

CT Scans

A CT Scan is an x-ray image of your teeth, jaws, and surrounding vital structures. It shows, in high resolution and precise detail, structures not visible with traditional X-rays. With a 3D CT scan, we can assess your case; determine if you are suitable for dental implants; determine the quantity and quality of bone; judge whether bone grafting will be necessary and plan precisely where to place the implants.

The vital structures such as nerves and sinuses can be precisely located, helping us to determine the proper treatment approach for each individual patient; including the correct implant type, size and position for optimal implant placement. 3D Imaging has become the standard of care for implant dentistry.

Why would I need a CT scan?

The CT scan is used to assess and plan your dental implant treatment accurately and safely. This allows your dentist to:

- Accurately evaluate bone tissues and provide you with a precise diagnosis
- Identify related structures e.g. nerves, sinuses and root tips
- Plan the precise placement of implants prior to surgery
- Ensure predictable, long-lasting results.



Is The Scan Comfortable?

The simple answer is 'Yes'. A CT scan is a comfortable, pain-free, quick procedure. A dental nurse will seat you in a separate room and, unlike an MRI scanner, the CT scanner will move around your head. The scan from start to finish takes about 20 seconds. The CT scan can be arranged in the same week depending on the availability of the appointments at South Coast Dental Specialists.

Is the CT scan safe?

The CT scan is very safe. Cone beam technology emits very small amounts of radiation for the CT scan. In fact, the imaging requires less radiation than a traditional X-ray and the cone beam technology emits 80 to 100 times less radiation than a traditional medical CT scan of the same area. It is important to inform us if you are pregnant or trying to become pregnant.

