



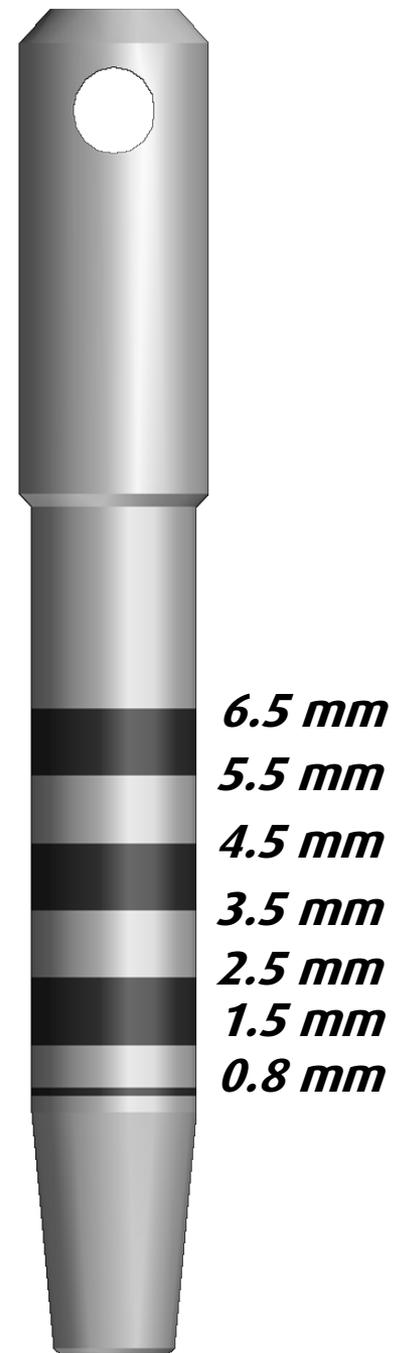
Using the Height Measurement Tool to Properly Choose a Healing Abutment

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What is the height measure tool?

The height measure is a tool designed to measure the height of the gingiva above an implant up to the free gingival margin (top of the gingiva). This measurement will provide the clinician with the information they need to choose the appropriate healing abutment to shape the gingiva for the final restoration.

The healing abutment will create the emergence profile for the final abutment.

