STEP 1

On a dry, hard-relined, well-fitting denture, place 6-8 x-ray markers:

- Place 3 markers on the facial/ buccal surface and an additional 3 markers on the palatal surface
- Place the markers on varying axial planes

Please do not place markers on the intaglio surface.

STEP 2

Pre-Scan Patient Instructions
- Confirm fit by asking the patient: "Is the denture fitting correctly?"
- Use a bite registration for separation, secure fit, and to eliminate rocking.
- Breathe through your nose, close your eyes and place tongue at the back of the mouth.

STEP 3

First Scan: Capture CBCT of ONLY the maxilla denture with the x-ray markers.

- Position the appliance on a foam block.
- Orientate teeth occlusal DOWN.
- CBCT General Settings: Maxl 6cm, 20 Sec. scan duration, 0.4 Voxel

STEP 4

Second Scan: Capture CBCT of ONLY the mandible denture with x-ray markers.

- Position the appliance on a foam block.
- Orientate teeth occlusal UP.
- CBCT General Settings: Mand 6cm, 20 Sec. scan duration, 0.4 Voxel

STEP 5

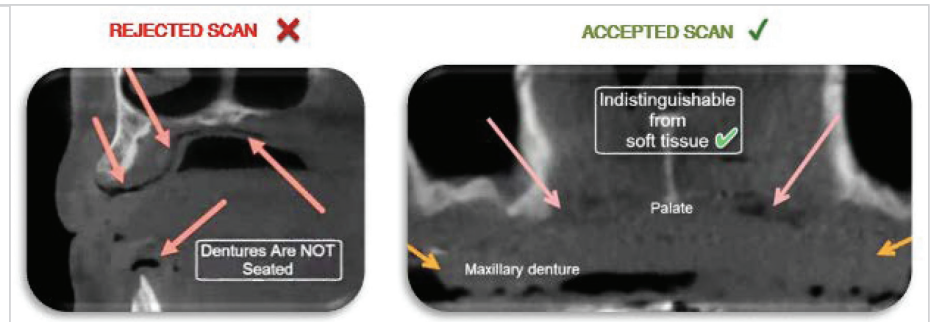Third Scan: Capture CBCT of the patient WEARING maxilla AND mandible denture with x-ray markers.

Vital anatomy to be captured:
- Sinus (Below Orbit)
- Both the left and right TMJ
- Chin and entire mandible
- CBCT General Settings: Full 13cm, 20 Sec. scan duration, 0.4 Voxel

STEP 6

When scanning a patient following Dual Scan Protocol:

- Review the scan carefully to ensure there is no "Black Air Space" between the denture and soft tissue of the patient

REJECTED SCAN ✗ — Dentures Are NOT Seated

ACCEPTED SCAN ✓ — Indistinguishable from soft tissue ✓ — Palate — Maxillary denture

STEP 7

Export and Upload

- Export all three scans individually, in a multi-file DICOM format to the desktop. Zip / compress the individual folders (CBCT #1, CBCT #2, and CBCT #3)
- Upload the three zipped / compressed folders to your Implant Concierge case!

More information on exporting DICOM files from your specific CBCT machine can be found at: www.implantconcierge.com/support