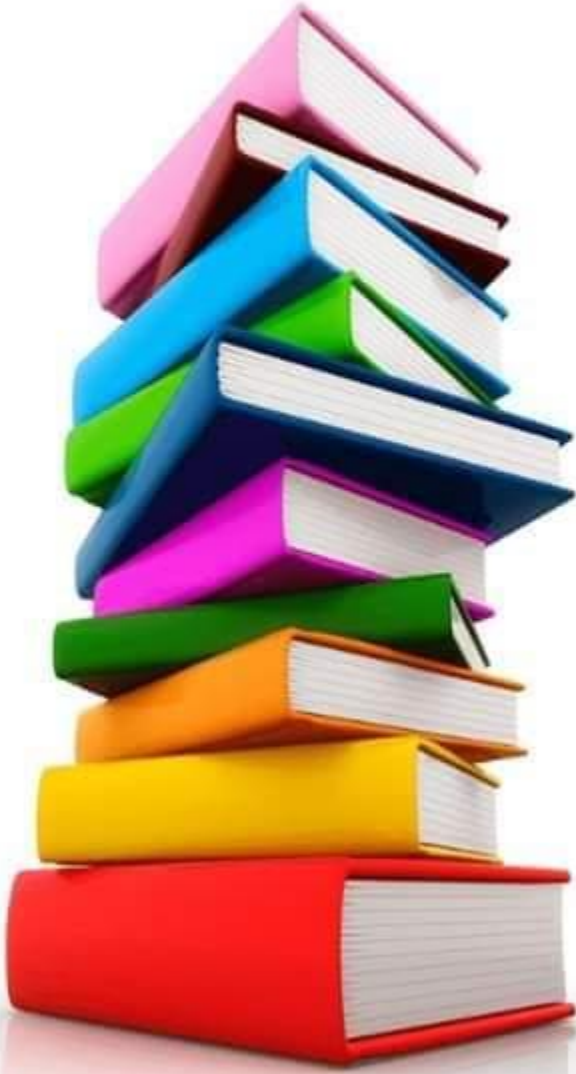


# Dental radiology terminology

Dr Amal Albtoosh



قال النبي صَلَّى اللَّهُ عَلَيْهِ وَعَلَى آلِهِ وَسَلَّمَ:



« مَنْ سَلَكَ طَرِيقًا  
يَلْتَمِسُ فِيهِ عِلْمًا،  
سَهَّلَ اللَّهُ لَهُ بِهِ  
طَرِيقًا  
إِلَى الْجَنَّةِ »

« صحيح مسلم » (2699)

مجالس الذكر



Dental radiography are pictures of the teeth, bones and surrounding soft tissues



(a)

(b)

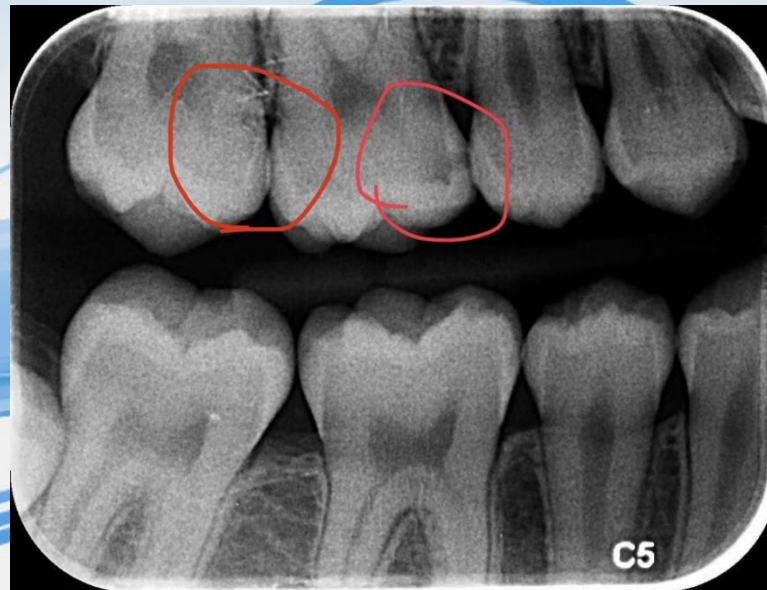


(c)



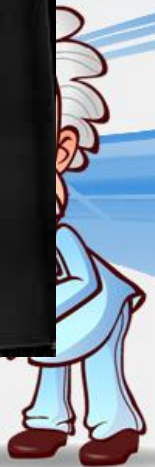
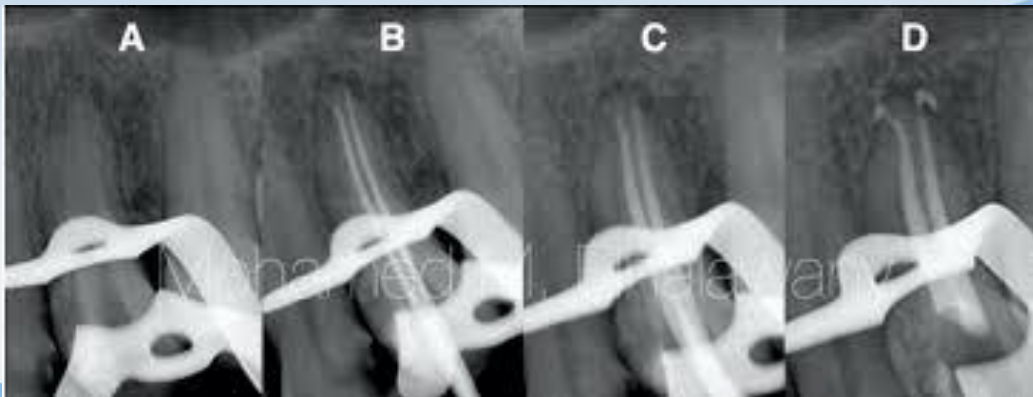
# PURPOSES OF RADIOLOGY

