

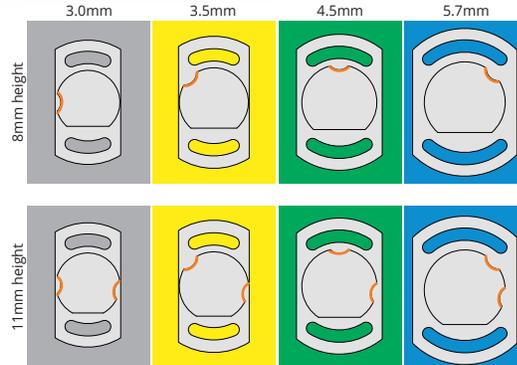


digital or traditional impressions using the snap scan bodies

The one-piece design can be placed by hand without any additional instrumentation. Each snap scan body features a color-coded radiopaque titanium body that can be used to verify seating on a radiograph. Unique markings on each snap scan body help to identify the implant platform when scanning in the mouth or with table-top scanners, can also be used for traditional closed tray impressions.



Available in 8mm and 11mm heights, to accommodate varying tissue heights.



- each snap scan body is designed with a unique top for easy identification from the occlusal view.
- 8mm snap scan bodies feature a single notch, 11mm snap scan bodies feature two notches.

1 Remove the healing abutment

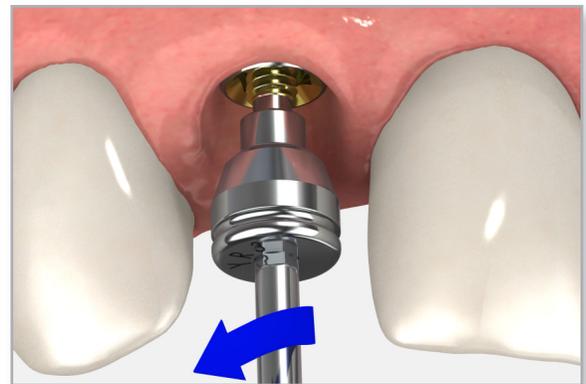
Remove the healing abutment using an .050" (1.25mm) hex driver. Confirm the implant prosthetic platform is free of any bone debris or soft tissue.



Important: When a Laser-Lok healing abutment is temporarily removed for impression making or other restorative procedures, keep the removed Laser-Lok healing abutment in sterile saline until reinserting into the mouth.



Helpful Hint: When placing snap scan bodies on multiple implants, remove one healing abutment at a time, replacing it immediately with the snap scan body. This reduces the likelihood of soft tissue collapsing onto the implant. Work from the posterior to the anterior.



2 Place the snap scan body

Snap the snap scan body onto the implant. Choose between 8mm or 11mm height options to accommodate for the tissue height.

Take a radiograph along the long axis of the implant to ensure that the snap scan body is seated completely into the hex of the implant. Note: The X-ray tube must be positioned perpendicular to the implant prosthetic platform.





digital or traditional impressions using the snap scan bodies

3 Digitize the impression

There are two primary ways to create a digital impression.

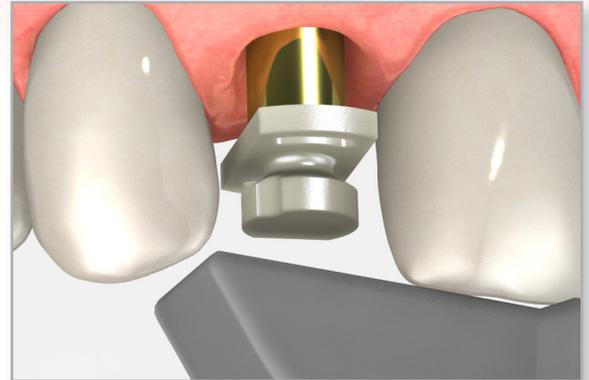
Option A - The first method is to take an intra-oral digital impression by placing a snap scan body into the implant and scan the scan body and surrounding dentition using handheld 3D scanner.

Option B - The second method is to take an implant level impression, pour a stone model, place a snap scan body into the implant analog and scan the model using 3D tabletop digital scanner.



Important:

Ensure the lab has the digital library that is compatible with the scan body. BioHorizons digital library can be downloaded from vulcandental.com.

