



Improving Orthodontic Diagnosis and Treatment

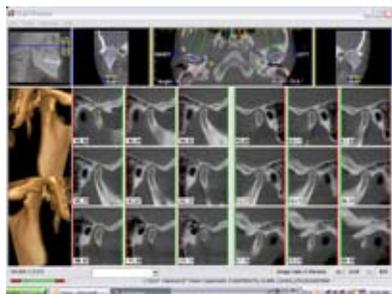
i-CAT® offers Extended Field of View

The Next Generation i-CAT® Cone Beam 3-D Dental Imaging System provides orthodontists with enhanced features for treatment, diagnosis, and surgical predictability. The i-CAT® offers an extended field of view and captures anatomically accurate and detailed cephalometric 3-D images of the entire skull—up to 17 cm in height and 23 cm in diameter. An amorphous silicon flat-panel sensor can be adjusted to capture data in two views—portrait and landscape—with the



flexibility to collimate for a range of volumes. The standard i-CAT® scan takes only 8.9 seconds, and reconstruction takes less than 30 seconds, with manageable file sizes for file - and case-sharing.

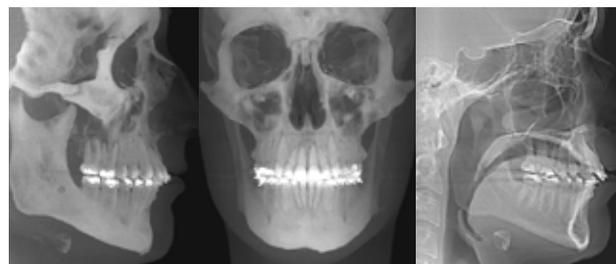
The extended field of view option was specifically designed for orthodontic imaging and is ideal for cephalometric reconstruction. In just one i-CAT® scan, you can create a complete orthodontic workup, including cephalometrics, SMV, supernumerary, airway and spinal views, panoramic, TM joints, and impactions. The i-CAT® allows you to easily locate impacted canines and supernumeraries and check for root resorption. It provides distortion-free 3-D views of critical anatomy surrounding the condyles and the tools to accurately measure and determine the proper course of treatment.



First Cone Beam System to Receive Certification for Compatibility with SureSmile® Technology

The i-CAT® is the only cone beam 3-D unit certified for seamless integration with SureSmile® technology, which transforms cone beam scans of the mouth and teeth into 3-D computer models for orthodontic treatment planning and treatment.

Orthodontists can now take an i-CAT® scan of the patient's mouth, face, and jaw, and use this data in the SureSmile® system for unprecedented control of treatment through virtual diagnostic simulations, instant quality-grading tools, prescriptive planning capabilities, and robotic archwire customization. The i-CAT® dramatically reduces treatment planning time, provides more accurate treatment, and ensures more predictable outcomes for all orthodontic procedures and oral surgeries.



For more information on the i-CAT®, please visit www.i-CAT.com.

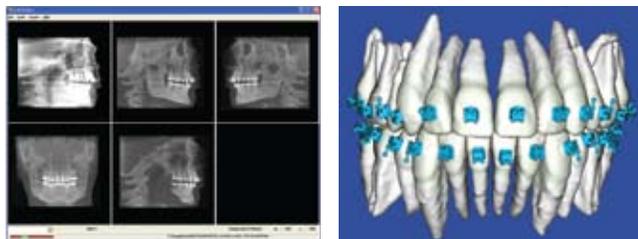


i-CAT® and SureSmile® Two Powerhouses Join Their Technologies

For diagnosis, treatment and a myriad of other applications, such as implants, surgery, and orthodontics, Cone Beam 3-D radiography benefits a variety of specialties. Because of the ability to rotate and slice the clear, detailed images, Cone Beam offers a view of the patient's anatomy that cannot be achieved with conventional 2-D x-rays. Besides enhancing treatment results, 3-D technology allows dentists to integrate scan data with other high-tech applications, such as SureSmile®.

SureSmile® blends 3-D imaging of the patient's anatomy (radiographic or camera) together with CAD technology to create a 3-D model that displays on the computer screen. With this information, a robotically-bent prescription wire of memory alloy is fabricated and placed that better controls tooth movement and significantly decreases treatment time.

Using i-CAT® scans for SureSmile® application increases efficiency. Plus, dentists can use the comprehensive information obtained from an i-CAT® scan for more precise diagnostic evaluation since the scan allows for a complete view of the pathology, and a closer look at the variations between the teeth, occlusion, and joints. The diagnostics and high-tech applications of Cone Beam 3-D imaging give doctors with this technology a distinct advantage.



Easily send i-CAT® scan to SureSmile® software

Clinical images courtesy of Edward Y. Lin, DDS, MS, facilitated by Angela Berna, Orthodontic Specialists Green Bay.

"Fabricating a SureSmile® wire off of our i-CAT® scan increases our productivity and predictability. Using our 20-second radiographic scan with SureSmile® saves an average of 30 minutes per patient, the time it takes to scan with a 3-D camera. Plus, we use the data of the roots, not just the crowns of the teeth, to achieve better setups."



Ed Y. Lin, DDS, MS
Green Bay, WS



Virtually plan tooth movement for robotically created wires

Don't miss Dr. Lin as he shares more information on CBCT 3-D imaging:

<i>Profiting From Cone Beam Radiography in 3-D – The Gift That Keeps Giving and Maintaining Your 3-D Momentum</i>	Orthodontic Products	February 2009
<i>Blended Technology, Better Results</i>	Dentalcompare.com Learning Center	Currently Posted
<i>Consider the 'Extras' of Cone Beam 3-D Radiography</i>	Dental Products Report	March 2009
	Ortho Tribune	April 2009

Dr. Lin is a featured speaker at the 3rd International Congress on 3-D Dental Imaging held in Chicago in June 2009.

www.i-CAT3D.com