

What is CBCT?

A Cone Beam CT (CBCT) scan illustrates the actual make-up of the bone and provides three-dimensional and cross-sectional views of the anatomy.

As a result, the CBCT technology provides a lot more information and detail than two-dimensional x-rays.

This helps your clinician to make a more accurate diagnosis and thorough treatment plan.

"OPG or OPT" and "Ceph"

These are two-dimensional x-rays that give your clinician a frontal or lateral view of all your teeth and the surrounding skeletal information. They are also called "panoramic" or "cephalometric" images.

Benefits vs risks

Our radiographers work closely with our referring clinicians to maximise the benefits achieved by using CBCT and outweigh any small risk involved.

Radiation dose information

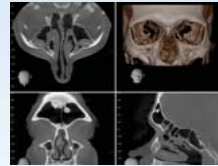
μSv (microsievert) is the scientific unit used for measuring the effect of radiation on our health.



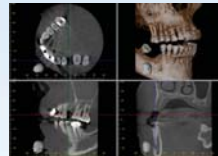
The average radiation a UK citizen receives in a year from all sources is **2200 μSv**



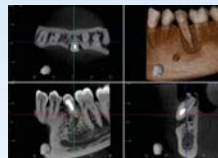
A flight from New York to Tokyo is approximately **150 μSv**



A Cavendish Imaging CBCT of the sinuses is approximately **150 μSv**



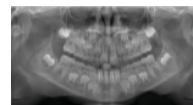
A Cavendish Imaging CBCT of both jaws is usually much less than **100 μSv**



A Cavendish Imaging CBCT of 1 to 3 teeth is approximately **40 μSv**



A Cavendish Imaging CBCT of an ankle is usually much less than **20 μSv**



2D x-rays vary and usually less than **15 μSv**



Eating one average-sized banana is equivalent to **0.1 μSv**

What happens step-by-step

Your clinician refers you to us. They may arrange the appointment time with you or please call us to arrange. The main phone number is 020 7935 2777.



Upon booking, we will ask you to complete the relevant forms, esp. Covid.



Please come to your appointment at the time you are booked for and wear your face mask. Expect to be on our premises for approximately 30 minutes.



Our Cavendish Imaging radiographer will take you through for your scan, explaining the procedure before each stage.



The scan itself is non-invasive, totally painless and lasts seconds. You will need to remain as still as possible during the scan.



The radiographer will check your scan and notify your clinician.



If paying on the day, please settle by card or contactless and kindly fill out our electronic customer satisfaction form.