

MIS MGUIDE – Impression Taking

When beginning any MGUIDE case, impressions must be taken. There are 3 types of cases you can encounter and 3 different ways to take the proper impressions. Use Vinyl Polysiloxane impression material or similar for each type of case. Do NOT use alginate material.

1. Partially edentulous case - some missing teeth, but not the most posterior teeth. Implants will be placed in between existing teeth. Use a regular full arch impression tray.
2. Only anterior teeth present – bilateral edentulous areas posterior to the abutments – Class I by Kennedy Classification. Stent will have to use tissue support on palatal or ridge area. In that case the dentist must take impression with a **custom tray**.
3. Fully Edentulous case* - Stent will fixate to jaw using fixation pins, or template anchoring screws for fixation. Duplicate the current denture and use it as a custom tray to take a precise impression for MGUIDE.

*Impression Taking Protocol for Edentulous Cases:

1. Duplicate the current denture using a LANG denture duplicator or similar tools. See this link on how to duplicate a denture:

<http://www.youtube.com/watch?v=sTJRqhhdg3U>

Take an impression of the patient's mouth using the replica of the denture, making sure that the impression is taken using Vinyl Polysiloxane impression material or similar. (Impregum, Aquiasil, etc.)

2. Doctor should take a CBCT scan with a minimum Field of View (FOV) of 8x12. See protocol on MCENTER website: www.mcenterusa.com.
3. During the scan, the patient's tongue should be in a low and posterior position. The patient's mouth should be open. Cotton rolls or similar material should be placed to separate cheeks from the alveolar ridge. This is done so that the ridge can clearly be seen in contrast to the hollow mouth space.