

## Prevention and treatment of gum disease and its strategies.

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### Introduction

Gum disease, also known as periodontal disease, is a common dental problem that affects the gum tissue and bone that supports the teeth. It is caused by the bacteria in plaque, the sticky film that forms on teeth, and can lead to a range of issues from mild gum inflammation to severe damage to the bone and tissues that support teeth. In this article, we will discuss the causes, symptoms, and treatment options for gum disease [1].

### Causes of Gum Disease

The main cause of gum disease is the buildup of plaque on teeth. Plaque is a sticky film that forms on teeth and is made up of bacteria, saliva, and food particles. When plaque is not removed through regular brushing and flossing, it can harden into tartar, which can only be removed by a dentist or dental hygienist. Tartar buildup can cause inflammation and irritation of the gums, leading to the development of gum disease.

Other factors that can contribute to the development of gum disease include smoking, hormonal changes (such as during pregnancy or menopause), diabetes, certain medications, and genetic predisposition. If you experience any of these symptoms, it's important to see your dentist as soon as possible for a diagnosis and treatment plan [2].

### Treatment Options for Gum Disease

The treatment for gum disease depends on the severity of the condition. In the early stages, gum disease can be treated with improved oral hygiene, including regular brushing and flossing, and professional cleaning by a dentist or dental hygienist. If the condition has progressed, more intensive treatment may be required. Scaling and root planing is a non-surgical treatment that involves removing plaque and tartar build up from below the gum line and smoothing out the roots of the teeth to prevent future build up. In more severe cases, surgery may be necessary to remove damaged gum tissue and restore bone and tissue support.

Gum disease is a common dental problem that can have serious consequences if left untreated. By practicing good oral hygiene habits, eating a healthy diet, and seeing your dentist regularly, you can reduce your risk of developing gum disease and maintain healthy teeth and gums for a lifetime. If you experience any symptoms of gum disease, it's important to seek treatment from your dentist as soon as possible to prevent further damage to your oral health [3].

Gum disease can have serious consequences if left untreated. In addition to tooth loss, untreated gum disease has been linked to a range of health issues, including heart disease, stroke, and diabetes. Research has also shown that pregnant women with gum disease are at an increased risk of premature birth and low birth weight babies. It's important to note that gum disease is a preventable condition. By practicing good oral hygiene habits and seeing your dentist regularly, you can reduce your risk of developing gum disease and maintain healthy teeth and gums.

If you have a family history of gum disease or other risk factors, it's especially important to take preventive measures. Regular dental check-ups can help identify any early signs of gum disease and allow for prompt treatment. In addition to brushing and flossing, there are other steps you can take to promote healthy gums. Eating a balanced diet rich in vitamins and minerals can help support gum health. Drinking plenty of water can also help flush bacteria and food particles from your mouth [4].

Gum disease is a common and preventable dental condition that can have serious consequences if left untreated. By practicing good oral hygiene habits, eating a healthy diet, and seeing your dentist regularly, you can reduce your risk of developing gum disease and maintain healthy teeth and gums. If you experience any symptoms of gum disease, it's important to seek treatment from your dentist as soon as possible to prevent further damage to your oral health [5].

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Received: 01-May-2023, Manuscript No. AACDOH-23-87280; Editor assigned: 04-May-2023, PreQC No. AACDOH-23-87280(PQ); Reviewed: 18-May-2023, QC No. AACDOH-23-87280; Revised: 22-May-2023, Manuscript No. AACDOH-23-87280(R); Published: 30-May-2023, DOI:10.35841/aacdoh-7.3.150