

Radiolucent Lesions of the Jaw Differential Diagnosis and Management Strategies

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Abstract

Radiolucent lesions of the jaw present a diagnostic dilemma due to their varied etiology and clinical presentation. This article aims to provide a comprehensive overview of the differential diagnosis and management strategies for radiolucent lesions encountered in the jaw. Differential diagnoses include odontogenic cysts, benign tumors, inflammatory lesions, cystic lesions of non-odontogenic origin, and malignant tumors. Accurate diagnosis relies on a combination of clinical examination, radiographic imaging, and histopathological evaluation. Management strategies encompass conservative approaches, surgical intervention, endodontic therapy, and long-term follow-up. A multidisciplinary approach involving oral and maxillofacial surgeons, radiologists, and pathologists is essential for optimal patient care.

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