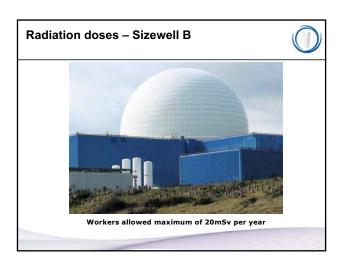
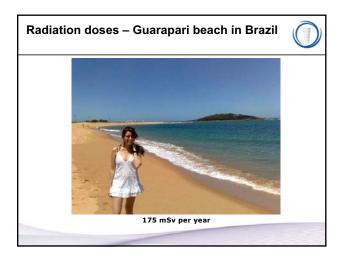
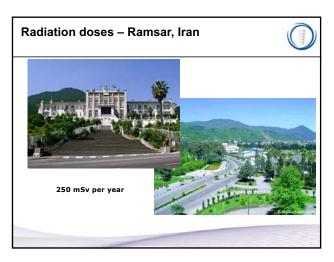
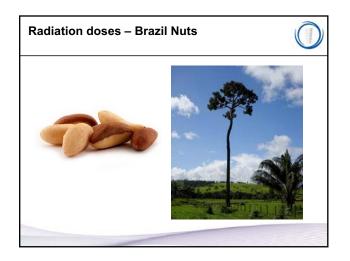


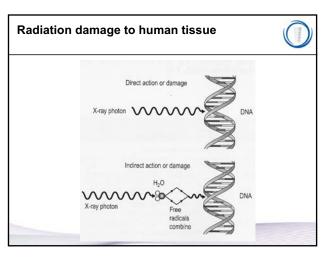
Radiation doses • Absorbed dose (D) (Gray –Gy) • Effective dose (E) now used (Sievert–Sv) • NRPB estimates annual UK radiation doses 2.7mSv				
	Radiation Source	Dose		
	Cosmic rays	300		
	Earth's crust	400		
	Food	370		
	Radon	700		
	TOTAL	2.7mSv		
	• 7.8mSv average annu	ual dose in Cornwall		





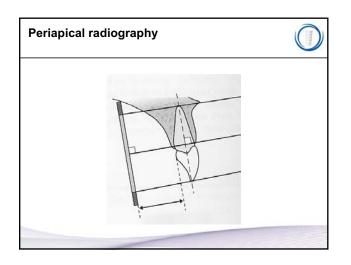


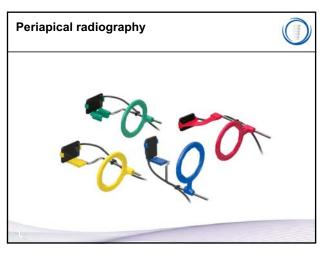


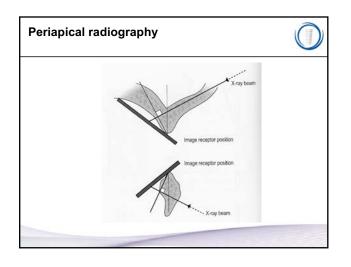


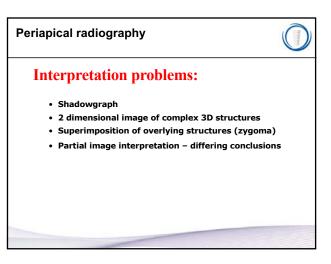
Estima			
	X-Ray examination	Risk of fatal cancer (est)	
	CT chest	1 in 2,500	
	CT head	1 in 10,000	
	OPG	1 in 1,000,000	
	Periapical	1 in 20,000,000	

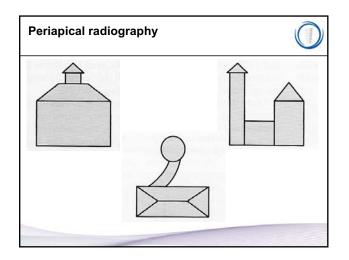
Periapical radiography		
Sufficient image receptor to record the apical tissues	Parallel X-ray beam meeting both the tooth and image receptor at right angles	

