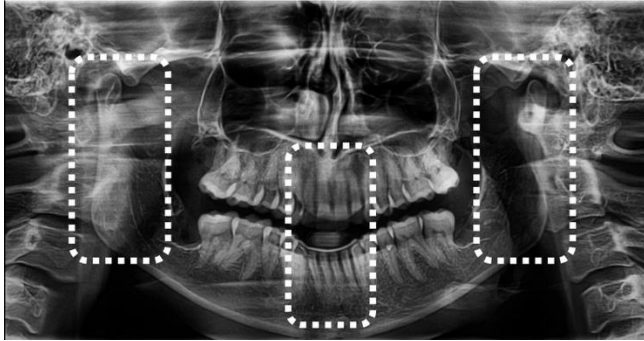


Panoramic Positioning and Troubleshooting

Example

Explanation



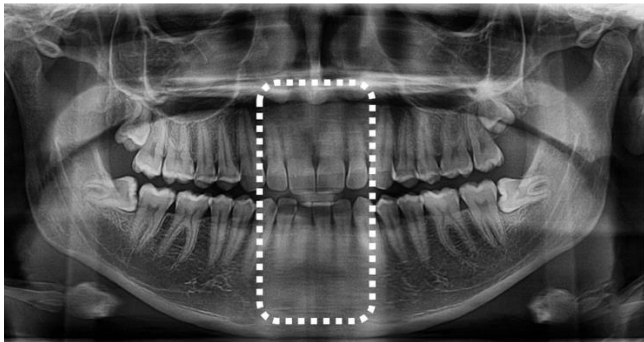
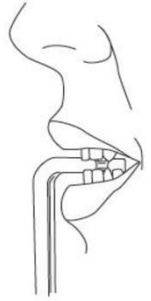
Anterior teeth “skinny” or blurred

Patient is not biting in the groove

- Too far forward

Canine laser is not middle of canine

- Laser is positioned too far back



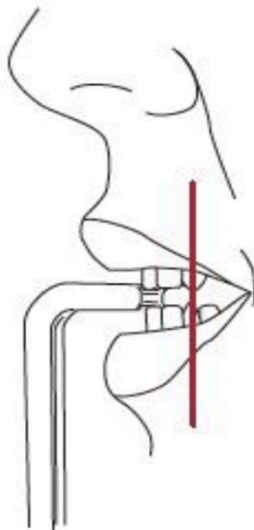
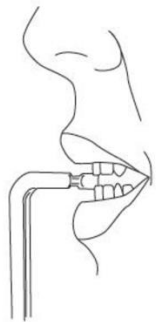
Anterior teeth magnified or blurred

Patient is not biting in the groove

- Too far back

Canine laser is not middle of canine

- Laser is positioned too far forward



Ensure Patient is biting in the groove

Ensure canine laser is placed in the middle of the canine

Rotate the thumb wheel (under the patient support) forward or backward to properly align

For additional information please visit:

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2D Positioning

Panoramic Positioning and Troubleshooting

Example

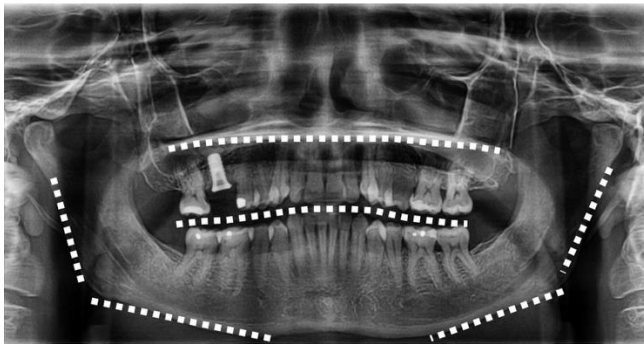
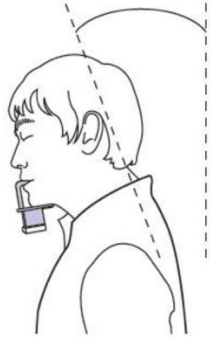
Explanation



