Periodontal Diseases & Prevention Methods

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Introduction

Periodontal Diseases:

“All the diseases of the periodontium, that refers to the any pathological state that involves the supporting tissues of teeth (gingiva, periodontal ligaments, cementum, and alveolar bone)”
Classification of Periodontal Diseases

- Gingivitis
- Gingival enlargement
Classification of Periodontal Diseases

• Periodontitis

• Periodontal occlusal trauma
Classification of Periodontal Diseases

- Gingival recession

- Gingival abscess and cysts
Periodontitis (Deep Pocket Depth)
Periodontal Probes
Periodontitis
Bone Volume after Tooth Loss

- Normal anatomy (no tooth loss)
- Bone begins to recede after loss of teeth
- Bone loss continues without intervention
Etiological Factors of Periodontal Diseases

- Local (extrinsic) etiologic factors
- Systemic (intrinsic) etiological factors
Local (Extrinsic) Etiological Factors

- Irritating factors:
  - Initiating factors
  - Predisposing factors

- Functional factors
Initiating Factors

- Bacterial plaque (dental plaque), microbial plaque
Bacterial Plaque
Predisposing Factors

- Materia alba
- Food debris (retention and impaction)
- Food consistency
- Dental stains
- Calcified deposits (calculus)
- Dental caries
- Smoking and tobacco
- Improper oral hygiene
- Deficient dental treatment
Materia Alba
Dental Stains

Dental Calculus
Dental Caries

Improper Oral Hygiene
Overhang fillings

Ill-fitting provisional acrylic denture

Over contoured crown
Local Functional Factors

- Unreplacement missing teeth
- Malocclusion
- Parafunctional occlusal habits
- Tongue thrusting
- Mouth breathing
Functional Factors

- Un replaced missing teeth
- Malocclusion
- Occlusal trauma
- Mouth breathing
- Para functional habits
  (Clenching, bruxism, tongue thrusting, trauma from some objects or nails)
Systemic (Intrinsic) Etiological Factors

- Endocrine (hormonal) factors
- Nutritional disorders and deficiencies
- Drugs
- Psychological (emotional) factors
- Heredity
- Metabolic diseases
- Hematological disturbances and diseases
(Oral Manifestation)

الأعراض الفموية

- مرض نزف الدم Hemophilia

- سرطان الدم Leukemia

- بعض انواع الأدوية Some drugs

- التغيرات الهرمونية Hormonal changes
Prevention of Periodontal Diseases

- Personal oral health care
- Professional oral health care
- Balanced diet
- Avoid incorrect habits: which cause occlusal trauma
Thank you