

Dual Scan Technique

CBCT Scanning Technique to Capture all required data to fabricate a guided surgical guide from a CBCT WITHOUT needing a radiographic guide or casts.
Do NOT perform this technique 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 1

Order [Suremark self stick radiographic markers](#).

STEP 2

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

STEP 3

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



STEP 4

Dry denture and place 3-4 markers on the denture.



STEP 5

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

*** If you do not have the mount option on your CBCT, use your intraoral scanner and scan the denture (occlusal and intaglio)

[Click here to watch an example using Primescan.](#)

STEP SIX:

Upload both CBCT scans through our website [at www.sgtguides.com](http://www.sgtguides.com)

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.