

# 3shape Design Service

Fully Edentulous patients require the Dual Scan Protocol CBCT scans.

There are two scans needed for this protocol. This first scan will be the individual denture appliance by itself, with the radiopaque markers. It is recommended to scan the denture on a polystyrene surface.

The second scan will be of the patient wearing the denture with the radiopaque markers in the exact same position, biting down on cotton rolls with moderate pressure to ensure they are fully seated. Make sure the dentures are correctly placed and that the patient is biting down where they can bite without moving the denture. Using the cotton rolls will allow the jaws to be slightly open during the scan.

We suggest 4-5 radiopaque markers, ideally with spheres of 2mm-4mm in diameter.

The Radiopaque markers should be evenly distributed across the denture on the buccal and lingual, but not placed closer than 4mm to each other and not in a straight line.

\*Please do not place markers on the intaglio surface\*

