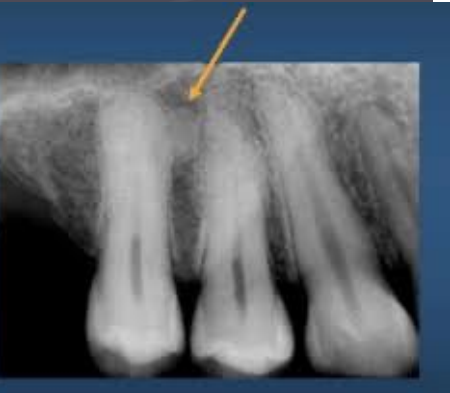


Cemental Spurs
and Concrecence
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Cemental Spurs

- ★ They're found at or near the Cementoenamel Junction.
- ★ They're symmetrical spheres of cementum attached to the cemental root surfaces, similar to enamel pearls.
- ★ Cemental spurs result from irregular deposition of cementum on the root



Concrecence

This occurs when the roots of two or more primary or permanent teeth are fused by cementum. Although the cause is unknown, many authorities suspect that space restriction during development play an important role. If the condition occurs during development, it is sometimes referred to as true concrecence. If the condition occurs later, it is referred to as acquired concrecence.



Concreescence

Maxillary molars are the teeth most frequently involved, especially a third molar and a supernumerary tooth. Involved teeth may fail to erupt incompletely. The sexes are equally affected.

It is usually impossible to determine whether teeth whose roots imagined are superimposed are actually joined. If the roots are joined, it may be impossible to tell whether the union is by cementum or by dentin(fusion). In this regard, the absence of a periodontal ligament (PDL) space between the roots may be helpful.



Clinical Problems

Cemental Spurs: They can present some clinical problems in differentiation from calculus and may be noted on radiographs; yet, because they are hard dental tissue, they are not easily removed, and thus may also interfere with periodontal treatment.

Concrescence: affects treatment only when the decision is made to remove one or both of the involved teeth because the condition complicates the extraction. The clinician should warn the patient that an effort to remove one might result in unintended and simultaneous removal of the other.

Role of the Dental Team

Cemental spurs and concretion can be seen on xrays.

It is important for the dental team to record and document findings on the radiographs



Thank You!