- screen for diagnose purposes.
- show cavity and hidden dental structures such as wisdom teeth.
- assess root morphology before extractions.



# PURPOSES OF RADIOLOGY

- assist during endodontics procedure.
- assess preoperative and postoperative appraisal of apical surgery.



# PURPOSES OF RADIOLOGY

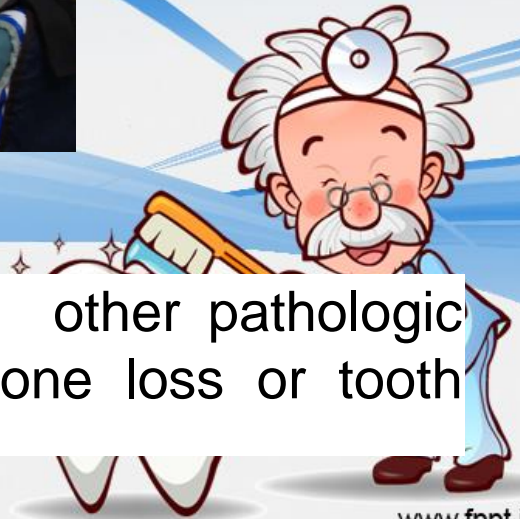
- evaluate apical cysts and other lesions within the alveolar bone.
- evaluate implants postoperatively



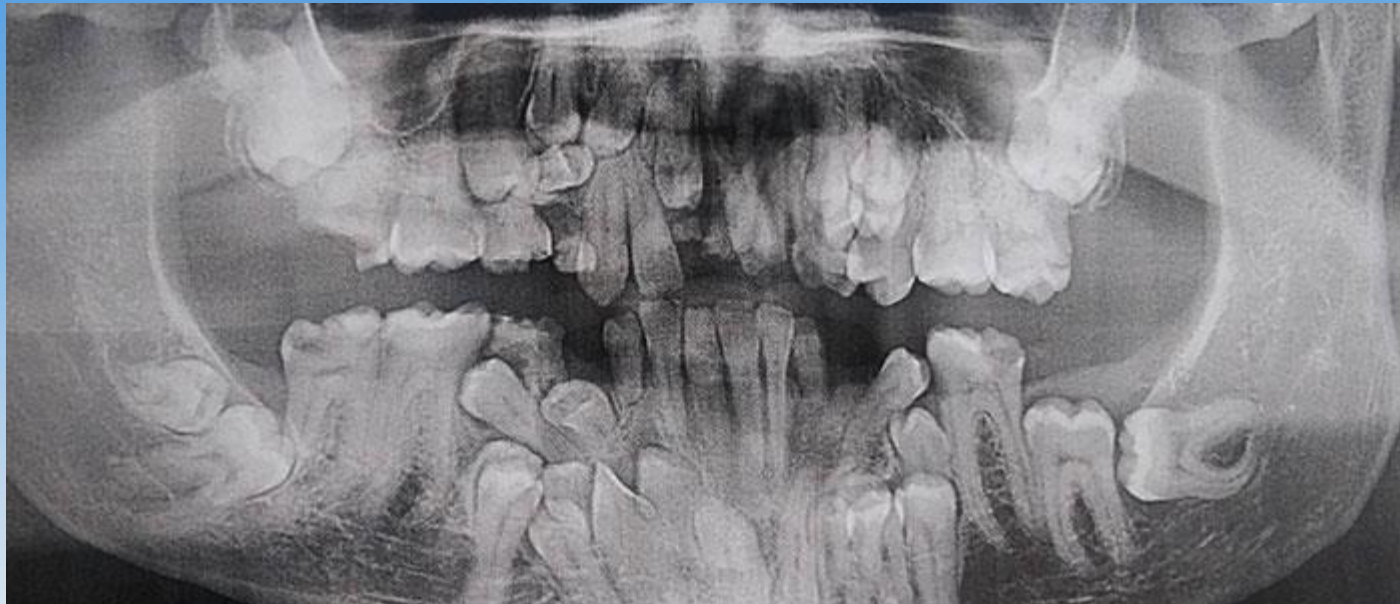
# PANORAMIC RADIOGRAPHY



To detect and localise mandibular fractures and other pathologic entities of the mandible (except periodontal bone loss or tooth decay).



