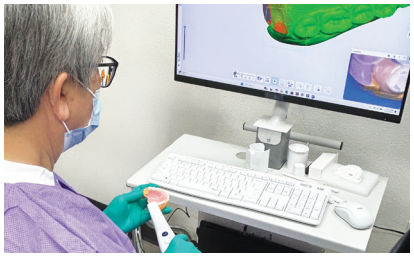
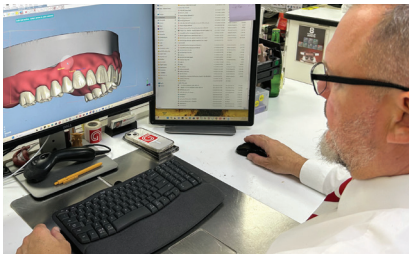
simplynatural™
DIGITAL DENTURE

CLINICAL PROTOCOLS FOR DIGITAL DENTURES

Digital dentures in as few as two appointments.



Scan and Submit



Digital Design and Fabrication

Seat and Smile

LEARN MORE OR
SEND YOUR NEXT CASE
800-726-3590
glidewell.com/dentures

Glidewell
for the sake of smiles

WHICH DENTURE DOES YOUR PATIENT NEED?

If your patient:	Simply Natural Digital Denture	Simply Natural Immediate Digital Denture	Simply Natural Reference Digital Denture	Simply Natural Duplicate Digital Denture
Needs a denture and does not have one today	X	X – if extracting same day		
Has a worn or damaged denture and is ready for a refresh			X – changes to an existing denture	
Current denture no longer fits securely			X – changes to an existing denture	
Lost their denture and doesn't have a backup	X			X – if was digitally designed previously by Glidewell
Wants superior fit and esthetics	X	X	X	X
Wants a backup of their existing denture				X
Wants the durability of a high-impact resin	X	X	X	X

OPTION 1: SIMPLY NATURAL™ DUPLICATE DIGITAL DENTURE

Exact copy of a patient's existing denture. No modifications other than a reline impression.

FIRST APPOINTMENT

1. Take an impression in the patient's current denture. If a wash is needed, complete wash before proceeding.
2. Take a 360-degree scan of all surfaces of the denture with intraoral scanner.
3. Send files to Glidewell.
4. Glidewell fabricates a duplicate digital denture based on your scans.

DELIVERY APPOINTMENT

1. Verify fit.
2. Make any necessary adjustments to periphery and occlusion.
3. Deliver denture.
4. Provide patient instructions for cleaning and care.

OPTION 2: SIMPLY NATURAL REFERENCE DIGITAL DENTURE

Modified copy of patient's existing denture as a reference. Patient has an existing denture but modifications are necessary (i.e. tooth shape, worn teeth, retention issues).

FIRST APPOINTMENT

1. Take an impression in the patient's current denture.

   NOTE: information needed will depend on the modifications desired.

Issue	Information Needed
Broken single tooth	Proceed with scanning. Indicate any desired changes on the Rx.
Dentition worn down	Re-establish vertical dimension of occlusion (bite) before proceeding with scans
Retention	Take a wash and ensure fit before proceeding with scans
Fully broken denture (e.g. denture is in multiple pieces)	Piece denture back together (glue) before proceeding with scans.

2. Take a 360-degree scan of all surfaces of the denture with intraoral scanner, including any changes made to the denture (i.e. wash, or composite added to worn teeth).
3. Scan opposing.
4. Scan bite registration at desired vertical dimension of occlusion.
5. Take a smile photo or facial scan of patient capturing any changes to the esthetic zone.
6. Indicate any desired changes on the prescription. Indicate if try-in is desired or if the case is going directly to finish.
7. Send files to Glidewell.

TRY-IN APPOINTMENT (OPTIONAL)

1. Insert the printed try-in(s). Examine the fit, midline, lip support, plane of occlusion, angle of anterior teeth and vertical dimension. Make any necessary adjustments directly on the try-in for ideal esthetics.
2. Scan the entire try-in.
3. Send scans back to Glidewell. Request any repositioning or adjustments at this step.

   NOTE: If any additional try-in is requested, repeat the try in appointment sequence above.
4. Glidewell fabricates the final full denture.