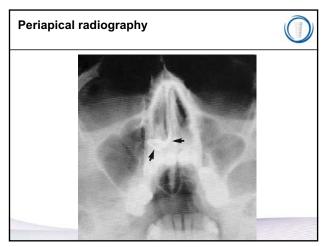


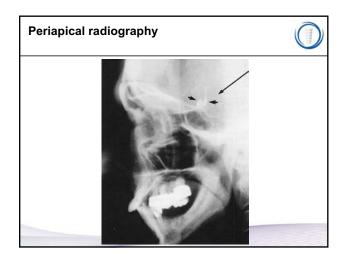


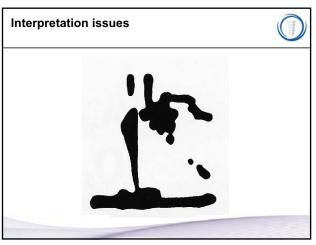


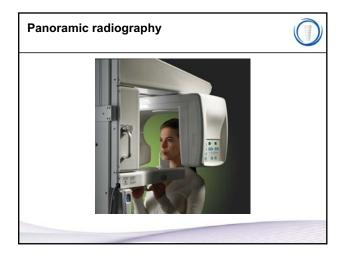


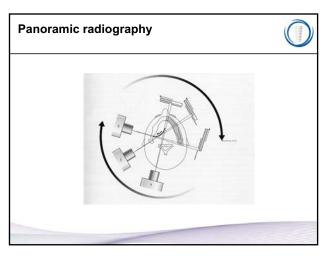


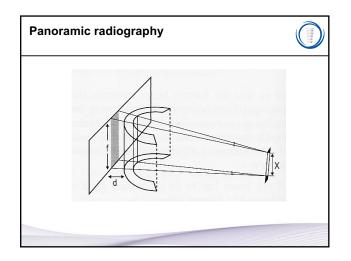


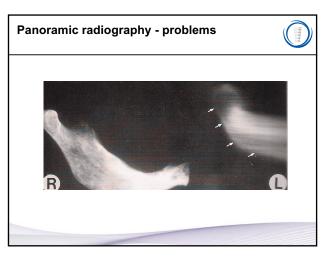


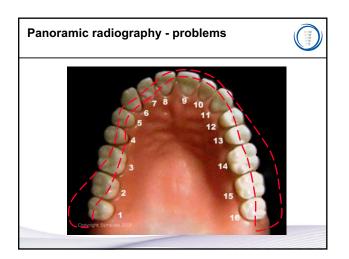


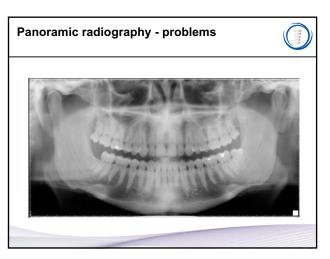


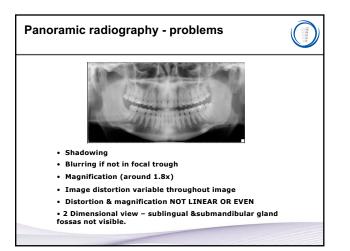




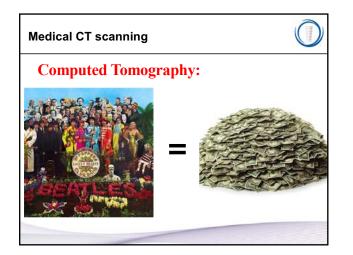




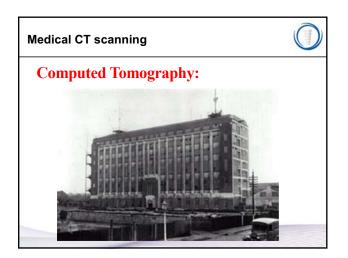




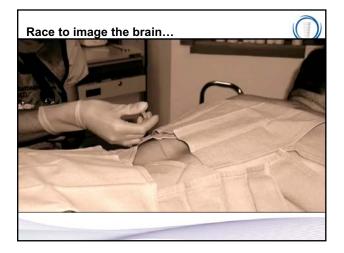


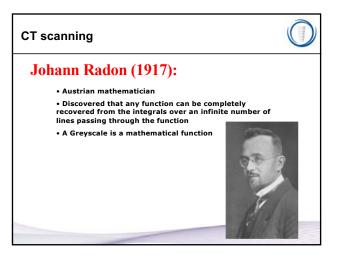


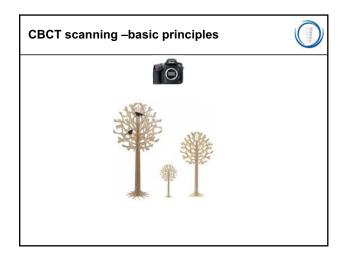
Medical CT scanning	\bigcirc
Computed Tomography:	
EM	