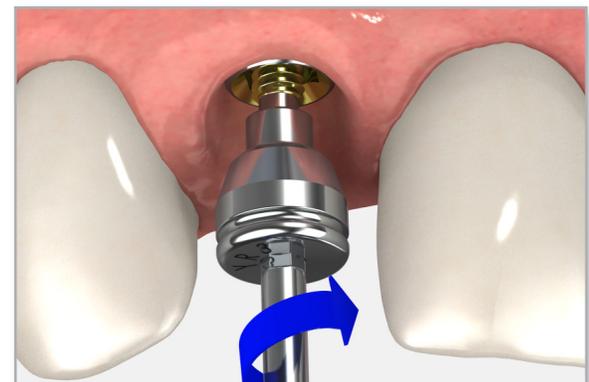


4 Replace healing abutment

Replace the healing abutment immediately to prevent soft tissue collapse over the implant.

send to lab

- impression with embedded snap scan bodies
- opposing model or impression
- implant analog
- prescription with lab instructions



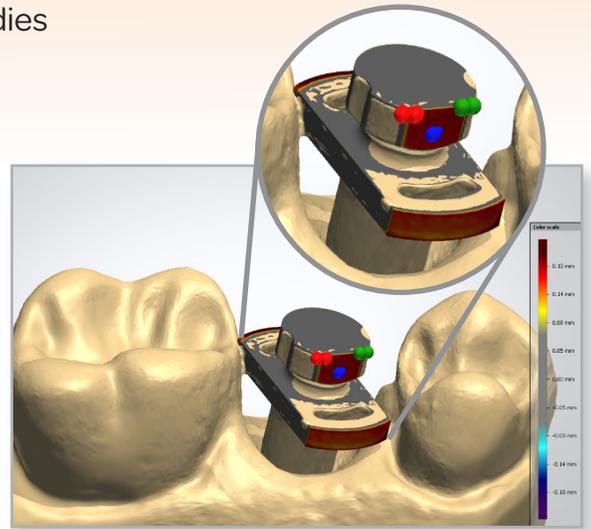


digital or traditional impressions using the snap scan bodies

5 Lab Step - Verify alignment and platform size

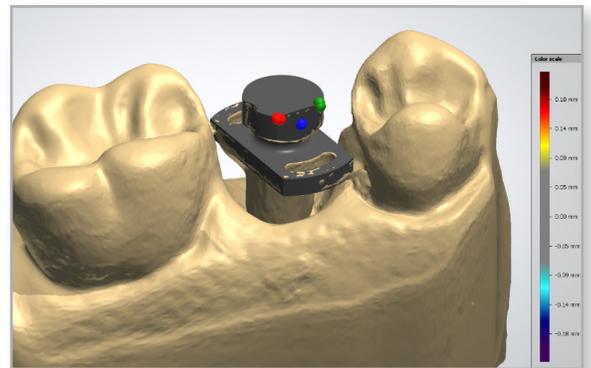
Misalignment is visible in red on the flange edges as well as the occlusal surface when the wrong height is selected for the platform.

This image shows a 8mm height snap scan body for the 3.0 platform was used but the 11mm height has been selected in the software, resulting in misalignment.



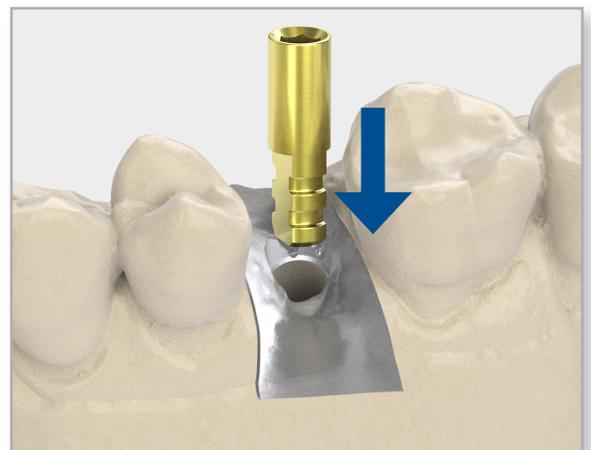
Correct alignment is shown by a mesh of the scan body and scan throughout all regions.

This image shows that a 8mm height snap scan body for the 3.0 platform was used and the same snap scan body has been selected in the software, resulting in the correct alignment. Once the platform and alignment has been verified the lab can continue with the design process.



