

CT Scan Protocol
Duplicate of Denture

Dear Doctor / X-Ray Lab Technician:

The following details are required with completing the CT scan for the Nobel Clinician software. If you have any questions about the information listed, please contact Ryan Haupt at 714-529-9792 prior to completing the scan(s).

1. The CT device should be set to scan at a minimum of 10 seconds at .4 voxel slices for both the patient scan and appliance by itself scan.
2. The denture will need radiographic markers. Place 6-8 markers around the denture on both the buccal and lingual flanges. (not on occlusals of teeth)
3. First scan the patient with the denture appliance intraorally. The denture can be in full intercuspation with the opposing denture or teeth.
4. In addition to the scan of the patient with the denture/guide appliance, we need another scan of the denture by itself. *This scan should be done on a foam pad **without** the bite registration. Be sure to set the scan to start below the appliance to capture the complete detail. Scanning the appliance requires a different setting for most CT scanners. Please check with your CT device instructions for this setting.*
5. **NOTE: IF the patient has upper and lower dentures - you will need to take a separate scan of BOTH dentures by themselves.**
6. Provide the dicom data sets for both the patient and appliance (2 sets of dicom data) on a CDROM. If a dual arch case, there will be 3 sets of dicom data.

Please mail a copy of the CDROM to the doctor and Haupt Dental Lab

You may also send the DICOM data to ryan using a large format mail service (google drive, dropbox, etc.) - Do not send through "regular" email as the files will be too large.

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