## A Rare Disorder Called Cleidocranial Dysotosis.



Cleidocranial dysplasia is a rare genetic condition that affects teeth and bones, such as the skull, face, spine, collarbones and legs.

The name “cleidocranial dysplasia” comes from “cleido,” which refers to the collarbones, and “cranial,” which refers to the skull. Skull and collarbone abnormalities, along with dental abnormalities, are the main features of CCD.





# 3 TYPES OF INTRA-ORAL RADIOGRAPHY

- Periapical Radiography – Pa
- Bitewings Radiography – Bws
- Occlusal Radiography - Occl



# PERIAPICAL RADIOGRAPHY (Pa)

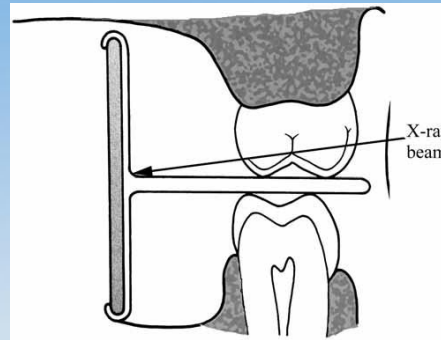


## Purpose:

- Detection of apical infection / inflammation.
- Assessment of periodontal status.
- Assessment to teeth and associated alveolar bone after trauma.
- Assessment of presence and position of unerupted teeth.



# BITEWINGS RADIOGRAPHY



## Purpose:

- To demonstrate crowns of both upper and lower teeth making sure the inter-dental spaces are shown adequately.



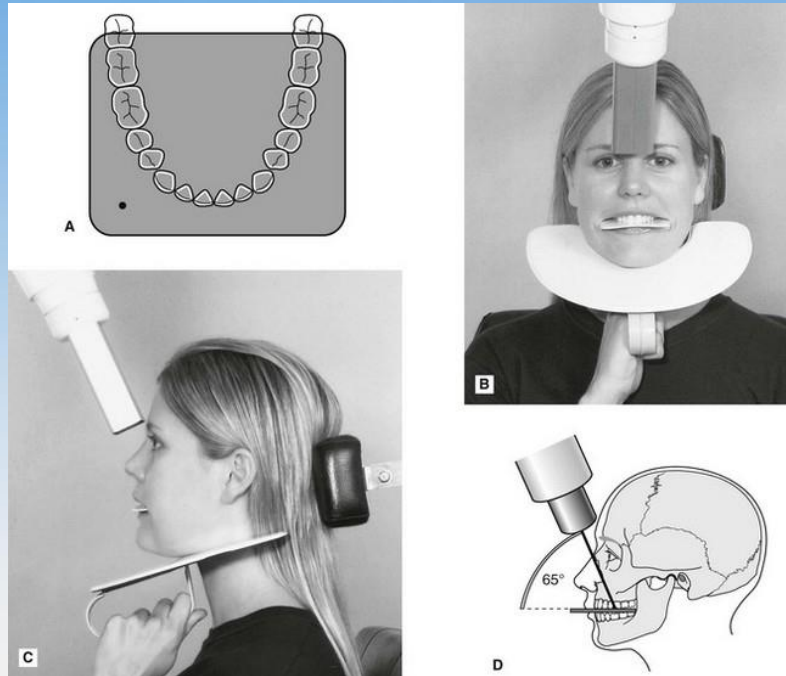
# OCCLUSAL RADIOGRAPHY



Purpose:

- Occlusal radiography is intraoral radiography technique to reveal the skeletal or pathologic anatomy of either the floor of the mouth or the palate.

# TYPES OF OCCLUSAL RADIOGRAPHY



## Upper Standard Occlusal

- Patient have to bite the film during imaging the entire upper teeth while the tube come from the upper part of the patient nose.



# TYPES OF OCCLUSAL RADIOGRAPHY



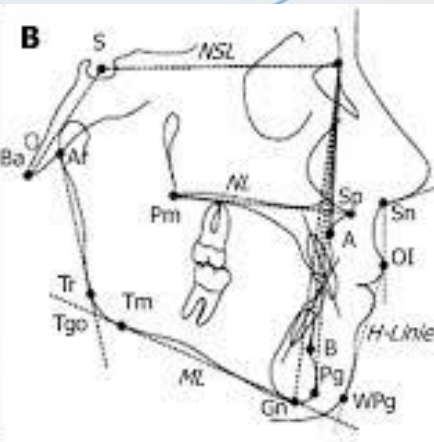
## Lower True Occlusal

- These are how the x-ray tube and the film are placed to image the lower part.



# CEPHALOMETRIC RADIOGRAPHY

- Cephalometric radiography is a standard and reproducible form of skull radiography used extensively in orthodontics.
- Standardisation is essential for the development of cephalometry.




## did you know?™

DidYouKnowFacts.com

X-rays were discovered by accident. While experimenting with cathode rays covered by thick cardboard in 1895, Wilhelm Röntgen noticed a light being cast on a fluorescent board across the room. The first X-ray was of the hand of his wife, who saw the image of her bones and exclaimed 'I have seen my death!' - so he named them X-rays, using an 'X' to represent their mysterious nature.



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 DIDYOUKNOWFACTS.COM

