

IMAGING DUAL SCAN PROTOCOL



ITEMS NEEDED

- Patient
- Patient Denture or Removable Appliance
- SureMark Markers
- FutarBite Registration, Radiation Approved (Recommended for Edentulous)
- Chairside Hard Reline – Recommended to ensure snug fit against the soft tissue (MUST be a non-metallic substance that is radiation approved such as Tokuyama Rebase II)



PREPARATION

- Check fit of appliance
- Hard reline as necessary
- Dry the appliance so th markers will adhere properly. We need to be sure that the markers do not move
- Mark the appliance with six markers for a partial or full arch appliance
- Cut the markers if necessary so that they fit on the appliance
- Place markers randomly on the appliance (Mesial, Distal, Superior, Inferior, Buccal, Lingual)
 - * Be sure the markers are NOT on the intaglio (soft tissue) surface



PREPARATION

- Scan the appliance first
 - * Position the appliance in the scanner as if it is in the patient's mouth (place onto a foam or styrofoam block)
 - * Scan the appliance with the same settings that you use for a patient scan
- Be sure that all markers are clearly visible in the scan of the appliance
- Prepare a bite registration if the patient is wearing a full arch appliance to ensure the appliance is seated
- Scan the patient
 - * Use normal implant planning protocols and the largest FOV
 - * Ask the patient to bite firm on the bite registration to blanch the gingiva
- Be sure all the markers are visible in the patient scan and that the appliance is seated properly

