### Step-by-Step Restorative Protocol

**FIRST APPOINTMENT**
- Take preliminary impressions
- Duplicate existing prosthesis
- Select tooth shade
- **9 DAYS IN LAB TO FABRICATE**

**SECOND APPOINTMENT**
- Insert multi-unit abutments
- Seat and lute the implant verification jig
- Take final impression with custom tray
- Try in wax rim, evaluate and adjust
- Take a bite registration with wax rim
- **5 DAYS IN LAB TO FABRICATE**

**THIRD APPOINTMENT**
- Try in wax setup and verify
- Select gingival shade
- **6 DAYS IN LAB TO FABRICATE**

**FOURTH APPOINTMENT**
- Try in the provisional implant prosthesis and confirm
- Review oral hygiene instructions
- **8 DAYS IN LAB TO FABRICATE**
  (Provisionalization period: 2–4 weeks)

**DELIVERY APPOINTMENT**
- Deliver definitive BruxZir prosthesis
- Reinforce oral hygiene instructions

866-861-7955  glidewelldental.com/bip
FIRST APPOINTMENT

Preliminary Impressions and Prosthesis Duplication

Note: Open-tray impressions are recommended for greater accuracy.

Remove the patient’s healing abutments or existing prosthesis.

Seat impression copings.

Take periapical radiographs to verify complete seating.

Check the impression tray for proper fit.

Prepare holes in the tray that align with each coping.

Take a VPS impression of the edentulous arch.

Take a VPS impression of the opposing arch.

Duplicate the patient’s existing prosthesis or denture using VPS putty. *For assistance with denture duplication, contact Glidewell.*

Replace the patient’s healing abutments or existing prosthesis. Complete an Rx, identifying implant system and diameters. Take a bite registration.
☐ Select the tooth shade. List any changes to the existing denture or prosthesis on the Rx.

☐ Send the impressions, completed Rx and a smile photo of the patient wearing existing denture or prosthesis to Glidewell.

Have questions? Call 866-861-7955 or check out our how-to videos below.

![QR Code](bit.ly/perfectingopentrays) Preliminary Impression

![QR Code](bit.ly/inofficedentureduplicate) Prosthesis Duplication

SECOND APPOINTMENT

Multi-Unit Abutments, Implant Verification Jig, Abutment-Level Impressions, Wax Rim and Bite

- Remove the patient’s healing abutments or existing prosthesis.
- Seat the multi-unit abutments. Refer to case box insert for detailed instructions on how to seat multi-unit abutments.
- Seat each section of the jig onto the appropriate multi-unit abutment.

- After seating, make sure the individual sections of the jig do not touch each other.
- Lute the sections together with a flowable composite (e.g., Camouflage® NanoHybrid Composite — Glidewell Direct) or another suitable material.
- Allow the material to flow through and completely around the gaps. Ensure the material is completely cured.

- Inject VPS impression material (e.g., Capture® Impression Material — Glidewell Direct) under and around the jig to capture the ridge and all anatomical landmarks as for a full denture including full vestibular extensions.
- Using VPS material and the custom tray, take the final impression, ensuring that the guide pins emerge through the appropriate holes in the custom tray.
- Attach the wax rim directly to the multi-unit abutments with the enclosed prosthetic screws. Confirm the wax rim seats passively.
- Review checklist, making sure to complete each item. Make adjustments to the wax rim as necessary.

<table>
<thead>
<tr>
<th>Confirm Tooth Shade</th>
<th>Evaluate midline.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midline</td>
<td>Evaluate incisal edge position and lip support.</td>
</tr>
<tr>
<td>Incisal Edge Position</td>
<td>Establish the occlusal plane.</td>
</tr>
<tr>
<td>Lip Support</td>
<td>Establish vertical dimension of occlusion (VDO).</td>
</tr>
<tr>
<td>Smile Line/Occlusal Plane</td>
<td>Take a bite registration in centric relation.</td>
</tr>
<tr>
<td>Vertical Dimension of Occlusion</td>
<td>Take clinical photos of the smile.</td>
</tr>
<tr>
<td>Phonetics</td>
<td></td>
</tr>
<tr>
<td>Bite Registration</td>
<td></td>
</tr>
<tr>
<td>Clinical Smile Photo</td>
<td></td>
</tr>
</tbody>
</table>
Remove the wax rim and bite registration. If the patient is wearing a denture, leave the multi-unit abutments in place, cover them with the enclosed multi-unit abutment temporary healing caps and relieve the intaglio surface of the denture to seat over the multi-unit abutments. If the patient is wearing a fixed provisional, remove the multi-unit abutments and return them to their original positions on the master cast. Then, reinsert the prosthesis.

NOTE: Unless the patient is wearing a fixed provisional, once the multi-unit abutments are seated, do not remove them from the patient’s mouth.

Have questions? Call 866-861-7955 or check out our how-to videos below.

Utilize Implant Jig
bit.ly/utilizeimplantjig

Adjust Wax Rim
bit.ly/adjustwaxrim
THIRD APPOINTMENT

Try in the Wax Setup

bit.ly/bruxzirimplantsetup

If the patient is wearing a denture, remove the multi-unit abutment temporary healing caps. If the patient is wearing a fixed provisional, remove the prosthesis and reinsert the multi-unit abutments.

Attach the wax setup directly to the multi-unit abutments with the enclosed prosthetic screws.

Confirm that the wax setup seats passively. Take a radiograph to confirm that the cylinders are fully seated.

