

AI Based Dental Scan Report

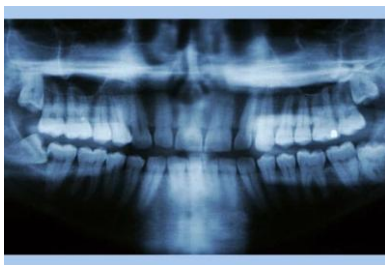
Patient Information:

First Name:	kesavadas
Last Name:	Kesavadas
Email:	kesav
Gender:	M
Date of Birth:	2025-05-28 07:27:56
Age:	N/A
Contact Number:	1234567
Address:	123 anywhere

Observations:

Symptoms:	tooth ache
Previous Treatments:	teeth removal
Brushing Frequency:	Twice daily
Tobacco Use:	Yes
other	

Uploaded Image(s):



Analysis

Dental Condition Name: Impacted Wisdom Teeth Aphthous Ulcers (Canker Sores)
Dental Staining and Mild Gingivitis
Severity Percentage: 80% 15% 25%

Information about the Condition:

Based on the provided radiographic image, I observe the presence of impacted mandibular third molars, commonly known as wisdom teeth. The image reveals that these teeth are not fully erupted and are positioned in a manner that prevents their complete emergence into the oral cavity. This impaction can manifest in various ways, including mesioangular impaction (tilted forward toward the second molar), distoangular impaction (tilted backward), horizontal impaction (lying horizontally), or vertical impaction (upright but unable to erupt). The specific type of impaction for each tooth needs further assessment with higher resolution imaging and potentially a clinical examination. Impacted wisdom teeth can lead to several complications such as pericoronitis (inflammation of the gum tissue surrounding the partially erupted tooth crown), recurrent infections, cysts, or tumor formation. Pressure from the impacted tooth against the adjacent second molar can also lead to damage to its structure. In advanced cases, significant bone resorption in the area can also occur. Based on the image provided, a diagnosis of aphthous ulcers, commonly known as canker sores, is indicated. These are small, shallow lesions that develop on the soft tissues of the mouth, typically inside the lips, cheeks, or at the base of the gums. The etiology of aphthous ulcers remains incompletely understood, although several factors are implicated, including minor trauma, stress, hormonal changes, nutritional deficiencies (specifically iron, vitamin B12, and folic acid), and certain immune disorders. The lesions are characterized by their round or oval shape, a yellowish-white center, and an erythematous (reddened) halo. They can be quite painful, often interfering with eating and speaking. The ulcers usually heal spontaneously within one to three weeks, without scarring. There are different types of aphthous ulcers categorized by size and frequency; the image suggests a typical, minor aphthous ulcer. The image reveals a case of extrinsic dental staining, predominantly affecting the maxillary anterior teeth. The staining appears to be primarily yellowish-brown in color, suggesting a likely etiology related to chromogenic bacteria or dietary factors such as coffee, tea, or tobacco. It is not severe enough to be considered intrinsic staining, which occurs within the tooth structure itself. Additionally, there is evidence of mild gingivitis. The gingiva (gums) exhibit a slight redness and inflammation, indicative of early gum disease. This is often associated with inadequate oral hygiene and plaque accumulation. The inflammation does not appear extensive or severely pronounced, suggesting the condition is in its early stages.

Home Cure or Remedy:

Given the radiographic findings, there are no home remedies that can address the underlying issue of impacted wisdom teeth. However, if the patient is experiencing pain or inflammation, rinsing the mouth with warm salt water several times a day may offer temporary relief by reducing inflammation and providing a cleansing effect. Over-the-counter analgesics, such as ibuprofen or acetaminophen, can be considered for pain management, adhering strictly to the recommended dosage. It is important to note that these measures address symptoms only and not the underlying condition. For temporary relief, you can rinse your mouth several times a day with a warm salt-water solution (one-half teaspoon of salt dissolved in eight ounces of warm water). This helps to cleanse the area and reduce inflammation. Applying a topical analgesic gel containing benzocaine or lidocaine may provide temporary pain relief. Avoid acidic, spicy, or overly hot foods and drinks, as they can irritate the ulcer. For the extrinsic staining, gentle and regular brushing with a fluoride toothpaste can help to remove surface stains. Consider using a soft-bristled toothbrush to avoid damaging the enamel. A fluoride mouthwash, used as directed, can provide added protection and help prevent further staining. For the mild gingivitis, gentle brushing and flossing are crucial. Ensure thorough cleaning along the gum line, removing any plaque buildup. Rinsing with warm salt water (1/2 teaspoon of salt dissolved in a glass of warm water) several times a day can soothe inflamed gums and help reduce discomfort.

