

CT Guided Model Based Scanning Protocols

1. Begin with a freshly relined denture or a new denture
2. Using a 1mm round drill, drill six (6) craters of 1mm in diameter (no more than 1.2 mm in depth on the tongue surface) equally spaced in the palate of the upper or the lingual of the lower. Compress a sphere of Gutta Percha into each of the six craters.
3. Remove any excess of Gutta Percha from the surrounding surface of the crater and cover with a thin layer of light cure acrylic.
4. Scan the patient wearing the CD* at .2 voxel for 20 seconds
5. Scan the denture alone on a Styrofoam box at .3 voxel for 10 seconds
6. On the computer, set up two different folders; one marked "Patient Scan" and the other marked "CD Scan"
7. Export (burn) the two folders containing the DICOM 3 data onto a computer disc

The following will be sent to nSequence

- Computer disc of the scans
- Any opposing model, if any
- Check bite
- Completed lab slip with treatment plan

*Complete Denture

Send to:

5420 Kietzke Lane, #205
Reno, NV 89511
Phone: 775-827-6645
Fax: 775-827-6650

1. Begin with upper and lower full arch VPS impressions
2. Bite registration of the patient
3. Using nSequence's Radiograph Registration Device* (referred to as "RRD"), reline with Clear Peppermint bite material on the occlusal surfaces in the mouth
4. Scan the patient wearing the RRD at .2 voxel -20 second protocol**
5. On the computer, set up a new folder using the patient's name (Pt. Name Scan Data.)
6. Export (burn) the DICOM 3 patient folder to a computer disc

The following will be sent to nSequence

- Computer disc of the scan data
- Models
- Impression trays
- Bite registration
- RRD
- Completed lab slip with treatment plan

*Radiographic Registration Device

**If using i-CAT Classic, use .2 voxel-40 second scan

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