

**ALTERNATE
STANDARD
POSITIONING
PROCEDURE
(Using Bite
Positioner)**

1. Ask the patient to remove any dental prosthesis, earrings, necklaces, hairpins, eyeglasses, etc.
2. Place the protective lead apron over the patient's shoulders, across the back. Allow no folds near the neck.
3. Guide the patient to the front of the machine facing the mirror.
4. Raise or lower unit using motor control switch until chin rest is level with patient's chin.
5. Place the patient's hands onto the handles.
6. Instruct the patient to move forward and bite so that the incisal edges of the maxillary and mandibular teeth are within the groove provided near the end of the bite positioner.
7. Position the patient so that his/her back is straight, shoulders are down and neck is stretched.
8. Push the CASSETTE CARRIAGE all the way to the RIGHT. Turn on FRANKFURT PLANE LIGHT (Figure 3-2C) (Plane-in-Focus MARK LIGHT also turns on) and align the Frankfurt Plane (Figure 3-7) so that the lower orbit of the eye and the tragus of the ear are parallel to the floor.
9. Ask the patient to gently bite the

bite positioner (the incisal edges in bite block grooves), and open lips wide, exposing teeth.

10. Check the angled (45°) mirror to verify that the incisal edges and the midline of the oral cavity are properly positioned.



Figure 3-8 Correct Mark Light and Frankfurt Light Position

11. Release the lever on the HEAD POSITIONER.
12. Press MARK LIGHT BUTTON, turn FOCUS DIAL until light beam falls on the lateral cuspid. (See Section G, page III-12)

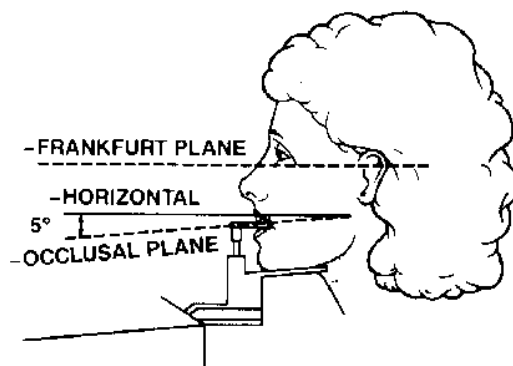


Figure 3-7

III OPERATION

13. Verify that the ROTATIONAL UNIT is the START position:
 - (a) Depress RETURN button.
 - (b) Move CASSETTE toward the LEFT into its stop.
 - (c) Verify selected kV button is depressed and lit.
 - (d) The READY LIGHT should now illuminate.

14. Ask the patient not to move, close his/her lips, swallow, and to keep lips closed.

NOTE: *Step 14 is critical* to eliminate any dark shadow over the apical area of the maxillary teeth. The lips must remain closed during the exposure.

