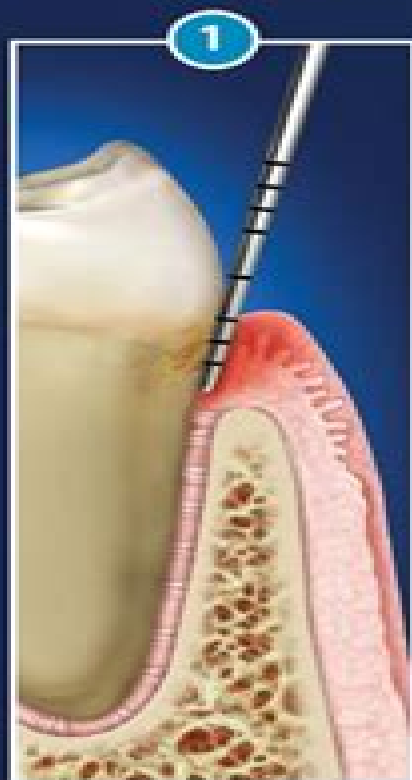
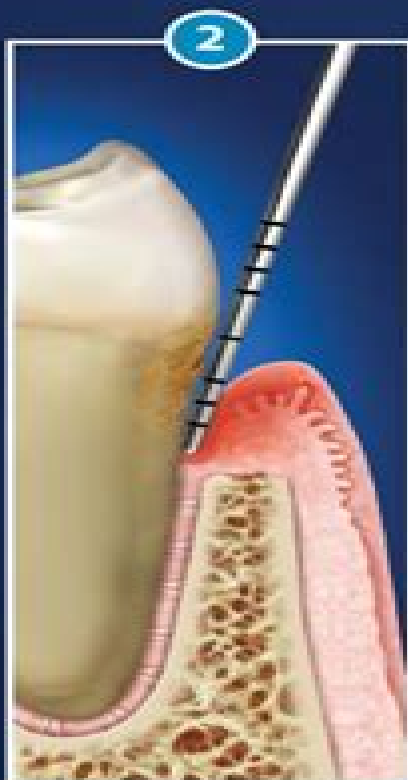


Stages of Periodontal Disease



Gingivitis

The most common and earliest form of periodontal disease is gingivitis. The gingiva is the pink tissue that surrounds the teeth and is commonly referred to as "gum tissue". Hence, if the gingiva is inflamed, the term gingivitis is used. Inflammation is caused by bacterial plaque (biofilm) accumulation. In the absence of effective daily oral hygiene, this results in a change of color from the tissue's normal pink to various shades of red. The affected area will usually become swollen and bleed when touched or probed. Pockets in excess of 2-4 millimeters may form.



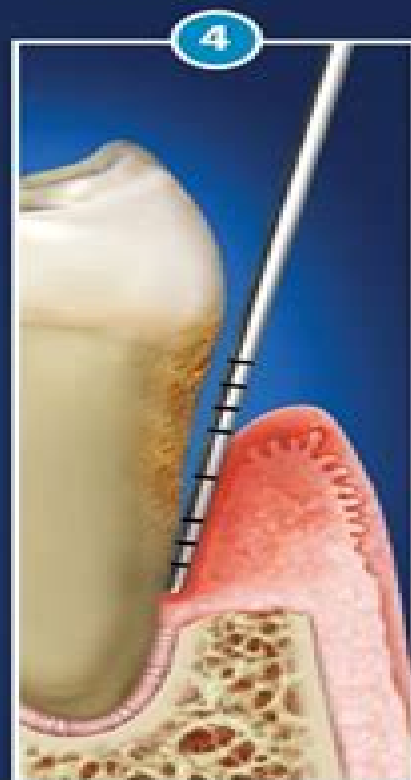
Early or Mild Periodontitis

This stage clinically appears the same as gingivitis with redness, bleeding on probing, and gum swelling. What distinguishes periodontitis ("perio" – around; "dont" – tooth; "itis" – inflammation) from gingivitis is bone loss. Once the inflammation extends from the gingiva to the bone tissue and begins causing bone loss, this condition is referred to as periodontitis. Here the pocket depths usually increase to approximately 4-6 millimeters.



Moderate Periodontitis

As the disease progresses from mild to moderate, inflammation and infection extend deeper into the tissues — resulting in 20-50% bone loss from around the tooth root. Pocket depths may increase to 4-8 millimeters. Symptoms such as bleeding, swelling and redness will remain and pus may be visible. Smoking cigarettes* will mask some of these signs and worsen the condition.



Advanced Periodontitis

When bone loss is severe, representing a loss of 50-85% of bone support from the tooth root, teeth become very loose and uncomfortable during functional movements (chewing). Pocket depths may range from 7-12 millimeters. Signs and symptoms will remain, such as bleeding, swelling, redness, and probably pus unless masked by the smoking of cigarettes,* which will worsen the condition.

* Cigarettes reduce blood flow and often hide the signs of periodontal disease.

Pathology Of Periodontal Disease

Nurcan Buduneli



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Pathology of Periodontal Disease David Michael Williams,1992 This book provides a concise account of the pathological processes involved in periodontal disease The first chapter gives a broad overview of periodontal disease and is followed by accounts of the periodontium in health and disease The book then deals with the micro organisms implicated in periodontal disease and evaluates their significance The host responses to factors present in dental plaque are discussed followed by an account of the interactions between bacteria and the host which cause tissue damage This leads to a consideration of the different clinical manifestations of the disease including those associated with HIV infection In the final chapter a rational approach to treatment is presented based on an understanding of the disease mechanisms discussed in the book

Pathogenesis of Periodontal Diseases Nagihan Bostanci,Georgios N. Belibasakis,2017-09-25 This book aims to provide clinicians with a refined understanding of the biology that underlies periodontal diseases thereby offering a sound basis for improved clinical decision making with regard to prevention strategies diagnosis and therapy All significant aspects of periodontal pathogenesis are covered including the roles played by the oral microbiome and biofilms bacterial virulence factors cells of the immune system matrix metalloproteinases proinflammatory and osteolytic cytokines genetic factors and antimicrobial peptides Periodontal diseases are among the most common infectious diseases in humans and the primary cause of tooth loss in adults The functional and esthetic problems associated with these diseases compromise quality of life and their treatment imposes large financial burdens on national health systems and private patients Up to date knowledge of periodontal pathogenesis is therefore essential for the contemporary clinician This book written by experts from Europe and the Americas delivers such knowledge in an accessible clinician friendly way

A Textbook of Clinical Periodontia Paul Roscoe Stillman,John Oppie McCall,1922 This is the first authoritative book in the field of periodontia ***Etiology and Pathogenesis of Periodontal Disease*** Alexandrina L Dumitrescu,2009-12-18 Etiology and Pathogenesis of Periodontal Disease represents a new concept in periodontology with its pronounced focus on understanding through knowledge rather than presenting the present valid answers Connections between the diseases in the periodontium and general health are described in detail Even if periodontal disease is certainly not a generally accepted cause of death periodontal treatment may obviously save lives

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Oral Pathology Donald A. Kerr, Major M. Ash, 1978

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