Denar Slidematic Facebow Transfer Procedure

Materials
- Earbow
- Bitefork and Vertical Transfer Jig Assembly
- Reference Plane Locator
- Marker pen
- Rigid or reinforced cotton roll(s)
- Rigid bite registration material or baseplate wax
- Pre-labeled (with patient's name) ziplock bag for transfer to lab

Preparation
- Warm, attach and trim baseplate wax to top of bitefork if using this material
- Attach vertical shaft assembly to earbow from below and tighten. Loosely tighten clamps 1 and 2. Clamp 2 will be to patient's right and will be visible from the front.

Steps
1. Mark anterior reference point on patient’s face using reference plane locator and marker (43mm above incisal edge of tooth number 7)
2. Place bite registration material onto bitefork, or warm baseplate wax to 135 degrees if using this material.
3. With bitefork to patient’s right, place onto patient’s upper teeth, aligning midline; stabilize by having patient bite into cotton roll(s). Instruct patient to hold bite steady until finished. Let material harden before proceeding.
4. Loosen center wheel on earbow and loosen fingerscrews 1 and 2.
5. Slide clamp 2 onto bitefork arm and guide earbow into patient’s ears with their help. Pull earbow together and tighten center wheel.
6. Raise or lower bow so that pointer aligns with anterior reference point on patient’s face. You can also look through slot in bow to verify. Tighten clamps 1 and 2, being careful to not torque earbow.
7. Have patient stand and, looking at patient from front, verify that bow is horizontal to horizon and patient’s pupils. Adjust as necessary and retighten clamps 1 and 2 as necessary.
8. Loosen center screw on earbow, slide open and remove entire facebow assembly and bitefork from patient.
9. Detach measuring earbow from transfer jig assembly. Carefully re-tighten clamps 1 and 2, making sure to not torque or change transfer jig assembly.
10. Place bitefork with transfer jig assembly attached into pre-marked storage medium (such as ziplock bag marked with patient’s name).
11. Send bitefork / transfer jig assembly along with centric (and protrusive) intra-oral bite registration records to lab for mounting.
12. Prepare earbow with additional bitefork assembly for use with next patient. Note: only need one earbow and perhaps two or three transfer jigs.