

Epidemiology of Oral Diseases

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Lecture Outline:

- Definition of Periodontal Diseases
- Prevalence of Periodontal Disease
- Etiology of Periodontal Diseases
- Risk Factors for Periodontal Disease

2- Periodontal Diseases



is an infectious disease process that involves inflammation of the structures of the periodontium.

Prevalence of Periodontal Disease

- Periodontal diseases are the leading cause of tooth loss in adults
- Almost 75% of American adults have some form of periodontal disease, and most are unaware of the condition
- Almost all adults and many children have calculus on their teeth
- Fortunately, with the early detection and treatment of periodontal disease, most people can keep their teeth for life

Etiologic Factors Of Periodontal Diseases

- Direct factors: plaque, calculus
- Indirect factors:
 - Food impaction
 - Tobacco smoking
 - Faulty restoration
 - Badly designed partial denture
 - Lack of lip –seal
 - Malnutrition and Blood disorder
 - Malalignment
 - Improper brushing technique

Risk Factors for Periodontal Disease

- **Sociodemographic factors:** Age, Gender, Ethnicity
- **Hereditary or Acquired factor:** Obesity, Diabetes
- **Behavioral factor:** Tobacco, regular dental visits
- **Psychological factor:** Stress, Bruxism
- **Local risk factor:** Faulty dental restoration, Crowding

