

1. Records appointment

- 4 photos (front natural smile, no smile, exaggerated smile, side profile)
- Intraoral scan, both arches and bite, include the palate, buccal tissue, retro molar pads, up to maxillary tuberosity
- Email files to lab or transfer via USB memory stick

2. Surgical appointment

- Have printed “back up” denture ready from lab
- Place Tad screws, then take a IOS including palate, retro molar pads, up to maxillary tuberosity
Screws are in place prior to surgery and stay in place until last IOS
- Perform surgery without removing TAD screws. Place implants and MUAs.
- Place ICamBodies on MUA with the corner of the scan body towards the facial (allowing ICam4D scanner to see two sides of the scan body)
- Perform ICam4D scan with the dominoes and save files to the laptop
- IOS using the reference markers provided with the Icam4D or healing caps
 - If lower IOS is not capturing, take alginate impression, pour a stone model and scan the stone model, or scan the alginate impression.

3. Sending Files to Lab

- Email IOS & ICam4D scan to designer/lab using wetransfer.com, USB memory stick, or Dropbox.
- Lab will merge the files to the design software and then email back a finished design file
- Download it on a laptop connected to the printer and print, or use a USB stick and take it to the printer and print.

4. Print Complete

- Remove supports, clean with alcohol &?
- Stain and glaze using Optiglaze by GC and place restoration on patient.

5. 4-6 month post op

- IOS palate included and bite with the provisional dentures in place
- If patient is happy with their bridge remove them take an intro oral scan with the reference markers. Then take a scan with the ICam4D with the dominoes in place.
- Send to lab for milling in zirconia
- If the patient isn't happy with their current bridge make a lab slip of all the changes they want made and have it milled in PMMA/printed resin
- Patient will come in a week later to have the new denture placed. If they are perfectly happy at that point it can be sent to be milled in zirconia.
- If changes are made to the bite or height of the teeth take another intraoral scan and send that to the lab to be Milled in zirconia

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