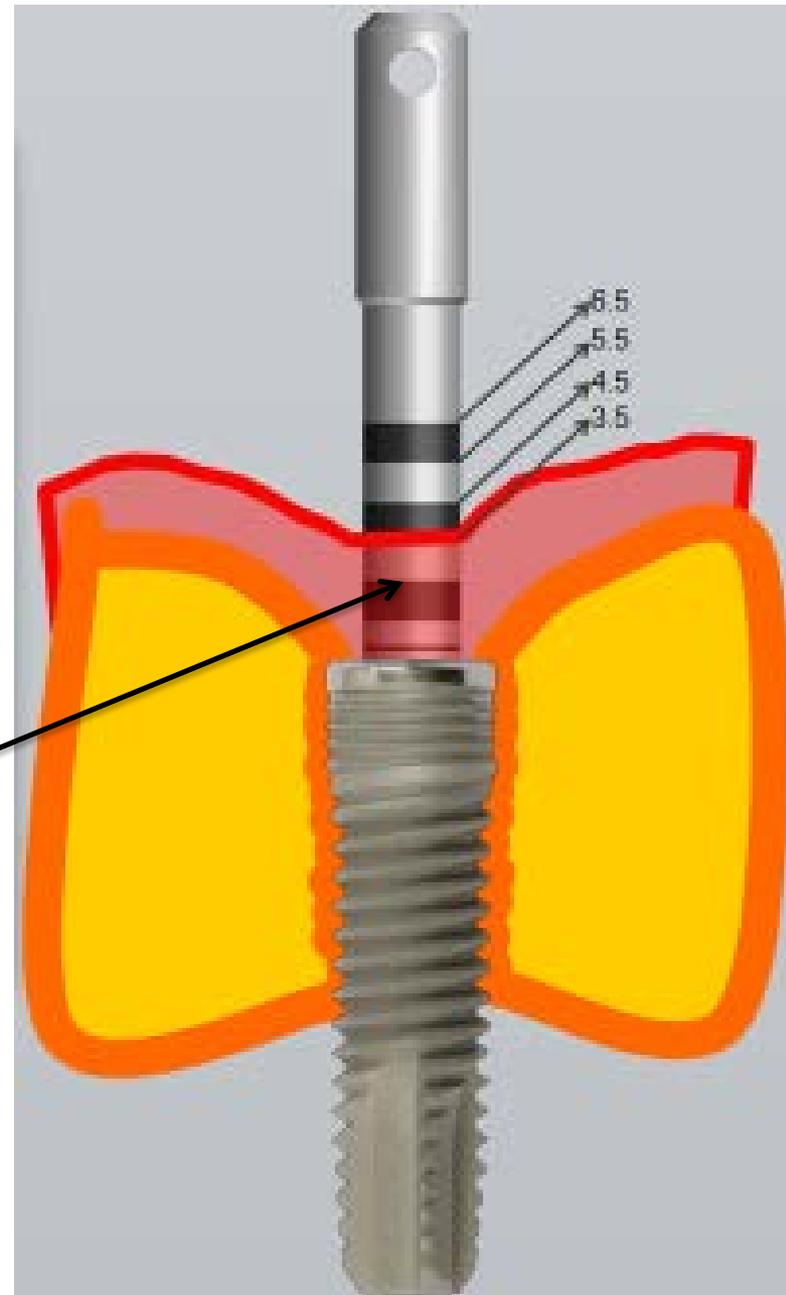


Height Measure Example

Example: For this case the best healing abutment would be a 3.5mm healing abutment.

The diameter of the healing abutment, 3.3 or 4.5 would depend on the width of the crown that was planned for the final restoration.

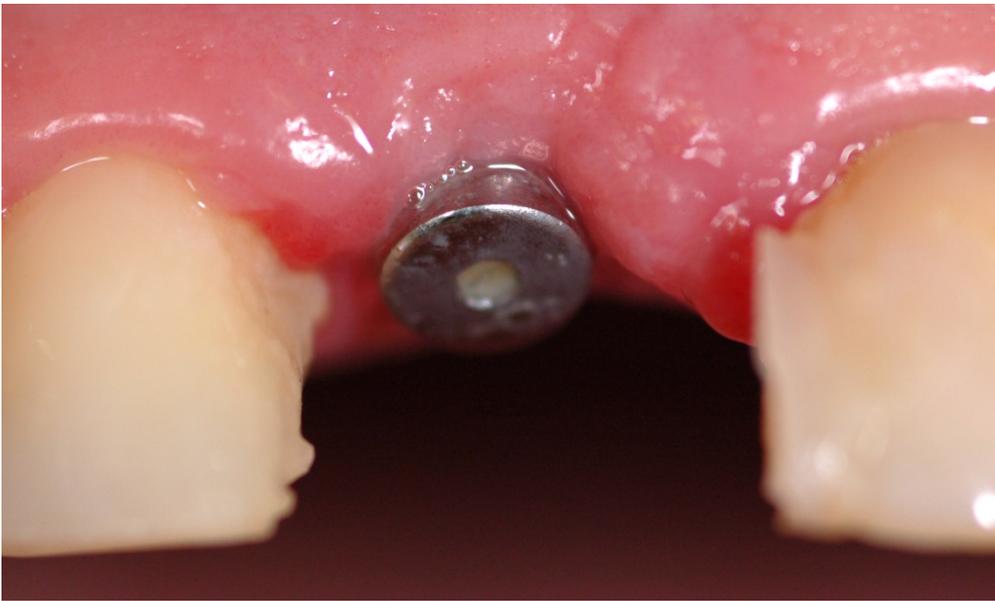
For the final abutment the gingival height of the abutment would be 2.5mm, so that the crown/abutment margin would be below the gingival margin. (The patient wouldn't see the cement line.)



