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INFORMED CONSENT CONE BEAM CT SCAN

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:** CBCT examinations provide a wealth of 3D information, which may be used when planning for dental implants, surgical extractions, maxillofacial surgery, and advanced dental restorative procedures. Benefits of CBCT scans include: A. Higher accuracy when planning implant placement surgery; B. Greater chance for diagnosing conditions such as vertical root fractures that can be missed on conventional x-ray films; C. Greater chance of providing images and information which may result in the patient avoiding unnecessary 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.

3. **Radiation:** CBCT scans, like conventional x-rays, expose you to radiation. At the office of Dr. _____, 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. However, all radiation exposure is linked with a slightly higher risk of developing cancer

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 evident from the scan, your dentist 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 become necessary to send the scan to an Oral and Maxillofacial Radiologist for further diagnosis. If this occurs, we will discuss this option with you as well as the fee for the additional diagnosis and referral.

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 acknowledge that I have had a full opportunity to discuss the matter with Dr. _____. 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. _____ and her staff as she may designate, perform a CBCT scan.

Signature of Patient, or Legal Guardian _____

Date ___/___/___

Witness to Signature _____

Date ___/___/___



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i-CAT® CBCT INFORMED CONSENT

As of 2.26.10

About i-CAT® CBCT Cone Beam Scans

The office of Dr. Rebecca Falsafi now offers an exciting new technology for our patients and for patients of other doctors who might be referred here. This technology is i-CAT® Cone Beam Computer Assembled Tomography (CBCT) imaging, sometimes called 3-D radiographs or x-rays. Using CBCT means that we now have the ability to take 3-D images of the teeth, jaws, bones and facial structures at lower costs and with less energy than a typical CT scan used in hospitals. 3-D imaging provides improved diagnosis for our patients, especially in cases of impacted teeth, dental implants, surgical treatment, and even more complex cases.

Understandably, you may have questions about exposure to these types of x-rays. Here are some facts you should know about 3-D imaging. **The 8.5 second i-CAT® CBCT exposure is:**

- *About ½ as much as a full series of orthodontic digital images*
- *About 1/5 as much as a full mouth series of standard dental x-rays (28 films)*
- *About 1/70 as much as a typical medical CT scan*

CBCT offers our patients enhanced diagnostic value at significantly reduced exposure. Simultaneously, CBCT scans can image the entire head and most of the neck. As dentists and orthodontists, we evaluate teeth, jaws and the surrounding bone using CBCT's for those limited purposes. Our training and dental license does not provide for evaluation and diagnosis outside those areas. **Since CBCT imaging can cover a broader area, we want to offer you the opportunity to have your CBCT scan read by an oral radiologist who is trained and licensed to evaluate and diagnose a broader area. A CBCT may show evidence of disease of the cervical spine, skull or arteries. We can refer you to a radiology group for this purpose.** The cost is \$125.00. If you are interested in taking advantage of this service, please initial the applicable section and sign the acknowledgement below.

() Yes, I want to have my i-CAT® CBCT scans read by an oral radiologist. I understand that I am responsible for this additional cost.

() No. I understand the risks and benefits of having my CBCT read and interpreted by an oral radiologist. However, I am knowingly declining such a referral.

 Print Patient Name

 Signature of Responsible Party

 Date