

Cone Beam Computed Tomography

The Cone Beam CT is state-of-the-art technology designed to create three-dimensional images of bones and teeth. This new diagnostic tool is now available at the UK College of Dentistry.

This new technology features significantly less radiation than the traditional CT scan while allowing the dentist to perform a complete and detailed examination.

The Cone Beam CT allows your dentist to:

- See the bones around your teeth
- Look for impacted teeth
- Measure the amount of bone necessary to place an implant.
- Analyze 3-D images of the jaw bones and teeth.
- Quickly scan patients; Only takes 10 seconds.
- Easily position patients for better image quality
- Thoroughly evaluate major problems relating to TMJ.



The patient is seated in an open, comfortable environment.

Frequently asked questions about Cone Beam CT

How long does it take to perform the exam?

It generally takes seven to 10 seconds.

Is there radiation associated with this CT scan?

Yes, radiation is necessary to get the images. However, the amount of radiation is only slightly higher than the necessary radiation for a traditional dental X-ray.

Is there any special preparation for the exam?

No, there is no special patient preparation for the exam. The X-ray tech will ask you to sit down and relax while the machine does the work.

Are there reasons why I couldn't have such an exam?

Chances are there will be no reason why you couldn't have such an exam, but your dentist will review your medical history, look for any contraindications and evaluate your mouth before the appointment in radiology.

Is this technology safe for all ages?

Yes, the technology is safe for all ages including children.