If a two stage surgery is planned and the implant has been placed 2mm subcrestal (below the bone), the clinician will need a 2mm height cover screw, to make the second stage surgery easier. (This is when implant will be uncovered and a healing abutment would be placed to start contouring the gingiva.

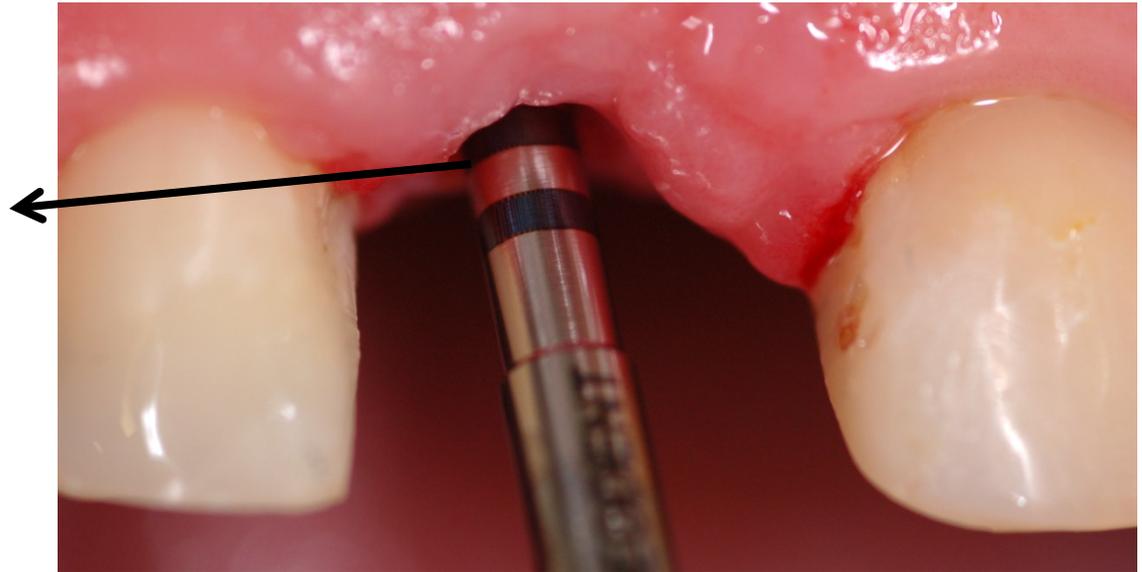


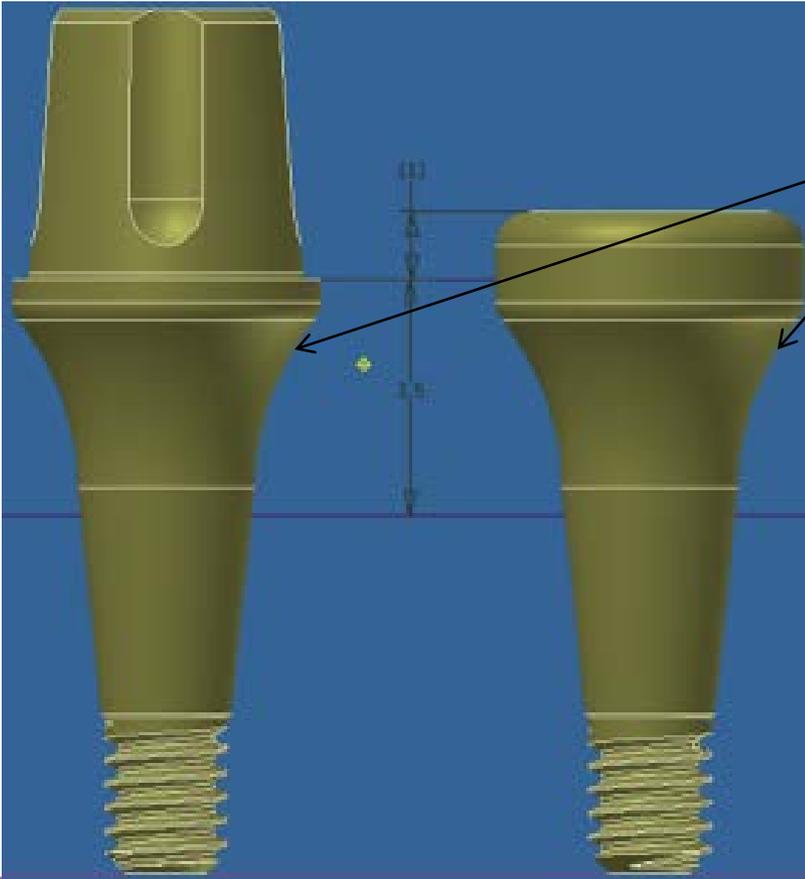
NOTE: When the implant has been placed 2mm sub-crestal, a 0.8mm and 1.5mm healing abutment can be used as well.



