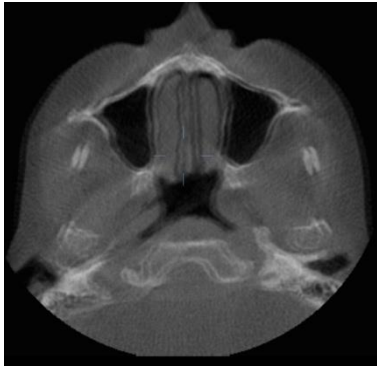


3D Positioning and Troubleshooting

Example



Explanation

Large amount of scatter/artifact

- Patient Movement makes artifact removal difficult to impossible
- Some scatter is normal. Excessive scatter is often The result of patient movement

Lack of clarity/ghosting of images

- Patient movement diminishes image clarity and quality

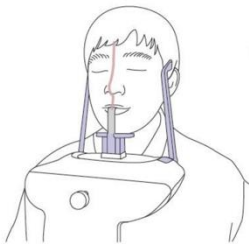
EXPERT TIP!

Check the default
Sagittal view

Patient movement is
clearest here



Common Errors That Increase Patient Movement



Temple Supports
not firmly supporting
the patient

Ensure temple supports
are tightly supporting
patients head to
restrict movement

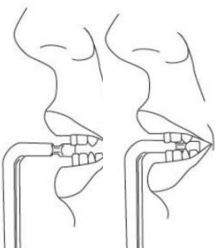


Patients chin is not
on the chinrest

Ensure patient is
firmly on the chinrest
to properly support
and prevent movement

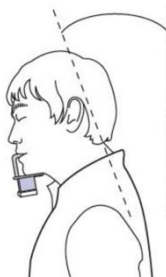
Ensure patient is securely
anchored in the machine

Consider a faster Green setting
scan for patients who cannot
comply



Patient too far
forward or backward
of bites tick groove

Ensure patient is
biting in the groove
with both sets
of teeth



Patient slouching
and/or chin is too low

This can cause the
machine to contact
patient in rotation
causing movement

Raise chinrest to
correct height
and angulation

For additional information
please visit:

Vatechamerica.com/education



Vatech Academy

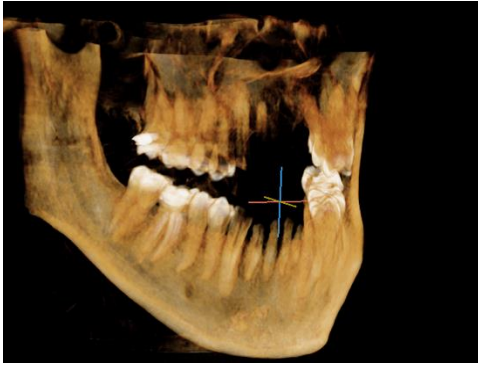


3D Positioning

3D Positioning and Troubleshooting

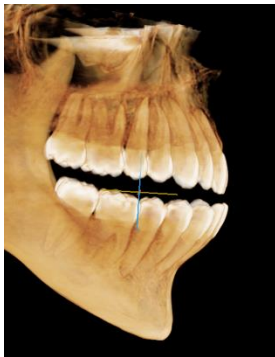
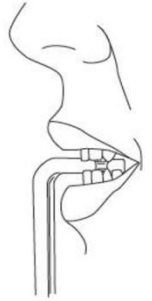
Example

Explanation



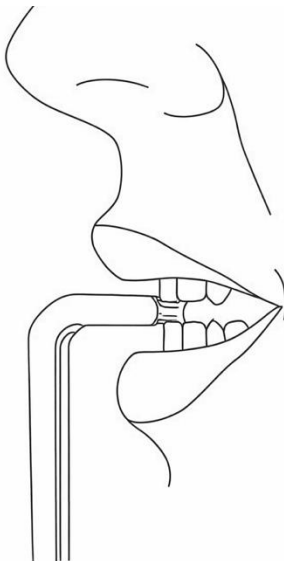
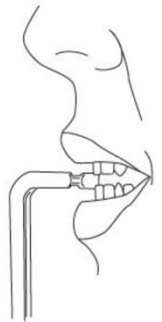
**Anterior teeth are cut off
on 3D scan**

Patient is not biting in the groove
- Too far forward



**Posterior anatomy is cut off
on 3D scan**

Patient is not biting in the groove
- Too far back



Ensure Patient is biting in the groove

This will allow for the automatic targeting
to capture the desired anatomy

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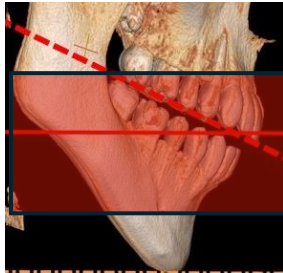


3D Positioning

3D Positioning and Troubleshooting

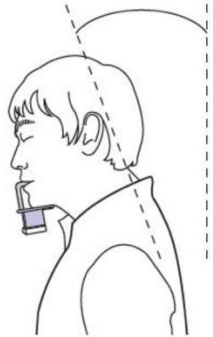
Example

Explanation



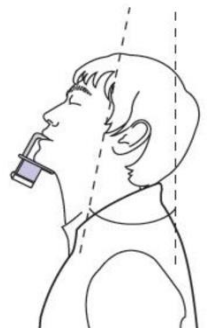
Targeted region in Mandible and captured more Maxilla than anticipated

Patients head is tilted too far down



Targeted region in Maxilla and captured more Mandible than anticipated

Patients head is tilted too far up



**Ensure Patient is properly positioned
With a flat occlusal plane**

Adjust chin by elevating or lowering the device
to obtain a flat occlusal plane

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3D Positioning