



IRA ROTHSTEIN, D.M.D., M.S.

Smiles by Dr. R. offers iCat® CBCT (Cone Beam Computer Assembled Tomography) imaging for our patients and referred patients from other doctors. This technology is sometimes referred to as 3D radiographs or x-rays. Using CBCT means we have the ability to take 3D images of teeth, jaws, bones and facial structures at lower costs and with significantly less energy than a typical CT Scan used in hospitals. This type of imaging provides us the opportunity of improved diagnosis for our patients, especially in cases of impacted teeth, dental implants, surgical treatment, as well as more complex cases. Understandably, you may have questions about exposure to those types of x-rays. Here are some facts you should know about our 3D imaging:

iCat® CBCT EXPOSURE FACTS (@8.9 SECONDS)

- **1/2** as much as a full series of digital dental images*
 - **1/5** as much as a full (28) mouth series of standard dental x-rays*
 - **1/70** as much as a typical medical CT scan*
- * values are approximate

CBCT offers our patients enhanced diagnostic value at a 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 surrounding supporting bone using CBCTs for those limited purposes. Our training and dental license does not provide for evaluating and diagnosing outside those areas. However, 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, trained and licensed to evaluate and diagnose a broader area. CBCT may show evidence of disease of the cervical spine, skull or arteries. We can refer you to a radiology group for this purpose.

Patient Name

Patient ID#

Orthodontic Evaluation

Date of Scan

Signature of Responsible Party

Date