Dietary Options or Food Solutions:

A soft food diet is recommended if there is pain or inflammation. This will minimize the need to chew extensively, thus reducing any potential discomfort. Foods that are easy to swallow and do not require strenuous chewing include soups, smoothies, yogurt, applesauce, and mashed potatoes. Ensure adequate hydration by consuming plenty of fluids. Maintain a balanced diet rich in fruits, vegetables, and whole grains. Ensuring sufficient intake of iron, vitamin B12, and folic acid is crucial; therefore, consider foods rich in these nutrients, such as leafy green vegetables, lean meats, eggs, and dairy products. Regular consumption of yogurt with live and active cultures can support gut health, which may indirectly benefit oral health. Hydration is vital; make sure you drink plenty of water throughout the day. Avoid foods that trigger your canker sores if you can identify a link, such as certain nuts, chocolate, coffee, or citrus fruits. Limit consumption of staining substances like coffee, tea, red wine, and tobacco. Incorporate foods rich in Vitamin C, which plays a vital role in gum health and tissue repair. This includes citrus fruits, berries, and leafy green vegetables. Ensure adequate intake of calcium and vitamin D for stronger teeth and overall oral health. A balanced diet is essential for maintaining both dental and overall systemic health.

Call for Action:

Given the 80% severity assessment based on the radiographic evidence of impacted wisdom teeth and the potential for developing serious complications such as infection and cyst formation, I strongly advise you to seek immediate consultation with a dental professional. A comprehensive clinical evaluation, including detailed intraoral examination and potentially additional radiographic imaging, is necessary to determine the appropriate course of action. This may involve surgical extraction of the impacted teeth to prevent the aforementioned complications. Delaying treatment could lead to more severe problems and potentially increase the complexity and cost of the procedure in the future. Please schedule an appointment at your earliest convenience. --- Analysis for Image 2 --- Given the relatively low severity and the self-limiting nature of minor aphthous ulcers, consistent application of home remedies should suffice for now. However, should the ulcers persist for longer than three weeks, become significantly larger, or exhibit any unusual features, please schedule an appointment for a thorough clinical examination. In the interim, meticulous oral hygiene is critical. Regular brushing and gentle flossing will help keep your mouth clean and prevent secondary infection. --- Analysis for Image 3 --- Based on the image, the staining and mild gingivitis appear manageable at this stage. However, I strongly recommend scheduling an appointment for a comprehensive dental examination. Early intervention is key to preventing the progression of gingivitis to more advanced periodontal disease. While home remedies may offer temporary relief, a professional cleaning and personalized oral hygiene plan are crucial for long-term dental health. Delaying professional care could lead to increased severity of both conditions.

Recommended Actions:

Schedule a dentist consultation within 2 weeks.
Monitor for signs of pain or swelling.
Early treatment prevents complex procedures.
Do not delay if symptoms worsen.

Oral Health Essentials – IntelliDent Tips

- Brush twice daily with fluoride toothpaste.
- Replace toothbrush every 3 months.
- Floss daily.
- Avoid tobacco and sugary foods.
- Visit your dentist every 6 months.
- Use antiseptic mouthwash if prescribed.

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⚠ Disclaimers:

This report is AI-generated and intended for informational purposes only. Please consult a licensed dental professional for an accurate diagnosis and treatment plan.

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Website: www.intellident-ai.com
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About IntelliDent AI

IntelliDent is on a mission to make dental care more Affordable, Accessible, and Available to anyone, anytime, anywhere.

Our AI-powered platform delivers instant dental reports, hygiene scores, and early diagnostic insights. Backed by experienced clinicians and technologists, IntelliDent helps bridge the gap between oral health awareness and real-time action.

Key Features:

- Instant Teeth Scanning & Scoring
- Condition Detection (Caries, Periodontal Disease, etc.)
- Mobile App for Daily Tracking
- Seamless API Integration with Clinics