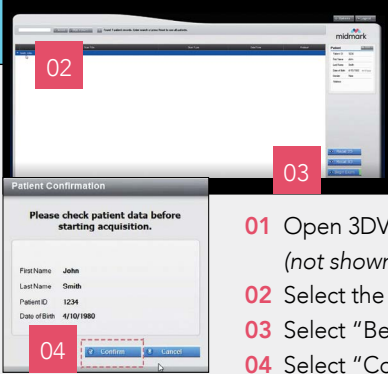
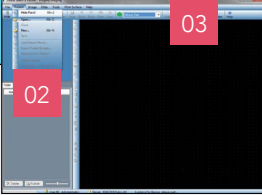


QUICK POSITIONING GUIDE: MIDMARK® EXTRAORAL IMAGING SYSTEM (EOIS) 2D PANORAMIC X-RAY

Prior to setting up a patient exam, be sure to follow all cleaning and disinfection guidelines of the machine between patients and use protective barriers and sheaths on patient-contacting mechanisms, e.g., the bite guide and TMJ guide, per office protocols.

SET UP THE EXAM

Workstation: 3D models	Imaging Software Application: 2D models
 <p>01 Open 3DV Visualization Software. (not shown)</p> <p>02 Select the patient.</p> <p>03 Select "Begin Exam."</p> <p>04 Select "Confirm."</p>	 <p>01 Open Progeny Imaging Software. (not shown)</p> <p>02 From the device dropdown, select the EOIS Pan device.</p> <p>03 Verify the "Device Ready" green indicator appears in the status bar.</p> <p>04 Open a patient record. (not shown)</p> <p>Note: For Progeny TWAIN or other imaging software, please refer to the respective user manual.</p>

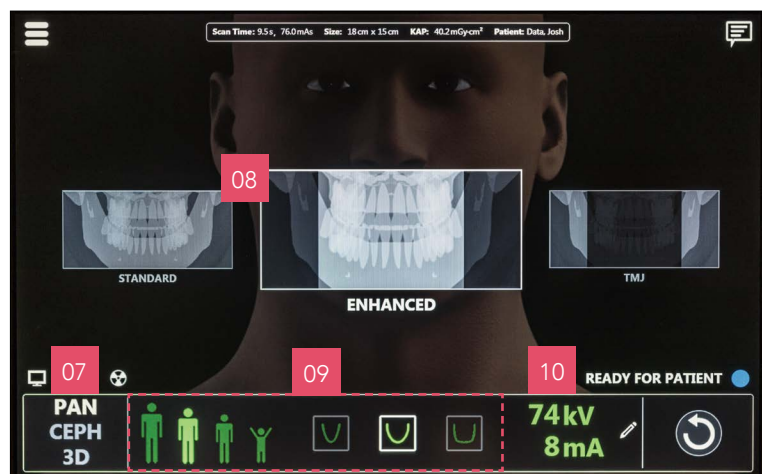
Patient Table:

- 05** Insert the head positioner and align to the 2D position on the patient table. Insert the bite guide or TMJ guide on the head positioner.
- 06** Raise or lower the telescopic column to the approximate height of the patient.



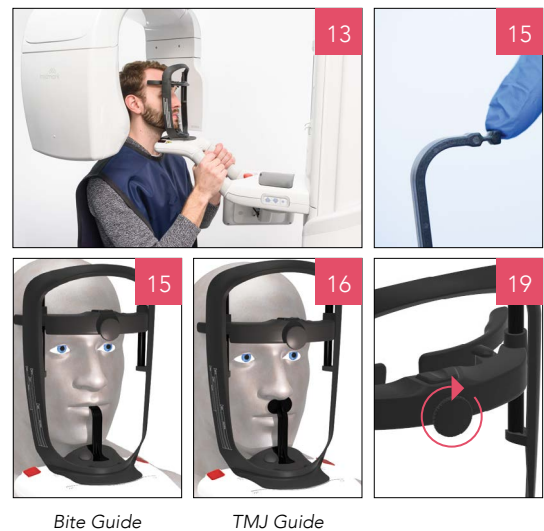
Operator Panel:

- 07** Select "PAN."
- 08** Tap or scroll to select the study: Standard, Enhanced, TMJ, Incisors or Bitewing.
- 09** Select patient size and jaw shape.
- 10** Review kV and mA presets.



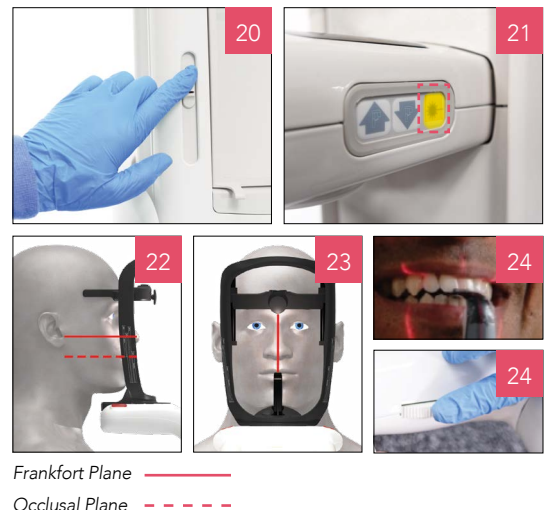
POSITION THE PATIENT

- 11 Ask the patient to remove eye glasses, jewelry and bulky outer clothing. (not shown)
- 12 Adjust the height of the telescopic column to the patient. (not shown)
- 13 Ask the patient to grasp the hand grips and place their feet in front of their shoulders so slightly tilted back.
- 14 Ask the patient to place their forehead against the forehead guides and press the button to slide the bridge just above the patient's eyebrows. (not shown)
- 15 Instruct the patient to place their upper and lower incisors in the bite guide groove.
- 16 For TMJ scans, the TMJ guide should press against the base of the nose and top of the lip.
- 17 Ask the patient to straighten their back and neck and relax their shoulders. (not shown)
- 18 Make final adjustments so the patient's chin is slightly elevated away from their chest. (not shown)
- 19 Secure the forehead guides by gently turning the knob clockwise.



ALIGN THE POSITIONING LASERS

- 20 Place the Horizontal laser in the lowest position.
- 21 Turn on the positioning lasers.
- 22 Align the Horizontal laser to the Frankfort Plane from the base of the patient's optical orbit to the top of the ear canal.
Note: For bitewings, set the laser to be parallel to the patient's occlusal plane.
- 23 Align the Midsagittal Plane laser so that the laser centers on the bridge of the patient's nose and passes through the center of their upper lip.
- 24 Align the Cuspid Positioning laser by asking the patient to smile and moving the thumbwheel on the patient table until the laser aligns to the anterior edge of the cuspid teeth.
Note: For bitewings, position the Cuspid laser on the first pre-molar.
- 25 Instruct the patient to close their mouth. (not shown)
Note: TMJ exams require two images, one with mouth closed and one with mouth open.



TAKE THE IMAGE

- 26 Press and hold the motion icon until the Ready to Acquire green status indicator appears.
- 27 Instruct the patient to swallow, place their tongue against the roof of their mouth, and remain as motionless as possible until the device stops moving. (not shown)
- 28 Press and hold the exposure switch during the entire scan.
- 29 Verify the image preview on the operator panel is correct, then tap OK.
- 30 Help the patient exit the device. (not shown)

For more detailed information about how to perform a 2D dental X-ray, please refer to the Midmark Extraoral Imaging System User Guide at technicallibrary.midmark.com/WebSite/DentalImagingSeries.htm