Review checklist, making sure to complete each item. Make adjustments to the wax setup as necessary.

- Midline
- Incisal Edge Position
- Lip Support
- Smile Line/Occlusal Plane
- Vertical Dimension of Occlusion
- Phonetics
- Clinical Smile Photo
- Bite Registration (If Needed)

- Verify the midline.
- Verify incisal edge position and lip support.
- Verify the occlusal plane.
- Verify the vertical dimension of occlusion (VDO).

RESET APPOINTMENT (If necessary)

Try in the Reset Wax Setup (if necessary)

- Try in reset wax setup according to Third Appointment instructions.
- Return the wax setup and list any adjustments on the Rx.

THIRD APPOINTMENT

Attach the wax setup directly to the multi-unit abutments with the enclosed prosthetic screws.

Confirm that the wax setup seats passively. Take a radiograph to confirm that the cylinders are fully seated.

If the patient is wearing a denture, remove the multi-unit abutment temporary healing caps. If the patient is wearing a fixed provisional, remove the prosthesis and reinsert the multi-unit abutments.

Review checklist, making sure to complete each item. Make adjustments to the wax setup as necessary.

- Midline
- Incisal Edge Position
- Lip Support
- Smile Line/Occlusal Plane
- Vertical Dimension of Occlusion
- Phonetics
- Clinical Smile Photo
- Bite Registration (If Needed)

- Verify the midline.
- Verify incisal edge position and lip support.
- Verify the occlusal plane.
- Verify the vertical dimension of occlusion (VDO).
NOTE: If the bite is incorrect, grind or remove setup teeth to achieve an accurate bite.

- Verify the patient’s bite and take a new bite registration if necessary.
- Take clinical photos of the smile.

NOTE: With approval of the wax setup, you are approving the esthetics of the final prosthesis. After approval, any alterations beyond occlusal adjustments may incur a fee and additional appointments.

- Remove the wax rim and bite registration. If the patient is wearing a denture, leave the multi-unit abutments in place, cover them with the enclosed temporary healing caps and relieve the intaglio surface of the denture to seat over the multi-unit abutments. 
- Select the gingival shade. To purchase a BruxZir Gingival Shade Guide, call Glidewell Direct at 888-303-3975 or visit glidewelldirect.com.
- Return the wax setup and list any adjustments on the Rx.

Have questions? Call 866-861-7955 or check out our how-to video below.

BruxZir Implant Setup
bit.ly/bruxzirimplantsetup
FOURTH APPOINTMENT

Delivery of the Provisional Implant Prosthesis

Note: The provisional implant prosthesis is easily modified chairside. Adjustments to the intaglio or occlusal surfaces of the provisional can be made by adding flowable composite or removing material with an acrylic bur.

☐ If the patient is wearing a denture, remove the multi-unit abutment temporary healing caps. If the patient is wearing a fixed provisional, remove the prosthesis and reinsert the multi-unit abutments.

☐ Seat the provisional implant prosthesis on the multi-unit abutments.

☐ Hand-tighten the enclosed prosthetic screws, alternating from one side to the other. Confirm that the provisional implant prosthesis seats passively.

☐ Confirm esthetics, phonetics and function.

☐ Confirm occlusion. If significant changes are needed, take a new bite registration and return the case for a wax reset.

☐ Tighten the screws to 15 Ncm. Wait approximately 5 minutes and retorque the screws.

☐ Place Teflon tape in each screw access channel.

☐ Fill screw access channels with light cure composite.

☐ Confirm occlusion and make adjustments as necessary.
Review oral hygiene instructions with patient, including the use of floss threaders and a water flosser.

Confirm gingival shade. Patient will wear the provisional implant prosthesis for 2–4 weeks.

After 2–4 weeks, if any adjustments were made, return the prosthesis and the master casts to the lab and list the adjustments on the Rx. If no adjustments were made, only the master casts must be returned.

Note: Due to the potential of a bite discrepancy caused by occlusal wear, provisional implant prostheses worn by the patient longer than four weeks must be returned and may incur a redesign fee.

If a bite splint is desired (additional fee), check the appropriate box on the Rx.

Have questions? Call 866-861-7955 or check out our how-to video below.

Provisional Test
bit.ly/pmmaprovisionaltest
Seat the BruxZir® prosthesis on the multi-unit abutments.

Hand-tighten the enclosed final prosthetic screws, alternating from one side to the other.

Retighten multi-unit abutments to manufacturer-recommended torque.

Tighten the screws to 15 Ncm. Wait approximately 5 minutes and retorque screws.

Place Teflon tape in each screw access channel.

Fill screw access channels with light cure composite to prevent bacteria build-up.

Confirm occlusion.

Make adjustments if necessary.

If adjustments were necessary, polish the affected areas. Reinforce oral hygiene instructions.

A BruxZir® Adjustment & Polishing Kit can be purchased via Glidewell Direct.
POST-DELIVERY CHECK

- Verify occlusion
- Review oral hygiene instructions
- Establish recall schedule

MAINTENANCE APPOINTMENTS

How to Maintain the Final Prosthesis

Note: Removal of the prosthesis NOT recommended. If the prosthesis is removed, prosthetic screws MUST be replaced.

- Six-month hygiene appointment
  - Perform prophylaxis under the prosthesis
- Twelve-month (annual) hygiene appointment

Have questions? Call 866-861-7955 or check out our how-to video below.