The Roles of the Orthodontist, Periodontist and the Restorative Dentist in the Treatment of Osseous Defects

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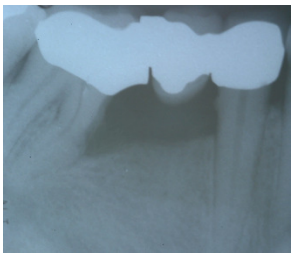
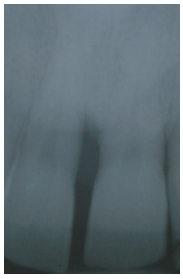
Interproximal Crater

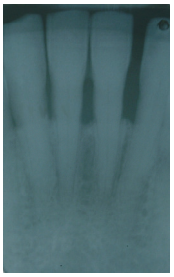
One Wall Defect



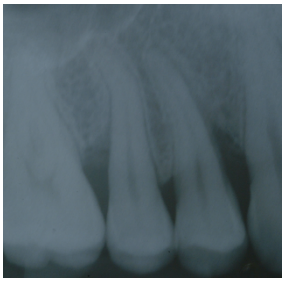
Two Wall Defect



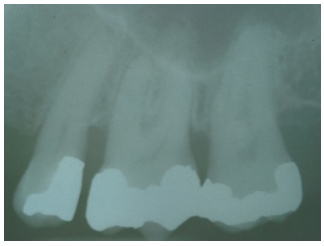
Horizontal Bone Loss



Three Wall Defect



Class Two Furcation



Class Three Furcation

<u>Interproximal Crater</u>

- **Buccal and lingual walls are present**
- **Root Planing to reduce inflammation**
- **Resective therapy best option**
- **Generalized orthodontic treatment can be begun after resolution of pocketing and signs of inflammation (Bleeding)**

One Wall Defect

- **Often seen mesial to tipped molars**
- **Root Planing to reduce inflammation**
- **Orthodontic treatment is the most ideal approach as it minimizes or eliminates the defect and allows for proper restoration of remaining teeth (ie: implant, bridge)**

Two Wall Defect

- **Root Planing to reduce inflammation**
- **Orthodontic extrusion done to minimize defect**
- **Often seen in teeth with endodontic perforations**
- **Periodontal surgery may also be required**

Three Wall Defect

- **Root Planing to reduce inflammation**
- **Regeneration Therapy (bone graft and/or membrane)**
- **Generalized Orthodontic Treatment may begin during the healing process**

Horizontal Bone Loss

- **Root Planing, although it may not be needed if pocketing is minimal**
- **Care should be taken during orthodontic treatment to maintain the flat osseous crest**
- **Periodontal Surgery may be done if pocketing does exist**

Class II Furcation

- **Root Planing as initial treatment**
- **Regenerative Therapy with membrane**
- **Orthodontic treatment can be begun after the removal of the membrane**

Class III Furcation

- **Root Planing as initial treatment**
- **Tooth has a poor prognosis**
- **Can be used for orthodontic anchorage prior to extraction**
- **Hemisection or implants should be considered**

Proper diagnosis (charting, full mouth series) is essential. Use team approach with all patients who are found to be at risk.