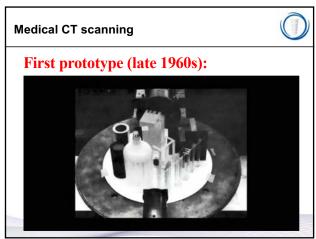


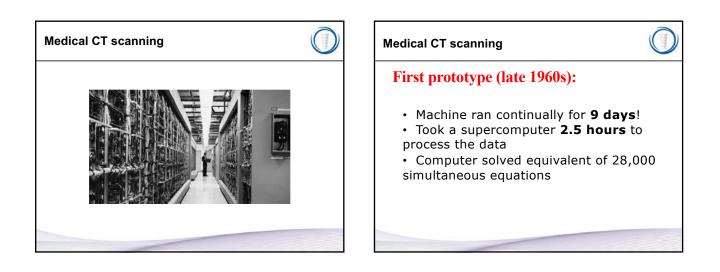


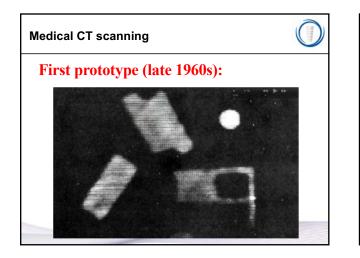


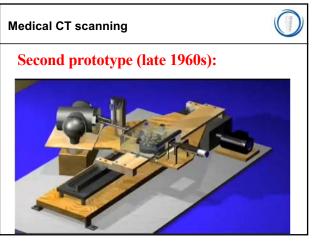


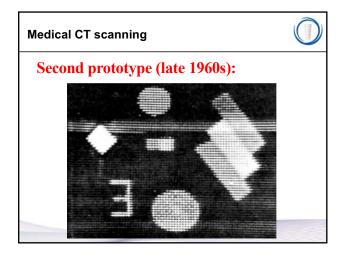


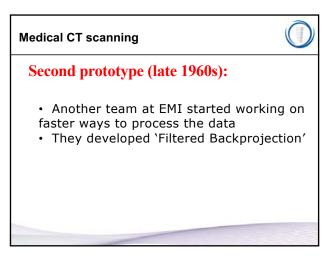


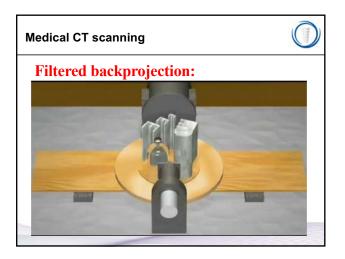


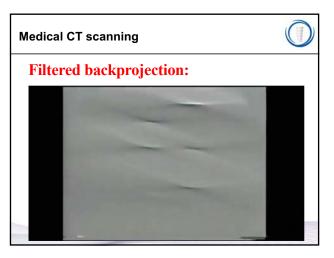


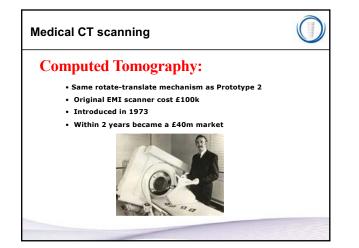


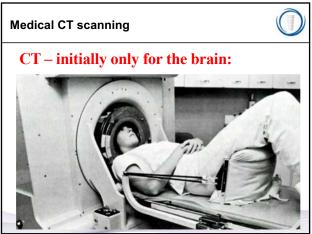




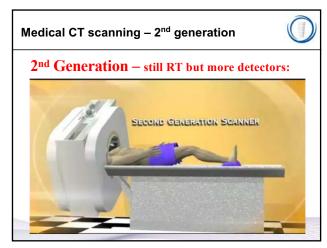






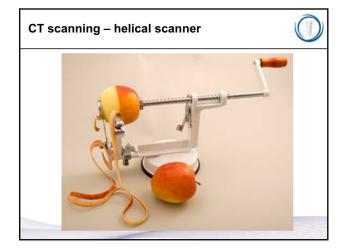


