Day 1 - Dr. Alexandre-Amir Aalam

Contemporary approaches for periodontal plastic and implant site development procedures

Periodontal losses of tissue are associated with multiple challenges in periodontal plastic and implant site development procedures. Traditional root coverage techniques and implant development procedures are predictable but could represent a major setback for patients. Refinement of surgical approaches combined with the incorporation of biological modifiers has dramatically reduced the morbidity of surgical procedure while increasing success rate and patient's comfort.

Participants should be able to:

- Know blood-derived growth factors
- Understand particulate bone grafting and application
- Discuss the FSTP (Fibrin soft tissue promotion) for the procedure while increasing success rate and patient's comfort.
- Discuss an algorithm on how and when soft tissue grafting is needed around implants.

Day 2 - Dr. Alexandre-Amir Aalam

The Maxillary Anterior Sextant

The maxillary anterior tooth implantation is a challenging treatment modality. Multiple treatment protocols are available to the practitioner to assist in making a rational decision. A successful treatment outcome is largely dependent on the integration of prosthodontic concepts and peri-implant soft tissue esthetics. The purpose of this presentation is to discuss a simple and reproducible surgical protocol for the rehabilitation of the maxillary anterior sextant.

Participants should be able to:

- Know blood-derived growth factors
- Understand the mechanism of bone graft incorporation
- Discuss the decision making tree of bone graft selection
- Understand the biological benefits of platform switching implant and biological confection in the aesthetic zone
- Value incorporation of soft tissue grafting in the surgical protocol
- Know techniques through case presentations

Day 3 - Dr. Kian Kar

Inflammatory Periodontal Diseases and System Link

Periodontal disease is classified as a chronic inflammatory disease initiated by bacterial biofilm in susceptible host. The host inflammatory response to specific and non-specific bacterial challenges is the common link among several chronic inflammatory diseases. Identification of periodontal infection not only improves oral and dental health but also can influence the overall well-being of the patient who is affected by periodontal disease. Participants should be able to know:

- Inflammatory nature of periodontal disease
- Inflammatory link of periodontal disease and other diseases
- Diagnosis and classification of periodontal diseases
- Treatment of periodontal infection
- Link between periodontal and peri implant inflammatory diseases
- Systemic and local antibiotic therapy
- Adjunctive non-surgical periodontal therapy
- Systemic and local antibacterial therapy

Day 4 - Dr. Kian Kar

Interdisciplinary treatment planning for implant therapy

Dental implant therapy is one of the major breakthroughs in the field of dentistry. Dental implants offer great treatment options for missing teeth. Unlike teeth, as biological entities, dental implants are foreign bodies, which are well tolerated. However, they lack biological attachments that differentiate them from teeth in health and disease states. Utilization of implants in replacing existing teeth with dental tissues requires a clear understanding of biological risk assessment and considerations of risk benefits and cost-benefit analysis. Close interaction among different disciplines will facilitate successful outcomes of treatment in function and aesthetics. Participants will learn:

- Dental implant as a foreign body
- Periodontal tissues in comparison to peri-implant tissues in health and disease
- Mechanical and non-mechanical challenges in periodontics and peri-implant diseases
- Replacing missing or compromised teeth with implant supported prostheses

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