

Printed Try-In



Overview

The Printed Try-in is the prototype of the final full-arch restoration. This tooth-colored appliance (with a pink gingiva option), gives the patient a test-drive prosthesis needed to confirm the final. Doctors will receive this appliance and follow the usage instructions below. With an approved Printed Try-In, ROE will fabricate the final restoration, or by request, for an additional full fee, fabricate another Printed Try-In.

The goal of the **Printed Try-In** workflow is to go to a final restoration.

PREREQUISITES

- Doctor must have followed one of the previous workflows to get to a Printed Try-In

TECHNOLOGY & MATERIALS

- PVS impression material
- Acrylic resin (e.g. Stellar)

PHOTOGRAPHS

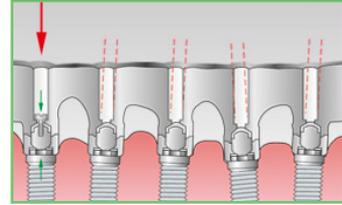
- Full-face full-smile



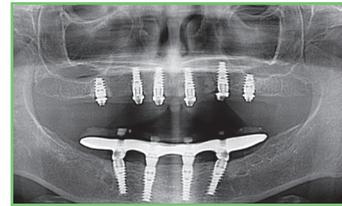
Printed Try-In Workflow

1. **One-Screw (Sheffield) Test** - Seat the Printed Try-In placing one screw in the distal most implant on one side and ensure a passive, no-rock seat.

Repeat on the other side. If there is rocking, remove a cylinder from the Printed Try-In and pick-up, or section the temp and lute, like a verification jig, until all sections are passive and there is no rock. If no rock is detected, go to next step.



2. Capture x-rays to ensure temp cylinders and abutments are engaged and fully seated.



3. Equilibrate and adjust thoroughly. Adjust until the bite and VDO are exact. Adjust for esthetic and functional satisfaction.



4. If it is a double arch patient, seat both appliances for the bite.



5. Verify that the tissue adaptation is ideal. If not, either remove the prosthesis and digitally scan the tissue, or add some tray adhesive to the intaglio of the prosthesis and take a reline impression using medium body PVS.



6. Check for proper lip support and phonetics.



7. Photograph Full-face, full-smile clearly showing what needs changed esthetically. Include opposing model.



8. Send all records to ROE Dental Laboratory.

Next, ROE will fabricate the final prosthesis and send it back to you.



Resources

WEB

Implant Solutions webpage



Full-Arch Rx



VIDEO

One Scw (Sheffield) Test



Printed Try-In Checklist

Before signing off on a Printed Try-In, it is important to conduct a thorough, quality control review to ensure doctor and patient are ready for the final restoration. Below are suggested checks to ensure that the Printed Try-In prototype is dialed-in and ready for the final. ROE uses the Printed Try-In as the definitive form and function for the final prosthesis.

Quality Review Steps	Issue Resolution
Check passivity with the one-screw-test	<p>If not passive, confirm if tissue pressure is the cause. If the tissue is the cause, then adjust the prosthesis until a full and passive fit is achieved.</p> <p>If lack of passivity is not tissue-related, ensure the MUA's are torqued, then, if needed, section the Printed Try-In, screw down, and lute the pieces together. Return the luted prototype to ROE, equilibrated with a new bite registration, and a new Printed Try-In will be fabricated.</p>
Verify the arch is fully equilibrated	Conduct a full prosthesis equilibration and capture a bi-lateral bite if needed.
Confirm tooth shade is correct	Discuss with the patient the acceptance of the provided tooth shade. If not acceptable conduct an additional tooth shade tab confirmation and add to the Rx.
Confirm patient acceptance of esthetics	Modify the prosthesis with additive composite and/or reductive adjustment as needed. Send new full-face, full-smile photographs, plus close-up smiling photographs to share any visible modifications if they require further digital changes.
Confirm tissue adaptation is acceptable (no gaps or excessive pressure)	Ensure the fit and feel on the tissue is final, as this will be difficult to change in zirconia. Adjust the pressure as deemed necessary and perform a wash impression to share voids with the lab. A new Printed Try-In is always available to test the changes.
Conduct speech complication test	See page 62 for the patient test phrases and how to mitigate identified speech complications.