

CBCT Rx

Patient _____

Date _____

Dx Code:

Reason for Scan:

1. LargeField of View

15cm tall field of view or greater

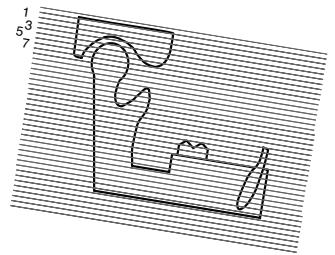
At 12cm tall you will miss some joints. 15cm and up is better

Note: 17cm x12 cm is 12 cm tall. The smaller # is the height, and is listed last

2. Scan Area

Scan Area to include 1cm above condylar head,

1 cm behind condylar head and 1 cm below chin.



3. KVP and AMP

Use highest KVP and Amperage the machine allows to get best contrast.

4. Voxel Size

Lesser scan time minimizes movement artifact. 0.3 voxel will give a better image than 0.1 voxel

5. No Metal-

No hair ties/clips, facial piercings, partials, glasses, etc.

6. Natural Neck Posture

Side view: Neck in natural postural alignment, and Frankfurt horizontal plane parallel to the floor. Avoid reaching for chin-rest with head forward posture.

Align head frontal view: Laser aligner down middle of face, can see both ears equally

7. Hold Still, Back teeth together

Goal: Patient to hold very, very still for 20 seconds while scan is being taken

Sitting is more stable than standing. A hard chair works well.

Practice swallowing, back teeth touching, tongue lightly resting back of front teeth.

Practice lightly breathing.

Give patient a 7 second warning before you take the scan so they can swallow, get back teeth touching, and have tongue lightly resting back of front teeth.

8. Take Scan

Ten seconds before scan have patient swallowing, back teeth touching, tongue lightly resting back of front teeth, lightly breathing.

9. Burn Raw DICOM

Burn as Raw Dicom files, not locked into a viewer program