

**NORTHWEST
Radiography, P.S.**
nwrtd.com

iCAT scans are available at the following locations:

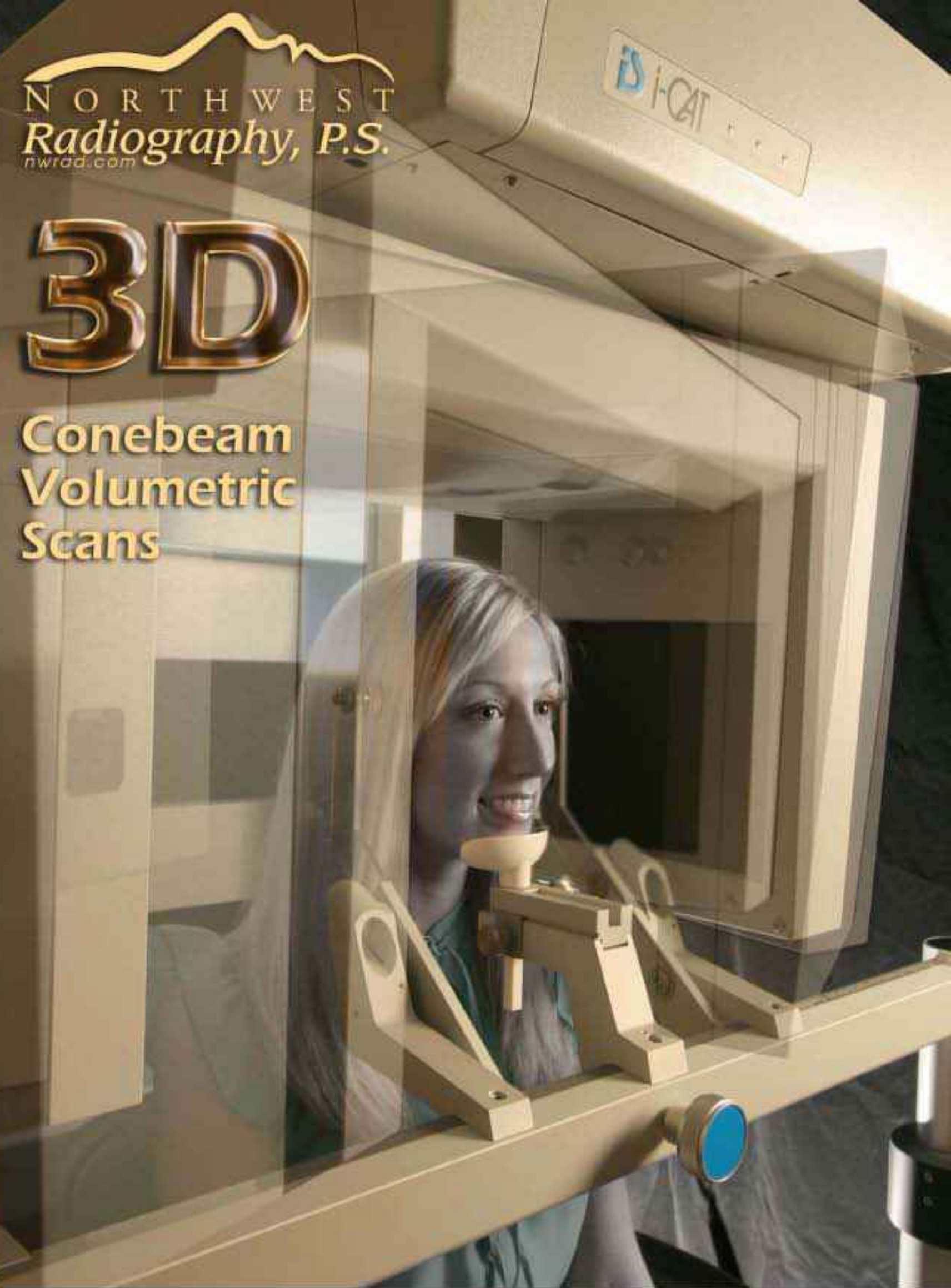
Bellevue Professional Park
1515 116th Ave NE Suite 108
Bellevue, WA 98004
(425) 453-3440

Meridian Medical/Dental Pavillion
11011 Meridian Ave N Suite 311
Seattle, WA 98133
(206) 523-4347

To order prescriptions and/or schedule a personalized demonstration for your practice, call the NWR Business Office: (425) 369-9230



Call for appointments - available within 24 hours:
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1515 116th Ave NE Suite 108
Bellevue, WA 98004
(425) 453-3440
Meridian Medical/Dental Pavillion
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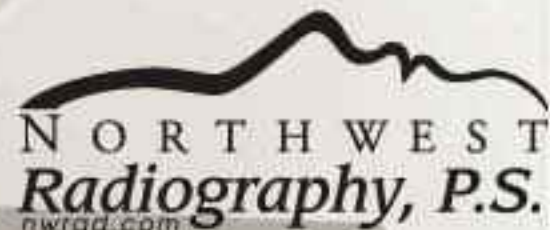
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3D