DELIVERY APPOINTMENT

1. Verify fit.
2. Make any necessary adjustments to periphery and occlusion.
3. Deliver denture.
4. Provide patient instructions for cleaning and care.

OPTION 3: SIMPLY NATURAL DIGITAL DENTURE | DUAL ARCH

Edentulous patient. No existing denture to reference.

FIRST APPOINTMENT

1. Scan the upper and lower edentulous arches.

   TIP: If you're having difficulty scanning intraorally, take a traditional impression and scan the impression. This time-saving tip eliminates tissue movement and helps to reach hard-to-scan areas such as the retro-molar pad and posterior tuberosities.
2. Complete the prescription and send the digital impressions and photographs to Glidewell.
3. Glidewell fabricates an upper try-in and lower wax rim and sends to your office.

TRY-IN APPOINTMENT

1. Insert the printed maxillary try-in and confirm proper fit of intaglio surface. If a wash is needed, complete wash before evaluating tooth position.
2. With the maxillary try-in in place, examine the midline, lip support, plane of occlusion, angle of anterior teeth, and vertical dimension. Make any necessary adjustments directly on the try-in for ideal esthetics.

   TIP: Drawing on the try-in with a sharpie or similar marker may not be captured during the scanning process. Add composite or subtract using a bur so the markings are captured as physical landmarks in the scan.
3. Insert the mandibular bite rim and check fit. If a wash is needed, complete wash before evaluating tooth position.
4. Evaluate the mandibular bite rim for correct vertical dimension and plane of occlusion. Adjust if necessary.
5. Take a 360-scan using your intraoral scanner of the maxillary printed try-in and mandibular bite rim. Ensure scans capture all desired changes (see TIP in step 2).
6. Place both maxillary printed try-in and mandibular bite rim in the mouth. Use an elastomeric material (such as Blu-Mousse®) to record bite registration. Leave in place to ensure the maxillomandibular relationship does not shift and complete bite scan.
7. Take a smile photo or facial scan of patient capturing any changes to the esthetic zone.

8. Send scans to Glidewell. Request any repositioning or adjustments at this step.

   NOTE: if an additional try-in is requested, repeat the try in appointment.

9. Glidewell fabricates the final full denture.

DELIVERY APPOINTMENT

1. Verify fit.
2. Make any necessary adjustments to periphery and occlusion.
3. Deliver denture.
4. Provide patient instructions for cleaning and care.

OPTION 4: SIMPLY NATURAL DIGITAL DENTURE | SINGLE ARCH

Edentulous patient. No existing denture to reference.

FIRST APPOINTMENT

1. Scan the edentulous arch.

   TIP: Instead of directly scanning soft tissue in the mouth, take a traditional impression and scan the impression. This time-saving tip eliminates tissue movement and helps to reach hard-to-scan areas such as the retro-molar pad and posterior tuberosities.

2. Complete the prescription and send the digital impressions and photographs to Glidewell.
3. Glidewell fabricates a bite rim and sends to your office.

TRY-IN APPOINTMENT

1. Insert the bite rim and check fit. If a wash is needed, complete wash before evaluating tooth position.
2. Adjust the bite rim for correct vertical dimension and plane of occlusion.
3. Use an elastomeric bite registration material (such as Blu-Mousse) to record bite registration.
4. Take a 360-scan using your intraoral scanner of the bite rim. Ensure scans capture all desired changes.

   TIP: Drawing on the try-in with a sharpie or similar marker may not be captured during the scanning process. Be sure to add composite or subtract using a bur so the markings are captured as physical landmarks in the scan.

5. Place both maxillary printed try-in and mandibular bite rim in the mouth. Use an elastomeric material (such as Blu-Mousse) to record bite registration. Leave in place to ensure the maxillomandibular relationship does not shift and complete bite scan.
6. Take a smile photo or facial scan of patient capturing any changes to the esthetic zone.
7. Send scans to Glidewell. Request any repositioning or adjustments at this step.

   NOTE: if an additional try-in is requested, repeat the try in appointment sequence above.

8. Glidewell fabricates the final full denture.

DELIVERY APPOINTMENT

1. Verify fit.
2. Make any necessary adjustments to periphery and occlusion.
3. Deliver denture.
4. Provide patient instructions for cleaning and care.

Blu-Mousse is a registered trademark of Parkell, Inc.