Lower anterior foreshortened roots

“Smile” too pronounced

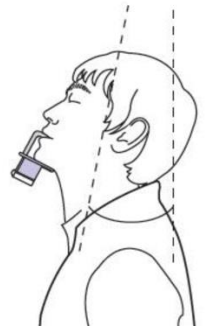
Patient is not on Frankfort plane
- Raise machine/chinrest to align



Maxillary roots out of focus

“Frown” instead of slight smile

Patient is not on Frankfort plane
- Lower machine/chinrest to align



**Ensure Patient is properly positioned
along Frankfurt plane**

Adjust chin by elevating or lowering the device
until laser light passes thru the top of the tragus
and thru the lower border of the orbit of the eye

For additional information please visit:

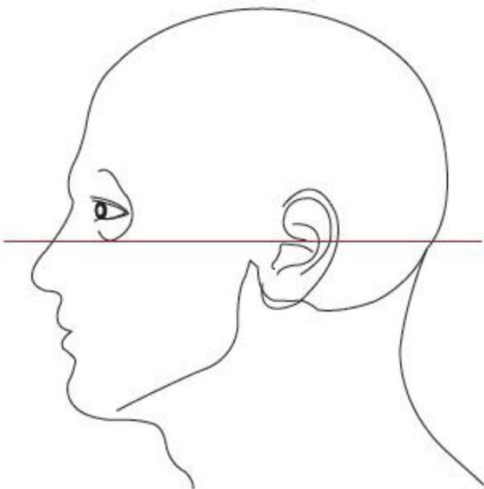
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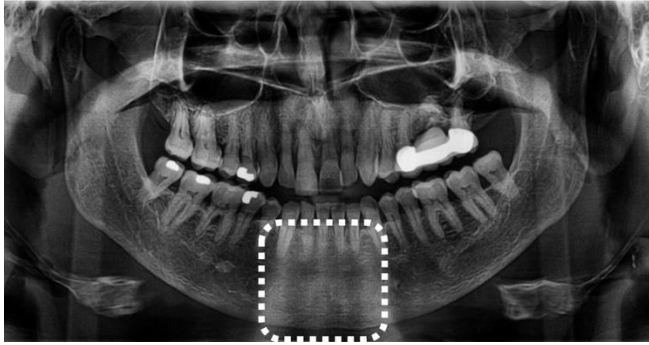
2D Positioning



Panoramic Positioning and Troubleshooting

Example

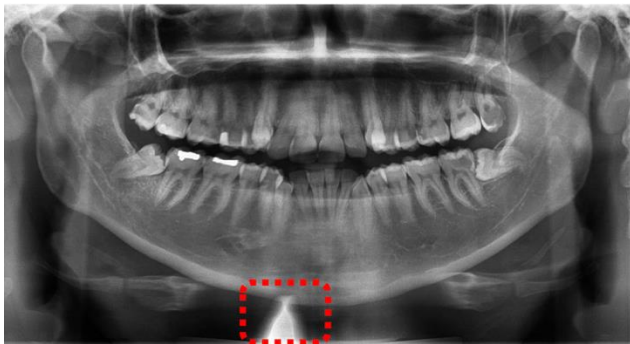
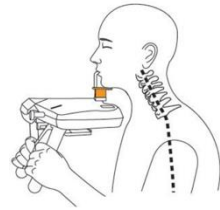
Explanation



White/Washed out lower mandible

Spine is compressed

- Ensure patient is standing upright



White triangle in image

Lead apron is blocking radiation

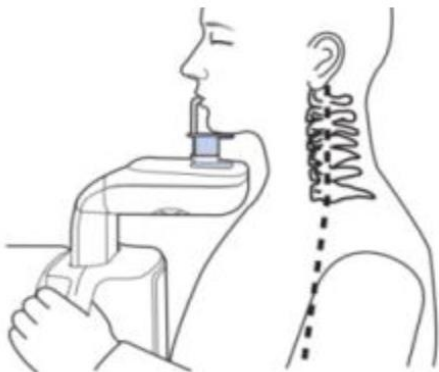
- Ensure patient is standing upright
- Adjust back of apron lower



Ensure Patient is standing in proper position

Have the patient stand tall and upright at the machine with chin in line with chinrest

