



Title : Biomechanics & anchorage of orthodontic therapy

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Abstract

The dentist or orthodontist always constructs an appliance to produce certain desired tooth movements. For every (desired) action, there is an equal and opposite reaction. Inevitably, reaction forces can move other teeth as well if the appliance contacts them. Anchorage, then, is the resistance to reaction forces that is provided usually by other teeth, occasionally by the palate, sometimes by the head or neck (via extra oral force), and more and more often by anchors screwed to the jaws. An important aspect of treatment is maximizing the tooth movement that is desired, while minimizing undesirable side effects.

Biography

I finished my BDS from Mansoura university at the year of 2006 , Pediatric dentistry diplomate Suez canal university 2011 , Master degree of Orthodontics at Danube university ,Austria 2017, passed the International board of orthodontics and Implantology eligibility exam ,Taiwan.2015 to 2025 ,

I am an 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 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 titled :direct and indirect orthodontic bracket bonding ,

Speaker at 2nd Bani-Suef dental syndicate international conference 2018 at EINAHDA university 2018

Speaker at EDSIC 2018

and speaker at American dentistry congress no 29 held at Hilton New York.