

NDX Digital Dentures

Guide for Successful Scanning

Copy or Reference Denture Scanning Workflow

A Copy Denture is an exact copy of an existing denture. The tooth shade may be altered.

A Reference Denture is an existing denture that can be used as a custom tray for constructing a new prosthesis.

1. Clinically evaluate the patient and the existing prosthesis.
 - a. For Copy Dentures only:
 - The prosthesis should be intact with normal occlusal wear (not broken, chipped or missing teeth and stable/free from excessive rocking)
 - Borders should be well extended (>5mm)
 - The mandibular prosthesis should cover the retromolar pads
 - The maxillary prosthesis should cover the tuberosities
 - The midline should be acceptable

For both Copy Dentures and Reference Dentures

2. Remove any liners, adhesives and excess saliva from the prosthesis.
3. Take a border molded reline impression of the upper and lower denture (**not applicable for Copy Dentures**).
4. Take a bite between the upper and lower while the impression material is in place.
5. Stabilize and scan according to your scanner manufacturer's guidelines.
6. Clean and return the Reference Denture to the patient.
7. Send digital files to an NDX Digital Denture Lab. Visit nationaldentex.com/digital-dentures for participating labs.





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Immediate Denture Scanning Workflow

An Immediate Denture is a new prosthesis produced by scanning the patient's existing dentition before teeth are extracted.

1. Remove any excess saliva from the oral cavity.
2. Begin scanning on an occlusal surface of the existing dentition according to your scanner manufacturer's guidelines.
3. Send digital files to an NDX Digital Denture Lab. Visit nationaldentex.com/digital-dentures for participating labs.

Tips for Success

- Four-handed dentistry may be helpful during the scanning process.
- A cheek retraction device may assist in stabilizing the tissue.
- Disable artificial intelligence (A.I.) if applicable and clean up after capturing the initial segment.
- Move slowly and steadily in a continuous pattern to allow the scanner to capture the images to build the 3D scan.
- Keep the lens clean and clear of moisture and debris.
- Never modify a patient's existing denture.
- Communicate with your NDX lab and include detailed notes on the digital Rx form.

NEED MORE ASSISTANCE?

To receive complimentary training and tips for scanning from our clinically-trained IOS specialists, please contact

800.511.7147

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nationaldentex.com.