**Conebeam
Volumetric
Scans**

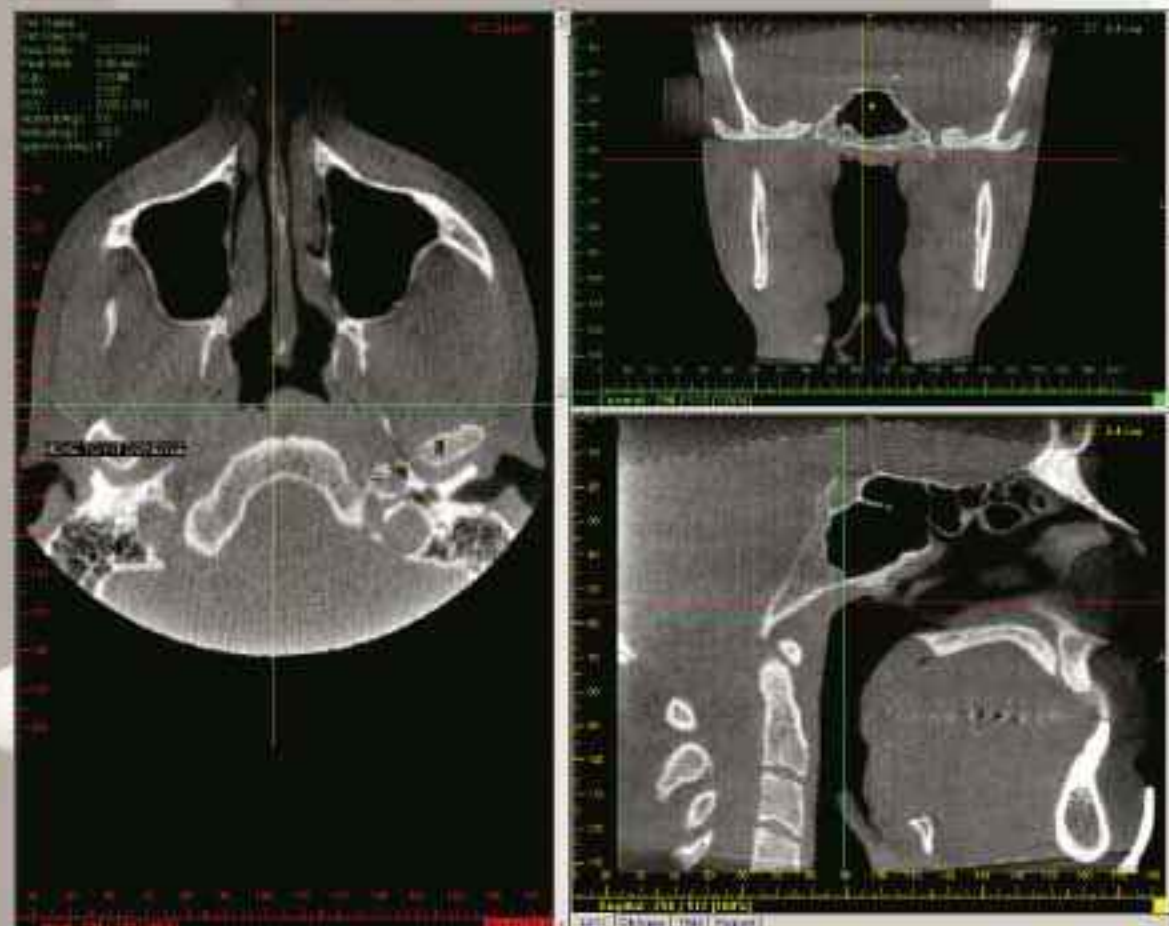
3D Volumetric Conebeam Scans

Enhancing The Way You See Patients



Improve diagnosis and treatment planning

- 3D Volumetric Scans create multipolar views which illustrate tooth relationships and critical anatomical information in remarkable detail.
- Accurately identify tooth position and bone morphology in 0.2mm voxel size.
- Assess bone quality and use measurement tools with accuracy.
- Manipulate the software to screen the entire data set- not only a single area of interest.
- Render three dimensional models which can be rotated in-space for greater understanding.
- Assign colors to respective densities to further illustrate each view.
- DISCOVER treatment planning elements which may change your diagnostic process forever!



Navigate easily through three planes of reconstruction - axial, coronal and sagittal views.

