



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

Please call our customer support team with any questions

FIRST APPOINTMENT



bit.ly/PerfectingOpenTray



Preliminary Impressions and Prosthesis Duplication

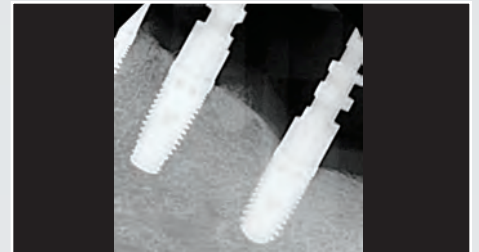
Note: Open-tray impressions are recommended for greater accuracy.



- Remove the patient's healing abutments or existing prosthesis.



- Seat impression copings.



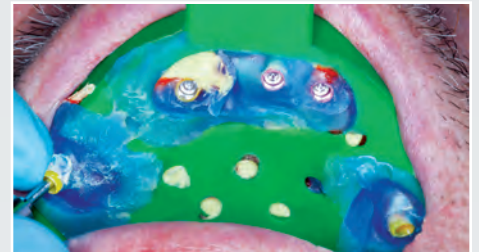
- Take periapical radiographs to verify complete seating.



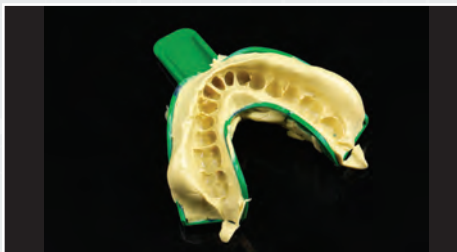
- Check the impression tray for proper fit.



- 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 the lab.



- 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 the lab.

Have questions? Check out our how-to videos below.



Preliminary Impression

bit.ly/perfectingopentray



Prosthesis Duplication

bit.ly/inofficedentureduplicate

■ 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) 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) 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.

<input type="checkbox"/>	Confirm Tooth Shade
<input type="checkbox"/>	Midline
<input type="checkbox"/>	Incisal Edge Position
<input type="checkbox"/>	Lip Support
<input type="checkbox"/>	Smile Line/Occlusal Plane
<input type="checkbox"/>	Vertical Dimension of Occlusion
<input type="checkbox"/>	Phonetics
<input type="checkbox"/>	Bite Registration
<input type="checkbox"/>	Clinical Smile Photo



- Evaluate midline.



- Evaluate incisal edge position and lip support.



- Establish the occlusal plane.



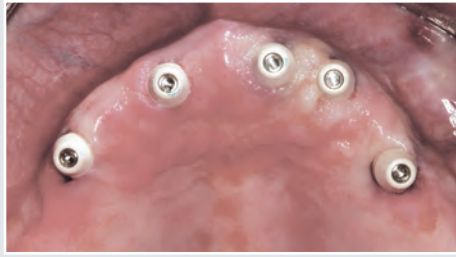
- Establish vertical dimension of occlusion (VDO).



- Take a bite registration in centric relation.



- Take clinical photos of the smile.



- 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.*

- Return the case to the lab.

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? 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



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.



- 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.

<input type="checkbox"/>	Midline
<input type="checkbox"/>	Incisal Edge Position
<input type="checkbox"/>	Lip Support
<input type="checkbox"/>	Smile Line/Occlusal Plane
<input type="checkbox"/>	Vertical Dimension of Occlusion
<input type="checkbox"/>	Phonetics
<input type="checkbox"/>	Clinical Smile Photo
<input type="checkbox"/>	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.

Return the wax setup and list any adjustments on the Rx.

If the patient is wearing a fixed provisional, remove the multi-unit abutments and return them to their original positions on the master cast.

Have questions? Check out our how-to video below.



BruxZir Implant Setup

bit.ly/bruxzirimplantsetup

■ FOURTH APPOINTMENT

Delivery of the Provisional Implant Prosthesis



bit.ly/pmmaprovisionaltest



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? Check out our how-to video below.



Provisional Test

bit.ly/pmmaprovisionaltest

DELIVERY APPOINTMENT



bit.ly/deliverbruxzirprosthesis



Delivery of the Final Prosthesis



- Retighten multi-unit abutments to manufacturer-recommended torque.



- Seat the BruxZir® prosthesis on the multi-unit abutments.



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



- 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.

Have questions? Check out our how-to video below.



Deliver BruxZir Prosthesis

bit.ly/deliverbruxzirprosthesis

■ 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