

iJIG - ROE's proprietary full arch transfer service

Purpose of iJIG

iJIG allows a doctor to fabricate a prototype or new full arch restoration from an existing full arch restoration - must be on multi-unit abutments (MUA). With ROE's technology, doctors can simply capture a digital impression, upload to ROE, and receive an iJIG, sectioned, relieved, and ready for luting and pick up.

Records Required for iJIG

1. Extraoral scan of existing prosthetic with iJIG scan analogs (\$20 each).
2. Intraoral scan of opposing arch and bite registration using existing prosthesis.
3. Intraoral scan of the arch - tissue and MUAs (may need to send as second patient name).
4. Photograph of full face / full smile. If esthetic changes are needed, contact info@roedentallab.com.
5. Provide exact implant brand, system, and platform of each site.

5 Simple Steps

1. Seat Prosthesis

Ensure the prosthesis is seated on MUAs. If you are restoring Zimmer, Implant Direct, MIS, Camlog: you must use original company OEM MUA model analogs to scan.

2. Capture

- a. Capture full face, full smile photographs (close-up full smile if photographs are dark).
- b. Unscrew and remove the appliance from the mouth.
- c. Scan the arch being restored to capture the MUA heads and tissue. Send to ROE.
- d. Screw down ROE iJIG analogs to each site on the restoration, outside the mouth.
- e. Scan the arch with MUAs as a first patient scan. Scan all surfaces of the prosthesis, including the intaglio surface, and then reseal. Scan opposing arch and bite.

3. Upload

- a. Upload the case via ROE's website, or submit via your digital impression portal.
- b. Order an iJIG - provide the implant brand and size for each implant.

4. Seat iJIG

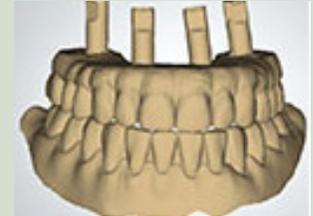
- a. Add try adhesive to the tissue side of each section. Screw down each section using the clear, suckdown transfer holder. Ensure all sections are full seated and passive - capture an X-Ray to confirm. Adjust if needed to passivity.
- b. Lute all sections with GS Pattern Resin, Quick-Up, Stellar, Duralay.
- c. Equilibrate, capture a bite, opposing cast, photos, and make marks on the iJIG where esthetic changes are to be made.
- d. Flow medium or heavy body polyvinyl impression material between the iJIG and the tissue if there are gaps that need filled. Ship to ROE.

5. Order Printed Try-In

Complete a Fixed Full Arch Work Authorization and return to ROE. Request a printed try-in. The try-in is a final prototype and is intended for clinical try-in and equilibration.

iJIG Flow

1. Digital scan (Tissue / MUA scan)



Doctor receives iJIG



2. Seat, lute, reline impression



3. Printed try-in



4. Seat final



Full face full smile photo

