

Step 1 - Setting up the Software and Imaging Unit

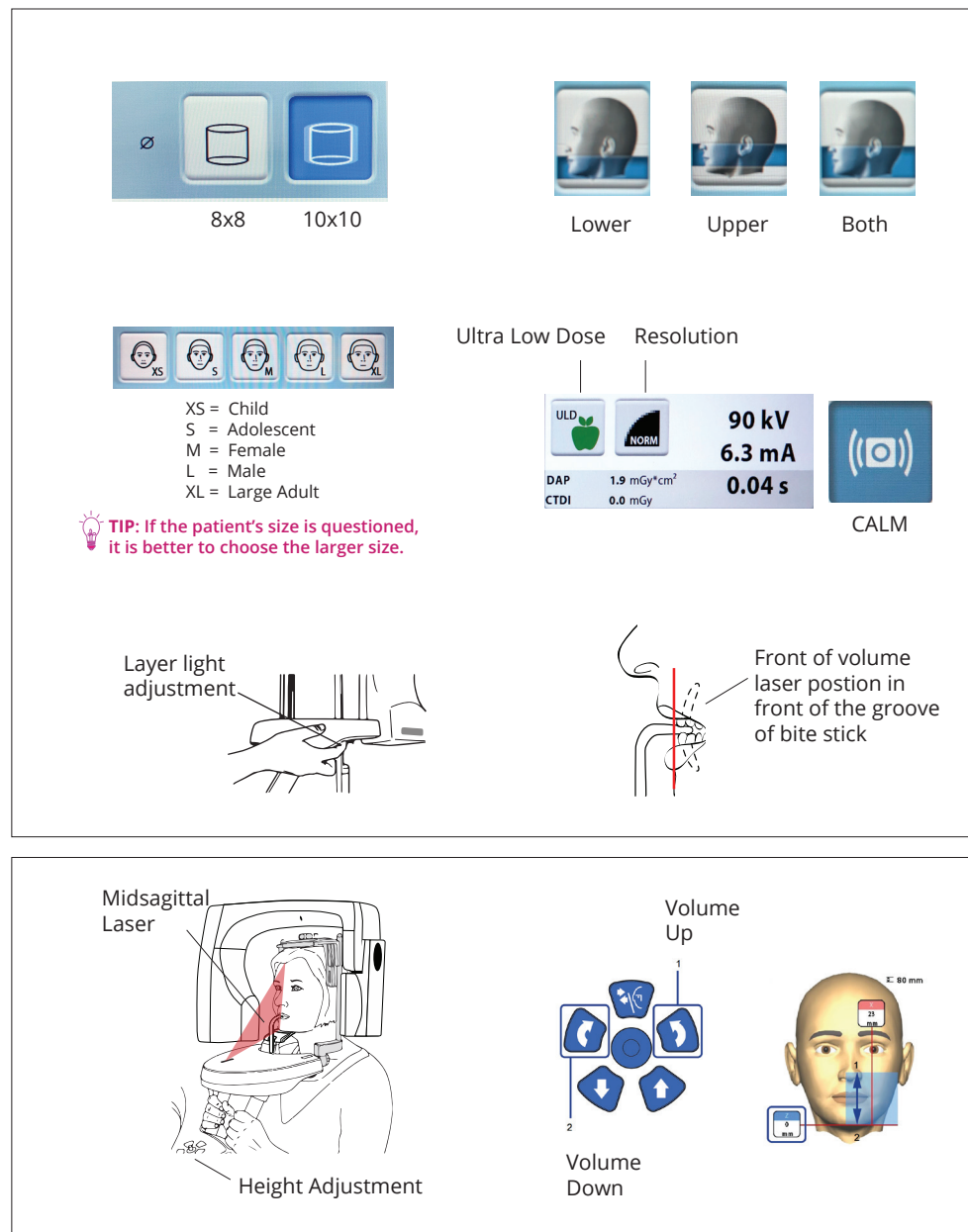
- Remove 2D temple supports and insert 3D head support system.
- Open Romexis, then open or create a patient. If adding a new patient, select Save after entering patient data. Under Next Steps, choose Go to 3D Imaging then select 3D Capture.
- On the touchscreen select 3D Dental, then Teeth.
- Select  to capture extended field of view, as need and if available.
- Select Patient Size.
- Press Lower, Upper or Both.
- Press Forward  to continue. (If selecting the upper arch, the ProMax will raise to the maxillary teeth after pressing Forward.)
- Select the patient size and resolution. Enable **ULD** and **CALM**, as needed and if available.
- Roll the wheel to position the laser in front of the groove on the bite stick. (This laser represents the front of the volume.)

Step 2 - Patient Positioning

- Have the patient remove glasses, jewelry, all removable appliances and hair accessories.
- Have the patient stand tall as possible, hold handles and walk close to the unit.
- Adjust height of unit until the chin rest is even with the patient's chin.
- Instruct the patient to bite on the bite stick and visually verify the anterior teeth are in the grooves. Use the chin cup for endentulas patients or to keep the patients into occlusion.
- Lower the bite stick so the patient's chin is resting on the chin rest. Verify the cervical spine is stretched by gently lifting up on the back of the patient's head.
- Raise or lower the unit until the posterior occlusal table is parallel to the floor.
- Lower and tighten 3D head support securely.
- Align the mid-sagittal laser to the **dental** midline by moving the chin left or right.
- Verify the volume bottom laser is below the region of interest. (To adjust the height of the bottom laser, press and hold the curved arrows until the laser is below the region of interest.)

Step 3 - Exposure

- Press Forward  to continue.
- Instruct the patient to remain still and breathe through nose.
- Hold down the exposure button until audible noises cease.



The software interface shows the following options:

- Field of View:** 8x8, 10x10
- Arch Selection:** Lower, Upper, Both
- Patient Size:** XS, S, M, L, XL
- Resolution:** Ultra Low Dose (ULD), Resolution (NORM)
- Technical Data:** 90 kV, 6.3 mA, 0.04 s, DAP 1.9 mGy*cm², CTDI 0.0 mGy
- Buttons:** CALM, Exposure (camera icon)

TIP: If the patient's size is questioned, it is better to choose the larger size.

Layer light adjustment: Diagram showing the patient's head in the unit with the laser positioned at the front of the volume.

Front of volume laser position in front of the groove of bite stick: Diagram showing the patient's head in the unit with the laser positioned at the front of the volume.

Midsagittal Laser: Diagram showing the patient's head in the unit with the laser positioned at the front of the volume.

Height Adjustment: Diagram showing the patient's head in the unit with the laser positioned at the front of the volume.

Volume Up/Down: Diagram showing the patient's head in the unit with the laser positioned at the front of the volume.