6 Optional Lab Step- Analogs for printed models

The Biohorizons implant analogs are available for all implant platforms and can be used for printed models, the analogs are inserted from the top of the model to terminal stop position. The two flat sides at the bottom of the analog hold the hex timing position. BioHorizons digital library can be downloaded from vulcandental.com.





closed tray impression using the snap scan bodies

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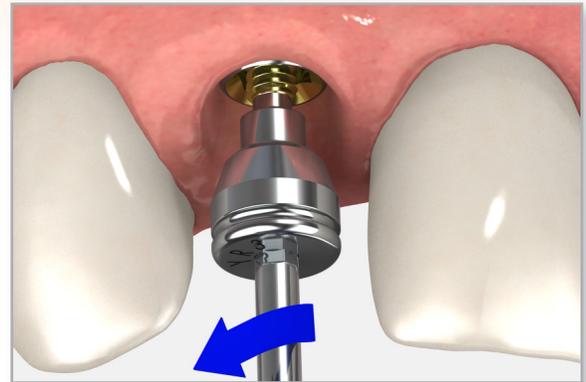
Important:

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2 Place the snap scan body

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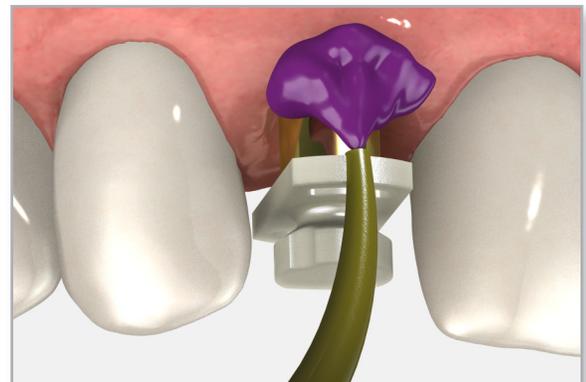
Take a radiograph along the long axis of the implant to ensure that the snap scan body is seated completely into the hex of the implant. Note: The X-ray tube must be positioned perpendicular to the implant prosthetic platform.



3 Make a full-arch impression

Syringe a medium or heavy body elastomeric impression material around and over the snap scan body. Load the tray with impression material and make the impression.

After the impression material has set, remove the tray from the mouth. The snap scan body will be picked up in the impression and remain embedded. Verify the impression material is completely adapted around the snap scan body.





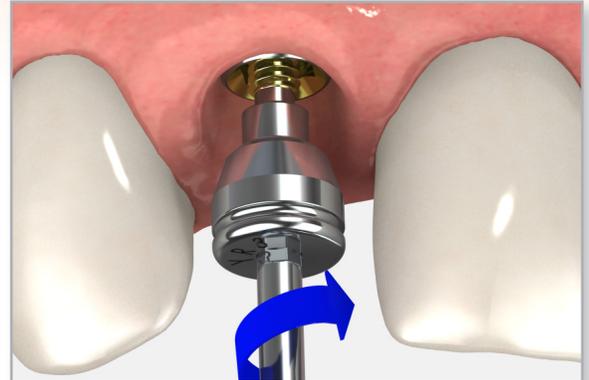
closed tray impression using the snap scan bodies

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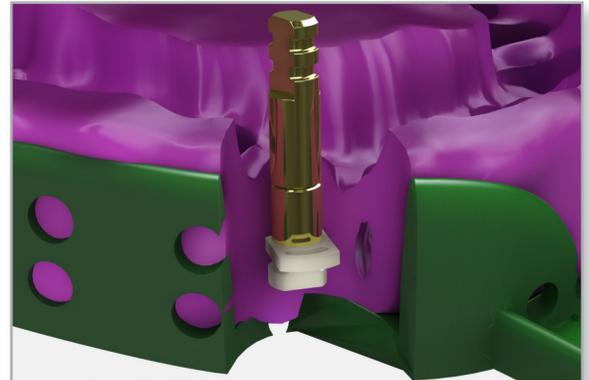
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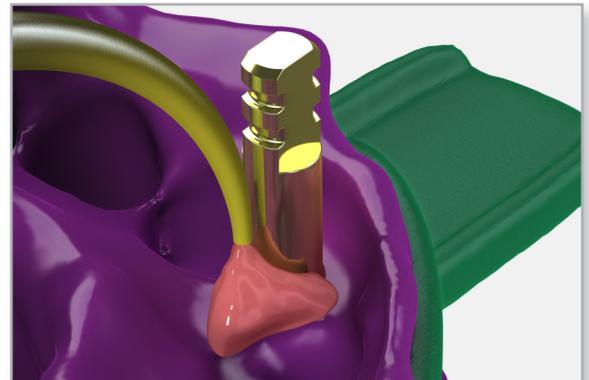
5 Lab step - Assemble the analog

Snap the appropriate diameter implant analog to the snap scan body in the impression.



6 Lab step - Make a soft tissue model

Verify that the Snap scan body and analog assembly are properly snapped together. Apply lubricant where the soft tissue replica material is to be applied. Syringe a soft tissue replica material around the analog.



7 Lab step - Fabricate the stone model

Fabricate a working model in minimal expansion, high hardness die stone. Articulate according to normal laboratory procedures.

