

CBCT Informed Consent Form

1. **A CBCT scan, also known as Cone Beam Computerized Tomography**, is an x-ray technique that produces 3D images of your skull that allows visualization of internal bony structures in cross section rather than as overlapping images typically produced by conventional x-ray exams. CBCT scans are primarily used to visualize bony structures, such as teeth and your jaws, not soft tissue such as your tongue or gums.

2. **Advantages of a CBCT Scan over conventional x-rays:**

A conventional x-ray of your mouth limits your dentist to a two-dimensional or 2D visualization. Diagnosis and treatment planning can require a more complete understanding of complex three-dimensional or 3D anatomy. Advantages of CBCT scans include:

- A) Higher accuracy when planning implant and other surgeries
- B) Greater chance for diagnosing conditions such as vertical root fractures and endodontic pathology that can be missed on conventional x-rays
- C) Greater chance of providing images and information that may result in the patient avoiding unnecessary, and sometimes invasive, dental treatment
- D) Better diagnosis of third molar (wisdom teeth) positioning in proximity to vital structures such as nerves and blood vessels prior to removal
- E) The CBCT scan enhances your dentist's ability to see what needs to be done before treatment is started.
- F) Enhanced patient safety, more predictable outcomes, less discomfort, and faster treatments.

3. **Radiation:** CBCT scans, like conventional x-rays, expose you to radiation. At Foundation Endodontics, the dose of radiation used for CBCT examinations is carefully controlled to ensure the smallest possible amount is used that will still give a useful result. The dosage per scan is equivalent to 2 regular dental x-rays. However, all radiation exposure is linked with a slightly higher risk of developing cancer. But the advantages of the CBCT scan outweigh this disadvantage.

4. **Pregnancy:** Women who are pregnant should NOT undergo a CBCT scan due to the potential danger to the fetus. Please tell the dentist if you are pregnant or planning to become pregnant.

5. **Diagnosis of non-dental conditions:** While parts of your anatomy beyond your mouth and jaw may be seen on the scan, we are neither physicians nor radiologists and will not make assessments concerning your anatomy beyond your mouth or jaw. If any abnormalities, asymmetries, or common pathologic conditions are noted upon the CBCT scan, it may become necessary to send the scan to an Oral and Maxillofacial Radiologist for further diagnosis. However, by signing this form, you are acknowledging that your dentist may not be qualified to diagnose all conditions that may be present, and that his/her liability only extends to the limits of the dental purpose of the scan and its interpretation for that purpose. If you are a patient that is only referred for a CBCT scan, then we are not responsible for interpretation or evaluation of the scan, but are only providing the scan for the evaluation at your dental office.

PLEASE DO NOT SIGN THIS FORM UNLESS YOU HAVE READ IT, UNDERSTAND IT, AND AGREE TO ACCEPT THE RISKS AND ADVANGAGES NOTED.

I, _____ being 18 years or older, certify that I have read the above statement. I understand the procedure to be used and its benefits, risks, and alternatives. I have been given the opportunity to have my questions answered, and accept the risks of the CBCT scanning procedure as described above. I therefore give my consent to have Dr. Mina Rizk and his staff as he may designate, perform a CBCT scan.

Signature of Patient, or Legal Guardian _____

Date: _____