Ask patient to firmly grip handles and position their feet slightly forward



For additional information please visit:

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2D Positioning

Panoramic Positioning and Troubleshooting

Example

Explanation



One side is magnified compared To other

Patient is not centered



Anatomy of patient is at differing heights / magnification distorted

Patients head is tilted to one side



Ensure Patient is properly centered

Ensure that the vertical laser beam (mid-sagittal) is in between eyebrows and center of the upper lip

For additional information please visit:

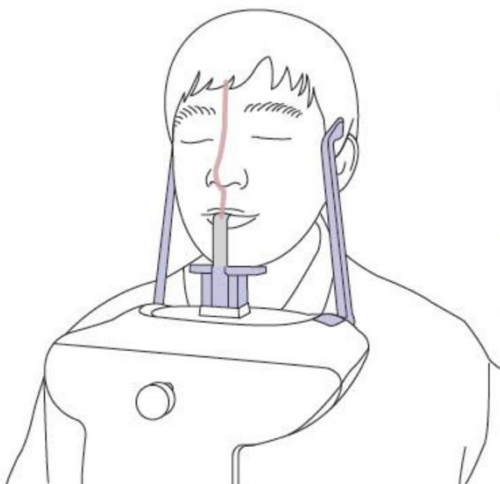
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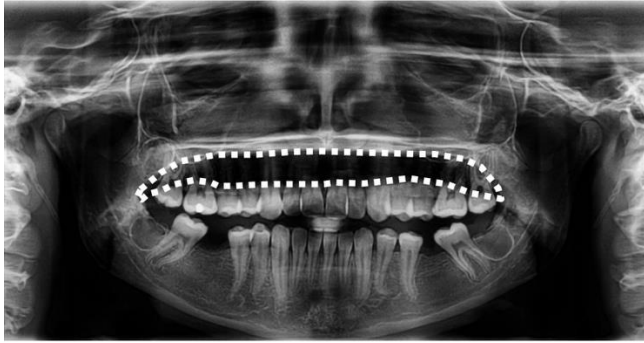
2D Positioning



Panoramic Positioning and Troubleshooting

Example

Explanation



Maxillary roots have dark shadow

Dark oval in center of image

Patient's tongue not on palate

Patient does not have lips closed

- Close lips around bitestick

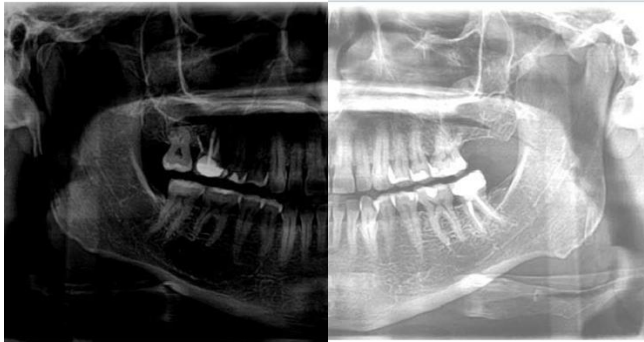
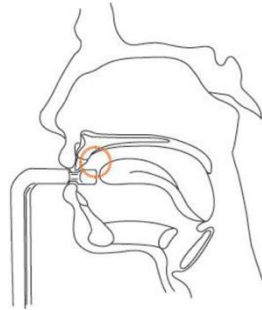
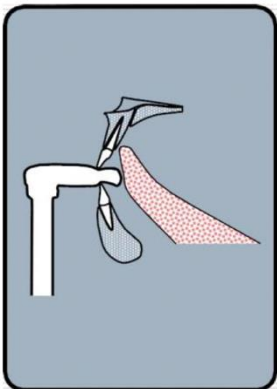


Image is too light or too dark

Radiation levels are incorrect

- Too light increase radiation
- Too dark decrease radiation



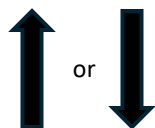
Ensure patient's tongue is placed on the roof of the mouth with lips closed around bitestick

Ensure radiation levels are appropriate to patient size and demographic

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kVp and mA



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2D Positioning