



Grounding Caption

This localization caption provides multi-dimensional spatial analysis of anatomical structures and pathological findings for this panoramic dental X-ray image, including:

Teeth visibility with center points (total: 26):

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[
{point_2d: [1027, 489], 'tooth_id': '36', 'score': 0.96},
{point_2d: [525, 510], 'tooth_id': '45', 'score': 0.95},
{point_2d: [576, 504], 'tooth_id': '44', 'score': 0.94},
{point_2d: [476, 317], 'tooth_id': '15', 'score': 0.94},
{point_2d: [1108, 476], 'tooth_id': '37', 'score': 0.94},
{point_2d: [456, 498], 'tooth_id': '46', 'score': 0.94},
{point_2d: [384, 484], 'tooth_id': '47', 'score': 0.93},
{point_2d: [587, 306], 'tooth_id': '13', 'score': 0.93},
{point_2d: [1118, 293], 'tooth_id': '27', 'score': 0.92},
{point_2d: [963, 499], 'tooth_id': '35', 'score': 0.91},
{point_2d: [862, 491], 'tooth_id': '33', 'score': 0.91},
{point_2d: [620, 494], 'tooth_id': '43', 'score': 0.91},
{point_2d: [846, 300], 'tooth_id': '22', 'score': 0.9},
{point_2d: [907, 498], 'tooth_id': '34', 'score': 0.89},
{point_2d: [776, 290], 'tooth_id': '21', 'score': 0.89},
{point_2d: [1052, 302], 'tooth_id': '26', 'score': 0.89},
{point_2d: [631, 305], 'tooth_id': '12', 'score': 0.88},
{point_2d: [992, 293], 'tooth_id': '25', 'score': 0.87},
{point_2d: [897, 296], 'tooth_id': '23', 'score': 0.87},
{point_2d: [533, 317], 'tooth_id': '14', 'score': 0.87},
{point_2d: [946, 301], 'tooth_id': '24', 'score': 0.86},
{point_2d: [665, 477], 'tooth_id': '42', 'score': 0.82},
{point_2d: [414, 318], 'tooth_id': '16', 'score': 0.82},
{point_2d: [692, 302], 'tooth_id': '11', 'score': 0.8},
{point_2d: [764, 470], 'tooth_id': '31', 'score': 0.72},
{point_2d: [813, 478], 'tooth_id': '32', 'score': 0.67}
]
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Wisdom teeth detection (total: 0):

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[  
]
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Dental Pathological Findings (total: 2):

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[
{box_2d: [1009, 260, 1084, 388], 'tooth_id': '26', 'label': 'caries', 'score': 0.2},
{box_2d: [1017, 325, 1029, 341], 'tooth_id': 'unknown', 'label': 'caries', 'score': 0.21, 'near_tooth': '26'}
]
```

Historical Treatments (total: 0):

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[  
]
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Medical Report

Teeth-Specific Observations

1. General Condition

A total of 26 teeth are visualized, with no evidence of wisdom teeth present bilaterally. The dental arches demonstrate normal alignment and spacing, with no signs of impaction or unerupted teeth.

2. Pathological Findings

- Suspicious for caries on #26.
- An area of concern near #26 suggests potential carious involvement or early lesion.

3. Historical Interventions

No prior restorations, root canal treatments, crowns, or implants are observed.

Clinical Summary & Recommendations

1. Priority Concerns

- #26 requires urgent evaluation for suspicious caries and the adjacent questionable lesion. Immediate intervention is advised to prevent progression.

2. Preventive Measures

- Reinforce meticulous oral hygiene practices, particularly around #26.
- Limit sugar intake and recommend fluoride-containing oral care products to reduce caries risk.

3. Follow-up Protocol

- Schedule a **6-month recall** for radiographic reassessment of #26 and adjacent structures.
- Refer to a general dentist or endodontist for definitive diagnosis and treatment planning for #26.
- Advise the patient to report any symptoms (e.g., sensitivity, swelling) promptly.