

# Dual Scan Technique

CBCT Scanning Technique to Capture all required data to fabricate a guided surgical stent from a CBCT WITHOUT needing a radiographic guide or casts. This technique should not be performed if the tooth position and arch form are going to be changed as we do not want to plan the implants on the old occlusal scheme.

## STEP ONE:

Order suremark self stick radiographic markers either from the company or call us at the lab as we inventory them 781-828-2808

## STEP TWO:

Make sure denture fits very well as this will translate into the fit of the surgical guide

## STEP THREE:

If the denture does not fit perfect, take a wash with light body PVS in the denture with no adhesive



## STEP FOUR:

Dry denture and place 3 markers on the buccal flange on different planes and 3 markers on the lingual or palatal for a total of 6 markers



## STEP FIVE:

2 CBCT scans will be conducted prior to removing the wash from the denture base or removing the scanning markers

**Scan 1:** CBCT of the patient with the denture in the mouth biting into occlusion so it is seated properly

**Scan 2:** CBCT of the denture only with the markers and the wash still in place

Please visit this link to view a video on how to set up a CBCT without a patient.  
<https://youtu.be/SwKmQ6dr1vg>

## STEP SIX:

Upload both CBCT scans through our website  
<https://dickmandental.com/send-a-case/upload-files/>

### Common Mistakes

1. Poor fitting denture and either a reline or wash in the denture was not performed at the time of the scan resulting in a poor fitting surgical guide
2. Markers were removed before both scans were performed
3. Markers were not placed on the denture for the scan in the mouth but only for the denture scan