**Quick positioning guide for PANORAMIC and CEPHALOMETRIC**

**BEFORE THE PATIENT ENTRY**
- Prepare patient:
  - remove all metal objects from the region of patient’s head and neck (glasses, necklace, earrings, hair pins, removable prosthetics, piercings, etc.)
  - fasten long hair up
  - remove clothes having part covering the neck (e.g. hoodie, shirt with high collar)

**PATIENT ENTRY**
- Ask patient to approach the unit (do not position yet).
- Adjust the height of the unit to have the bite block approximately between nose tip and upper lip.

**POSITIONING AIMING BEAMS**
- Point Nr. 1:
  - Point Nr. 1: Stand behind the patient and check in the mirror if the vertical mid-sagittal beam is aligned with the patient’s mid-sagittal plane (dashed line in picture). Adjust the position by moving patient’s head, if needed.
- Point Nr. 2:
  - Looking at the patient from the right side, find the lowest point of orbit (if necessary, touch the patient under the eye to feel the edge of the bone under the eye), check the alignment of the Frankfurt plane laser.
  - Adjust the horizontal Frankfurt plane navigation beam with the knob on the side of unit.
- Point Nr. 3:
  - Gently move the patients head, so that the horizontal Frankfurt navigation beam is aligned with the ear canal. When patient starts to stand on his toes, adjust the height of the unit and try again.
- Point Nr. 4:
  - (only if Canine beam is present) Ask the patient to smile whilst biting on the bite block and adjust this beam to align with the middle of Canine tooth.

**TAKING IMAGE**
- Ask the patient to:
  - swallow and leave the tongue in the upper palette and relax
  - watch the nose tip in the mirror
  - breath normally through their nose and relax
- When computer is ready (GREEN indication in software), patient ready, environment ready and you are ready for exposure, press and hold the Exposure button on the Hand switch. Sound indicates the radiation is in progress. In software you see BLUE indication.

**CEPHALOMETRIC POSITIONING**
- Lateral
- Posteroanterior
- Panoramic
- Corpus

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Panoramic Corporation
4321 Crown Blvd
Fort Wayne, IN 46818
800-654-2027
www.panoramic.com