



## **INFORMED CONSENT - CONE BEAM CT SCAN**

- 1.) **A CBCT scan, also know 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.) **Diagnosis of non-dental conditions:** While parts of your anatomy beyond your mouth and jaw may be evident from the scan, your orthodontist may not be qualified to diagnose conditions that may be present in those areas. If any abnormalities, asymmetries, or common pathologic conditions are noted upon the CBCT scan, it may be necessary to send the scan to an Oral and Maxillofacial Radiologist for further diagnosis. However, by signing this form, you are acknowledging that your orthodontist may not be qualified to diagnose all conditions that may be present, and that his/her liability only extends to the limits of the orthodontic purpose of the scan and its interpretation for that purpose. **We are not responsible for interpretation or evaluation of the scan, but are only providing the scan for the evaluation at your orthodontic office.**
- 3.) **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. Benefits of CBCT scans include: A.) Better accuracy for planning orthodontic treatment; B.) Greater chance of providing images and information which may result in the patient avoiding unnecessary dental treatment; C.) Better diagnosis of third molar (wisdom teeth) positioning; D.) The CBCT scan enhances your dentist's ability to see what needs to be done before treatment is started.
- 4.) **Radiation:** CBCT scans, like conventional x-rays, expose you to radiation. In the office of Dr. Pamela Regimbal, 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.
- 5.) **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.

**PLEASE DO NOT SIGN THIS FORM UNLESS YOU HAVE READ IT, AND AGREE TO ACCEPT THE RISKS AND ADVANTAGES 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. Regimbal and her staff as she may designate, perform a CBCT scan.

Patient Name: \_\_\_\_\_

Signature of Patient/Legal Guardian \_\_\_\_\_ DATE: \_\_\_\_\_

Witness to Signature: \_\_\_\_\_ DATE: \_\_\_\_\_