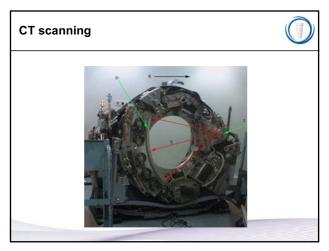




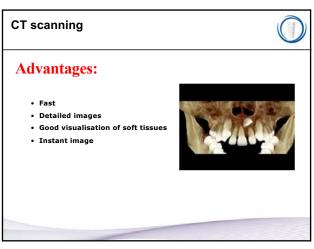


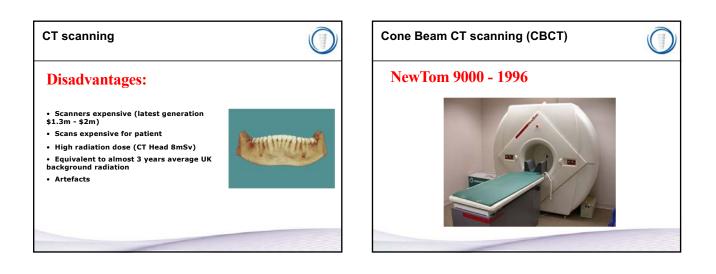


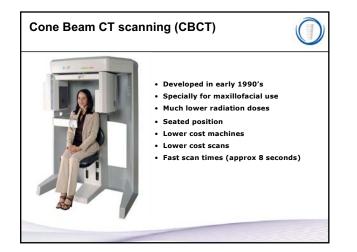


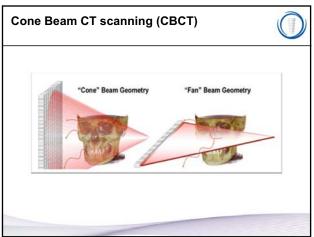


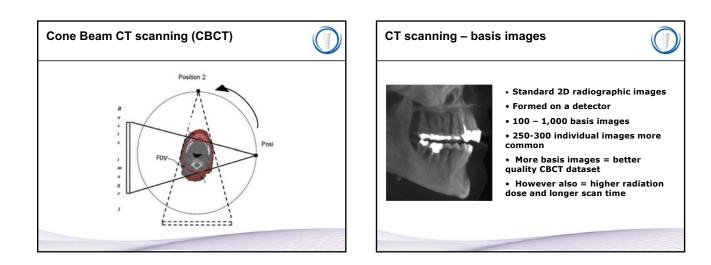


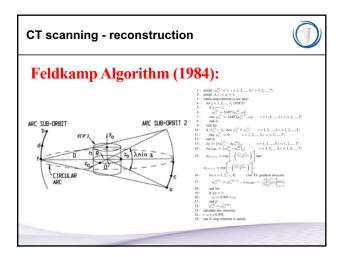


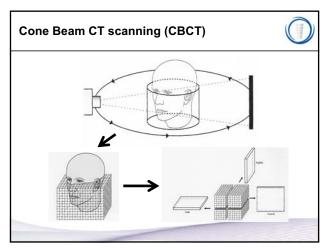


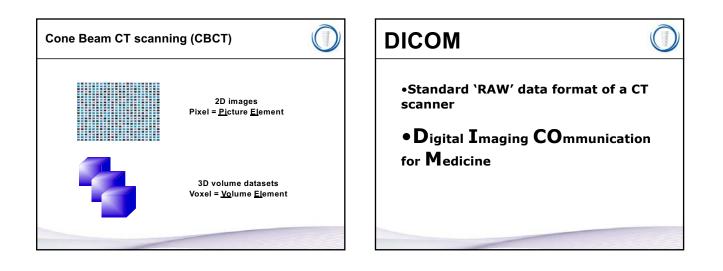


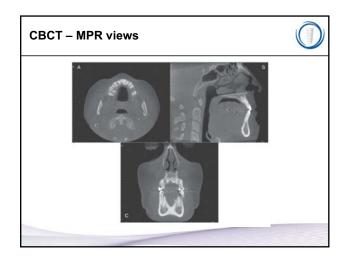


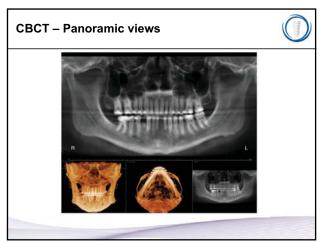


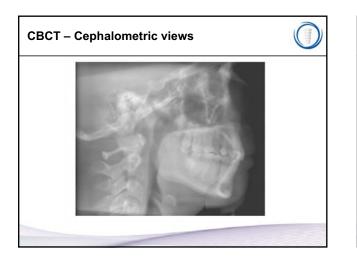