Example of a CM healing abutment emerging out of the gingiva

The measurement at this point is 4.5mm, so the clinician can use a 3.5 or 2.5mm abutment. (To ensure the margin is below the gingiva.) An x-ray will be needed to check the height of the bone level.

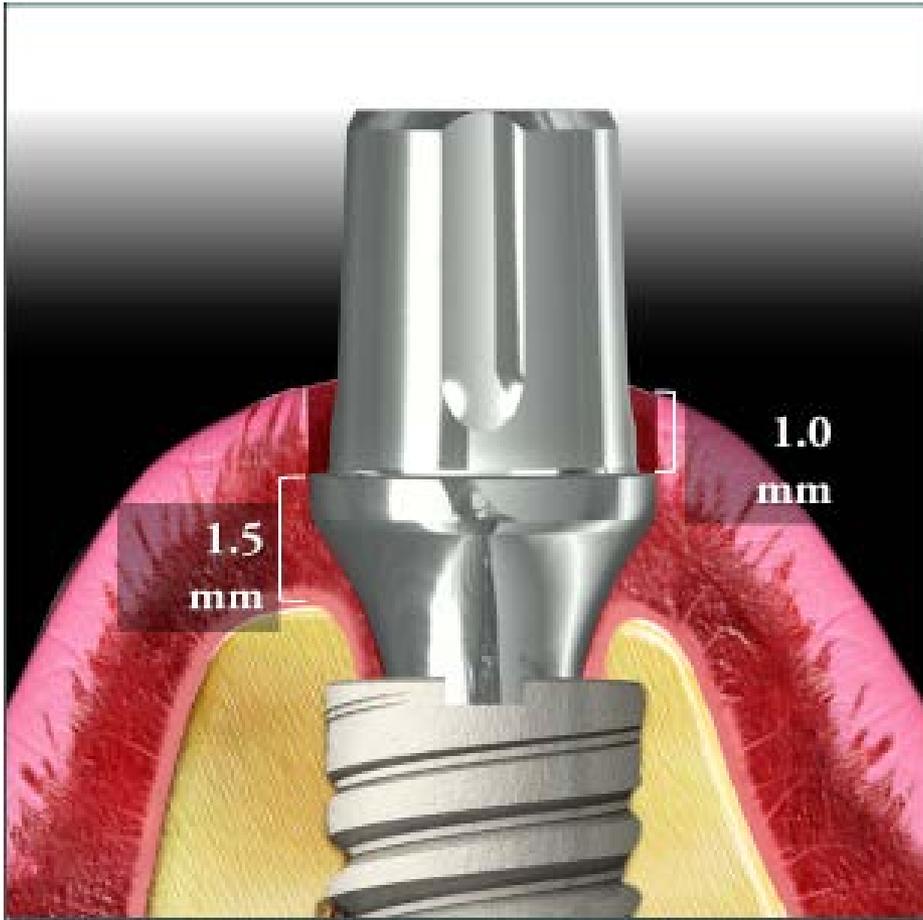




Notice how the healing abutment has the same emergence profile as the abutment.

Reasons why this is important?

- **Having the same profiles makes it easier for the abutment to be placed**
- **Less painful for the patient**
- **Would not require any alteration of the gingiva to enable placement of the abutment**
- **Ensures proper placement of the crown/abutment margin below the gingiva**



Final abutment in place with the crown/abutment margin 1.0mm below the gingival margin.