All Apex restorations are PROUDLY MADE IN THE USA with FDA compliant materials.

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Apex Dental Laboratory Group

PATIENT RECORD CHECKLIST

- [ ] **Tooth-supported guide** (ex: most crown & bridge cases)
  - [ ] - Models (up/low) / Intra Oral Scan (STL files)
  - [ ] - CBCT (DICOM files)
- [ ] **Tissue-supported guide** (ex: overdenture cases)
  - [ ] - Dual Scan: (DICOM of patient with denture) & (DICOM of just denture)
- [ ] **Bone-supported guide** (ex: some overdenture cases and some ALL-on-X cases)
  - [ ] - CBCT (DICOM files)
- [ ] **Complete prosthetic delivery guide** (ex: ALL-on-X cases with immediate load)
  - [ ] - Pt's smile photos
  - [ ] - CBCT (dual scan if patient is edentulous)
  - [ ] - Models / Intra Oral Scan (STL files)
  - [ ] - Bite verification

CBCT: When taking CBCT, capture full Maxillary and Maxilla anatomy. This way we can properly merge the intra oral scan STL files. Note: Make sure the scan is not cut off, and that there is no movement in the scan before sending the patient home.

EXPORTING DICOM: It is important that you must export in the correct format to provide a DICOM for CT Planning. Export into a folder on the desktop, right-click and click "send to compressed zipped folder". Note: If you are having trouble exporting in DICOM format, please reach out to your rep or, find instructions on YouTube as each system has a different way of exporting.

Duel Scan Protocol:

Step 1: make sure patient's dentures are not reinforced by any metal substructure

Step 2: check if an existing denture is fitting well. If there is a space between intaglio surface and soft tissue perform hard reline or use radiopaque impression material to simulate relined intaglio surface

Step 3: place radiopaque markers on the denture flange, approximately 5mm from the gingival margin represented in pink acrylic (4 to 6 markers is usually enough).

Step 4: position the denture on a foam block or any radiolucent platform in the CBCT system (teeth should always be oriented upward)

Step 5: confirm the entire surface of the denture was captured in the scan

Step 6: prior to scanning the patient make sure radiopaque markers positions remain the same

Step 7: Finally, perform a second scan of the patient wearing the denture in full occlusion.

Note: If denture teeth are separated during the second scan, we cannot guarantee precision of guided drill trajectory