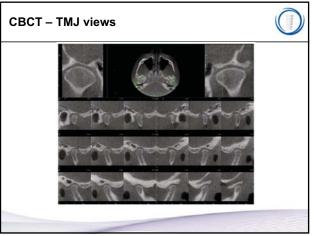


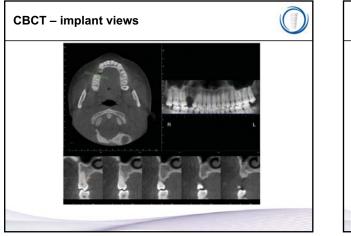


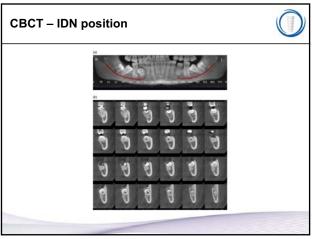


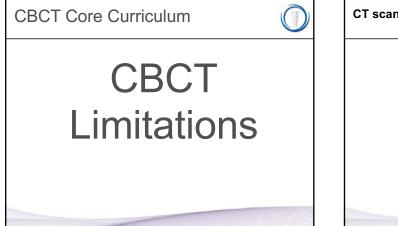


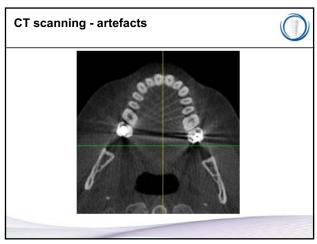


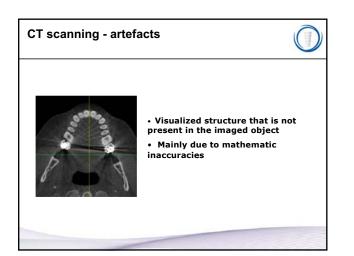


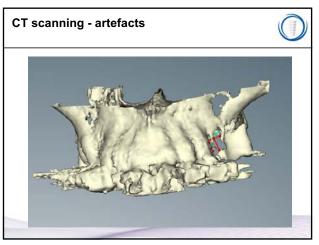


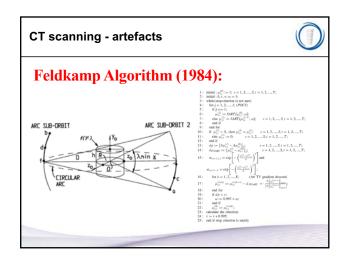


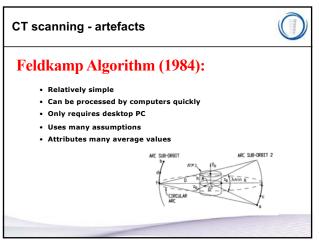


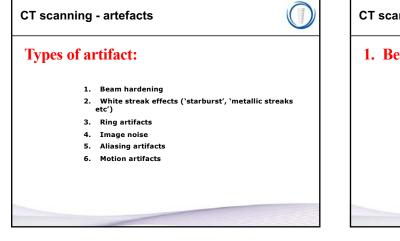


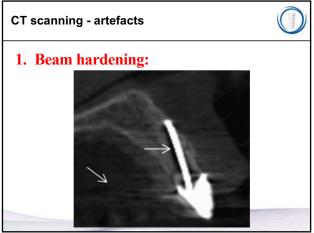


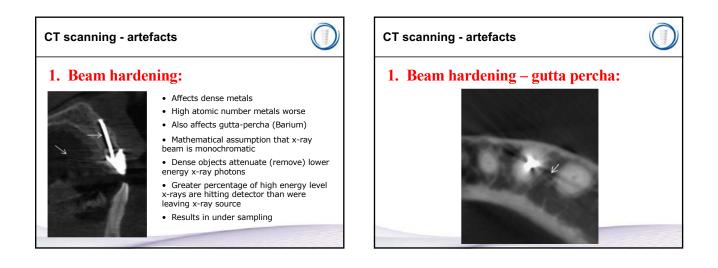


