

DENTAL CARIES

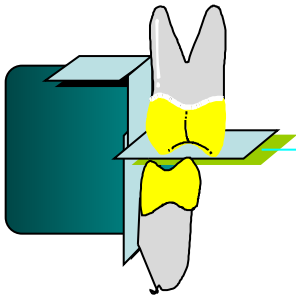
Dept. of Oral Pathology

LEARNING OBJECTIVES

- ✱ At the end of the lecture student should be able to
 - Describe different methods of diagnosis of caries

DIAGNOSIS OF CARIES

1. Visual detection
2. Tactile sensation using explorer
3. Radiographs and Computer based Analysis
4. Direct Digital Radiography
5. Magnetic Imaging And Micro Imaging of carious tooth
6. Digital Fibre optic Trans Illumination
7. Quantitative Light Induced Fluorescence
8. Dyes
9. Electronic Conductance measurements
10. Diagnodent

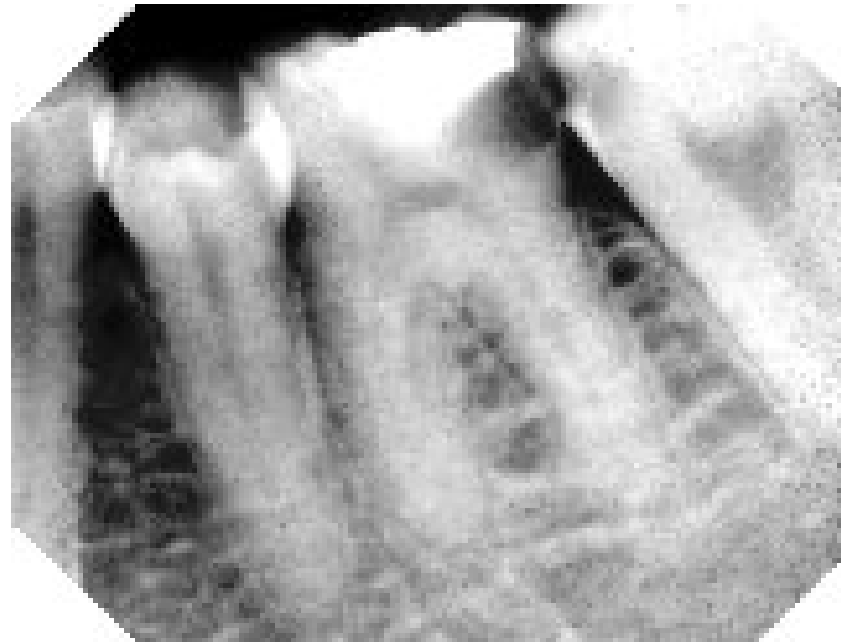
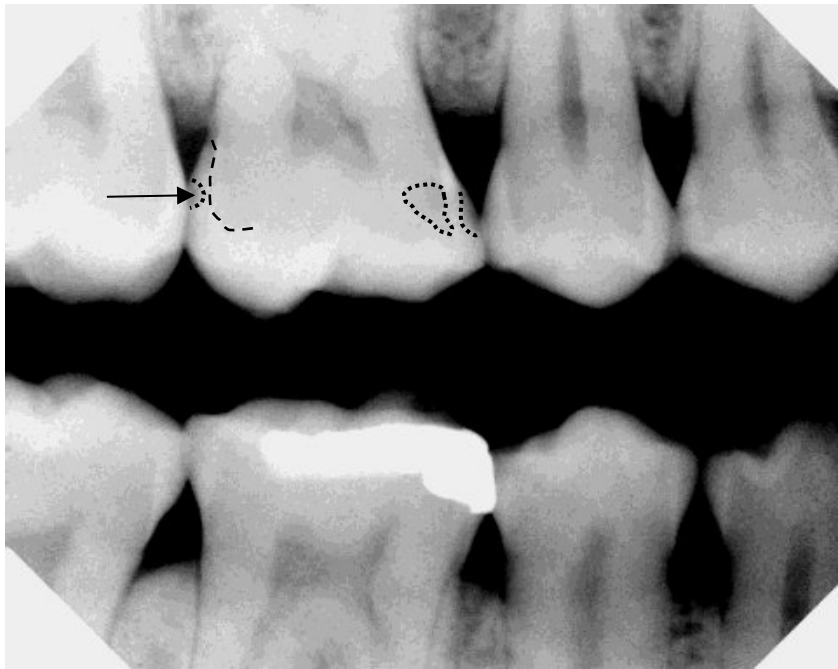


Bitewing Radiography

Indications

1. Detection of initial dental caries at the proximal surface and at the occlusal D-E junction
2. Detection of secondary dental caries especially at the pulpal and cervical floor
3. To study proximity of carious lesion to pulp

Radiographic Features of Dental Caries

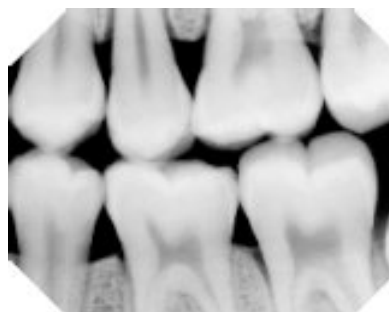
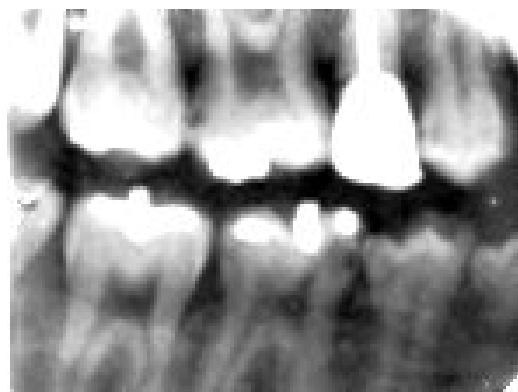


Radiographic Features of Dental Caries



Radiographic Features of Dental Caries





CARIES MANAGEMENT

The management of active caries always requires preventive treatment ,and in cases in which cavities preclude plaque control, operative treatment is also needed.

The Preventive Treatment:

The term preventive treatment is used which implies active intervention by the dental team that is skillful, time consuming and worthy of payment.

Patient Involvement

The carious process can be arrested by meticulous plaque control, dietary modification, judicious use of fluoride, and salivary stimulation. Each of these approaches required the active co-operation of the patient. The patient is in control of his or her dental destiny because it the patient not the dentist who influences the carious process.

SUMMARY

- various methods of diagnosis of caries

BIBLIOGRAPHY

- Text book of oral pathology Shafer's, 5 & 6th edition
- Color Atlas of Oral Diseases Cawson, R. 2nd edition
- Oral and Maxillofacial Pathology Neville, Brad W. 2nd
- Lucas's Pathology Of Tumor's of the Oral Tissues Cawson, R. A., Bennie, W. H 5th edition

THANK YOU