Indications

- Implant site evaluation
- Tooth localization
- TMJ assessment - see molar relationships and condylar position in one exposure
- Airway analysis
- Root canal visualization
- Orthodontic / cephalometric workups
- Oral surgery site preparation
- Surgical guides

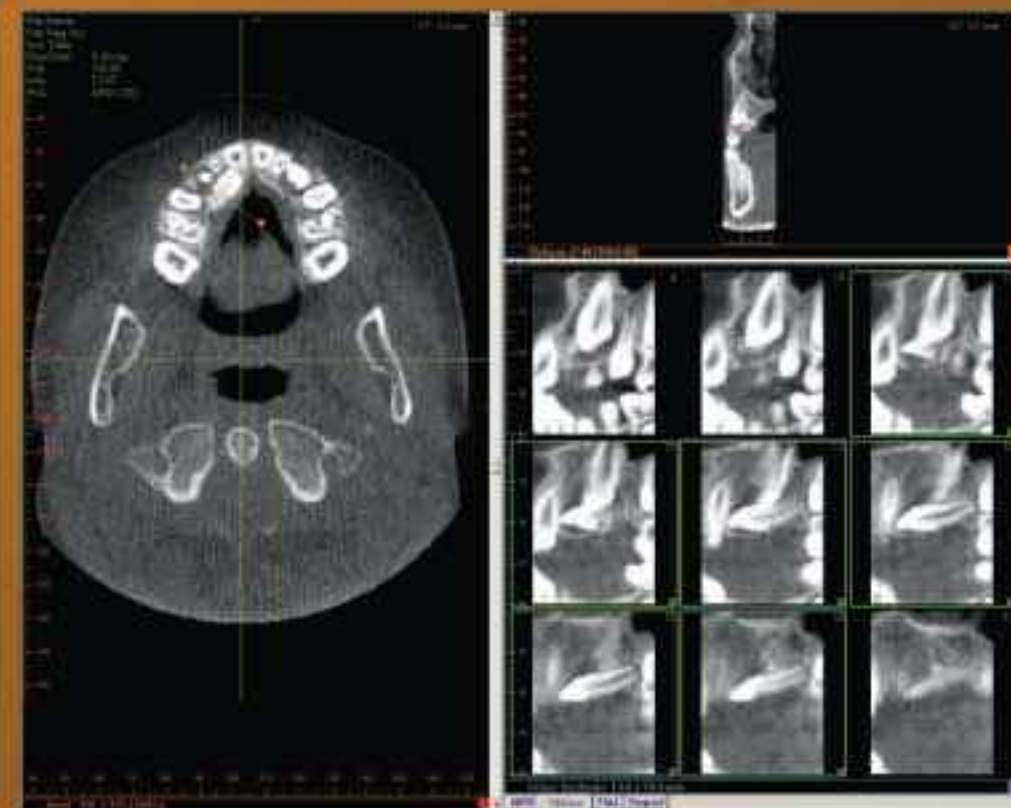
Important Advantages:

- Typical scan time of 20 seconds
- Exposure less than 1 1/2 panoramic films
- 17cm field of view
- Dimensional views to 0.2mm voxel size
- Scroll through anatomy in real-time
- 90% less exposure than medical CT
- DICOM 3 compatible data for export into 3rd party software
- Integrated 3D model reconstruction
- 12bit grayscale image quality
- Patient appointments less than 10 minutes
- Comprehensive interpretation reports

Visualizing an impacted cuspid...

Scan results available:

- Reconstruction files burned to CD, in iCAT format or DICOM3 for import into third party software.
- User software available with each case.
- Image workups of the region of interest printed on high quality, dye sublimation process printers.
- Output to film on request
- Reconstruction analysis time available on NWR workstations, with or without technician, or in your office via laptop.



Render the image in 3D.



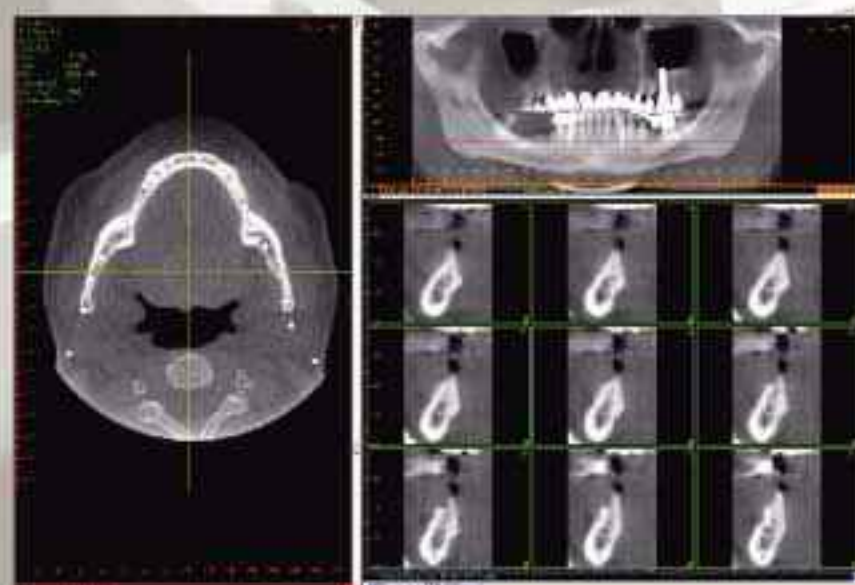
Narrow the field of view to the region of interest...



Rotate the image to view the impacted cuspid from a variety of angles.



Three dimensional views of critical structures for complete TMJ analysis.



Implant site evaluation.