

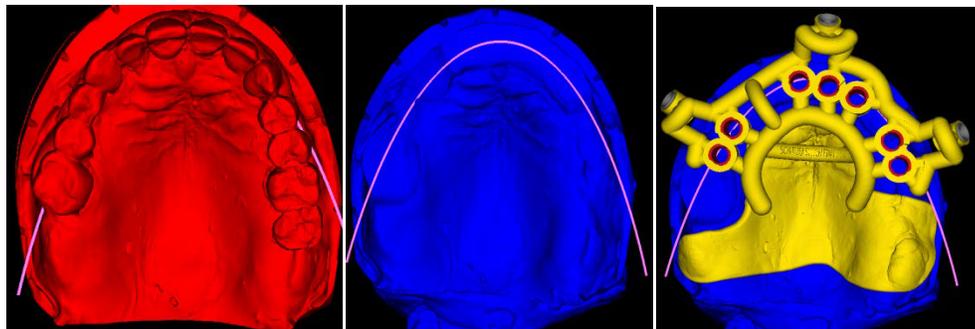
MGUIDE Tips and Tricks: Immediate Extraction Cases

CT scan:

- 1) Ensure that you are using a CT scanner that does not stitch the image (a stitched image is one with more than one image combined to form a whole)
- 2) The thickness of each CT slice should not exceed 0.2 mm for mandibular cases and 0.3 mm for maxillary cases
- 3) Ensure that the patient keeps an open bite (there should be no contact between upper and lower teeth)
- 4) The patient's tongue must not rest on the gums of the arch being scanned
 - Maxillary Cases: Tongue must rest on the floor of the mouth
 - Mandibular Cases: Tongue must rest up and back against the posterior vibrating line of the mouth
- 5) Make sure the entire arch is visible, including the incisal edges of all teeth on that arch
 - Maxillary Cases: The scan must show the entire arch and at least 50% of the sinuses
 - Mandibular Cases: The scan must show the entire arch and the mandibular nerve
- 6) Remove any type of partial denture (flipper) if the patient is wearing one
- 7) If there are edentulous areas prior to surgery, place cotton rolls in the vestibule of the mouth during scanning

Impressions:

- 1) Do **not** use Alginate impression material
- 2) Vinyl Polysiloxane or similar materials are recommended
- 3) **Use a custom tray** to take the impressions and make sure the gums are captured accurately. The surgical guide will depend heavily on mucosal support for stability as shown in the below figures
- 4) Do not pour the impressions, send them to the MCENTER and they will be poured there.
- 5) Digital impressions are accepted. Call the **MCENTER** for details 844-220-3458



Picture on the left (Red) shows the patient's arch before any extractions. Middle figure shows the patient's arch after extractions. Picture on the right shows the surgical guide (yellow) resting on the patient's gums after extractions.