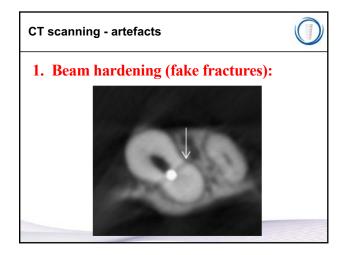


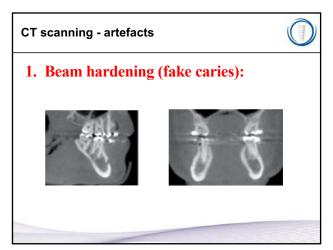


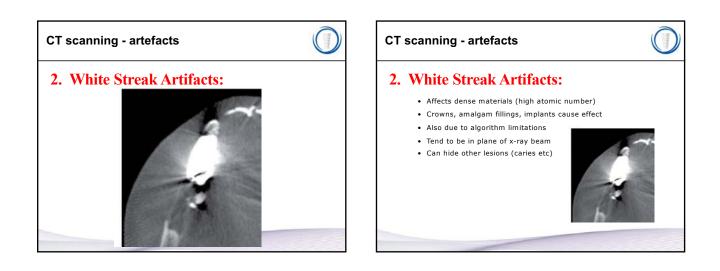


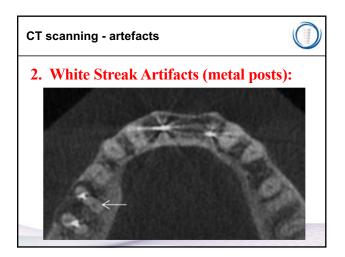


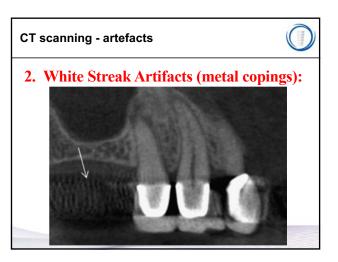


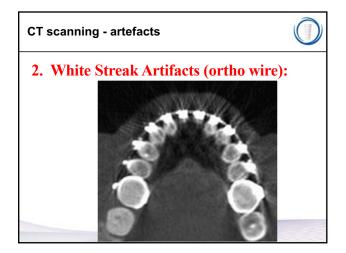


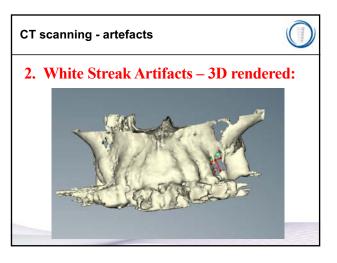


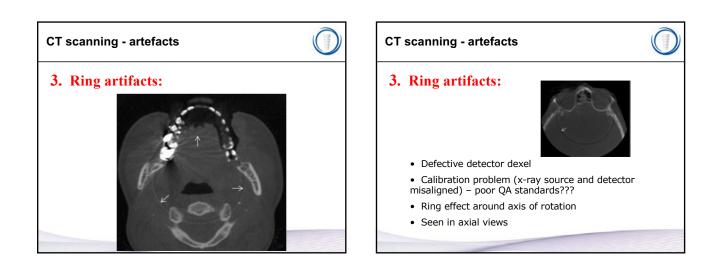


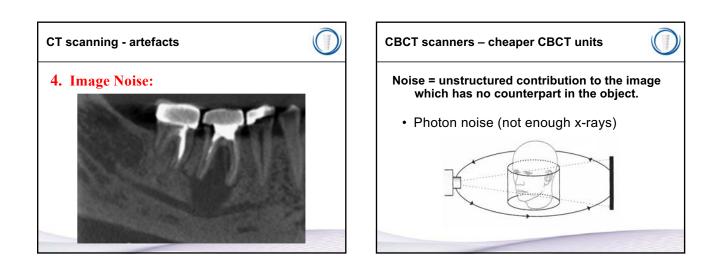




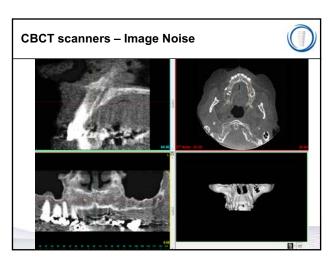


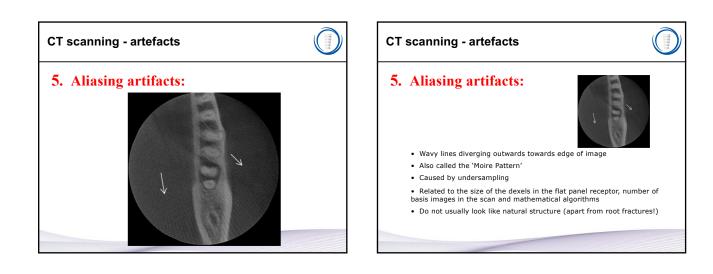


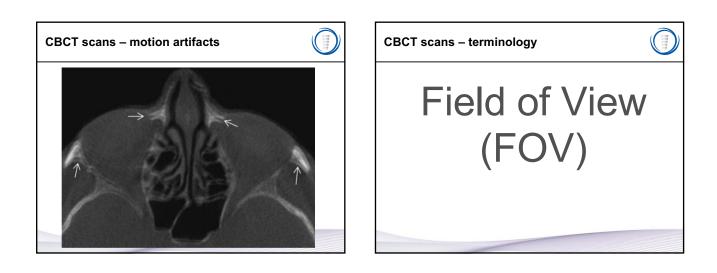


