

18th International Conference on

Oral Health & Maxillofacial Surgery

December 05-06, 2016 Madrid, Spain



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Egyptian Society of Oral Implantology, Egypt

4D Concept and Immediate Implant Placement

The 4th additional axis of time is added to the traditional 3D axes which makes it different to identify the time of extraction and implant placement either immediate implant placement, early implant placement or delayed implant placement. This review focus on each technique and the ideal choice of each technique in every case

Introduction: Immediate implant placement after extraction has become a favored treatment protocol with many clinicians worldwide. There are many advantages to this protocol, amongst them; shortened treatment time, placement of the implant in sound bone that constitutes the socket wall, placement trajectory guidance by the socket and preservation of bone volume. This literature review describes the 4th dimension in implant placement which is the timing of placement after extraction which is a very important factor in immediate placement success rate.

Learning objectives:

1. After the presentation the audience shall understand:
2. The 4th dimension in implant placement
3. The proper way achieve an perfect immediate implant
4. Decide whether to place or not to place the implant after extraction
5. Manage the jumping gap
6. The proper way to achieve the maximum esthetic outcome in immediate placement.

Biography

Ahmed Halim Ayoub. DDS. MSc. Visiting Lecturer in BPP University Faculty of Dentistry, London, England. His Diploma and Master Degrees are from Seville university, Spain. He developed expertise in bone augmentation and sinus elevation. He has a special interest in bone healing, role of growth factors and bone morphogenetic proteins in bone growth. Dr Halim is also highly interested in Dental implant Education and developed his pioneer modules using Live training throughout directing dental implant post graduate training in Egyptian society of oral Implantology, London oral restorative academy, and London dental education services. Prof Halim is a distinguished speaker; he presents in international conferences and teaches in the UK, Europe and the Middle East.

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