthermore, adjunctive orthodontic treatments in adults, and treatment for impacted teeth are the other indication of mini−implant treatment. mini - implants were grouped as follow: (a) common appliances for providing orthodontic anchorage, (b) bio-mechanical details of mini−implants and their insertion, (c) clinical application of mini−implants for orthognathic treatments, (d) limitations and possible complications. In conclusion, mini−implant evolved the orthodontic treatment plans and compromised the required orthognathic surgery. Malocclusion treatment and pure orthodontic ororthopedic movements in the three−dimensions have become recently possible by using mini−implant to provide skeletal anchorage.

# Biography

**Dr Omar El Bayoumy**

- **BDS Mansoura university 2006**
- **Pediatric dentistry diplomate Suez canal university 2011**
- **Master degree of Orthodontics at Danube university ,Austria 2017**
- **International board of orthodontics and Implantology ,Taiwan.2015 to 2025**
- **International member of European society of orthodontics 2017.**
- **Member of International Association of Orthodontics 2012.**
- **Speaker and orthodontic lecturer at many national and international dental conferences**
- **Speaker at Egyptian society of oral Implantology conference held at Alexandria university 2018 lecture tilted : the changing goals in orthodontic treatment**
- **Speaker at 1st Qena international conference 2018 lecture tilted: direct and indirect orthodontic bracket bonding .**
- **Speaker at 2nd Bani Suef dental syndicate international conference 2018 at EINAHDA university 2018**