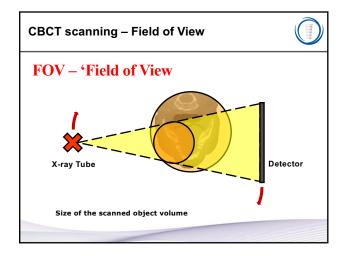


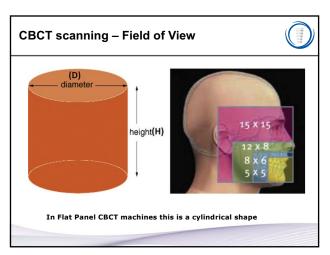




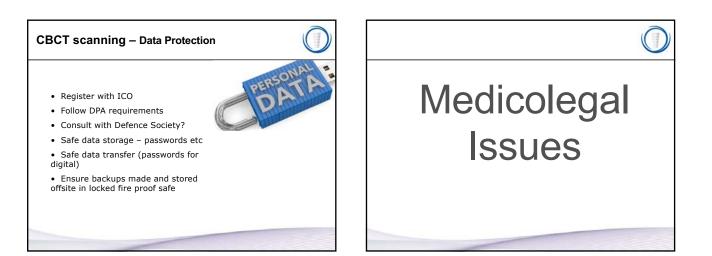




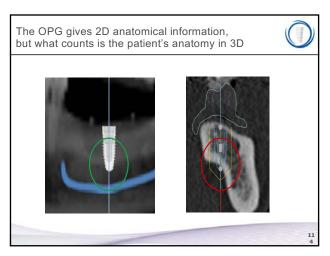












CBCT scanning – Medicolegal issues



- Ensure full clinical assessment is always done first
- Ensure and record justification for exposure
- Must have an expected benefit for the patient
- Only image dento-alveolar region
- If other regions imaged refer for report
- Obtain and record informed consent



