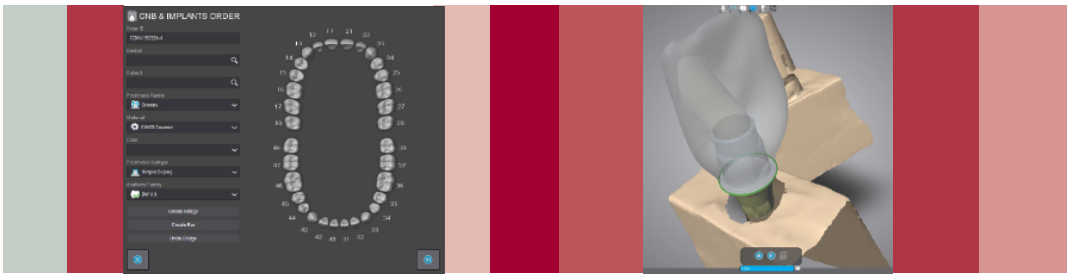
DYNAMIC ABUTMENT® SOLUTIONS



dental wings

INSTRUCTIONS FOR USE

DYNAMIC ABUTMENT® SOLUTIONS LIBRARY

INST_DW_EX_2019_01_EN

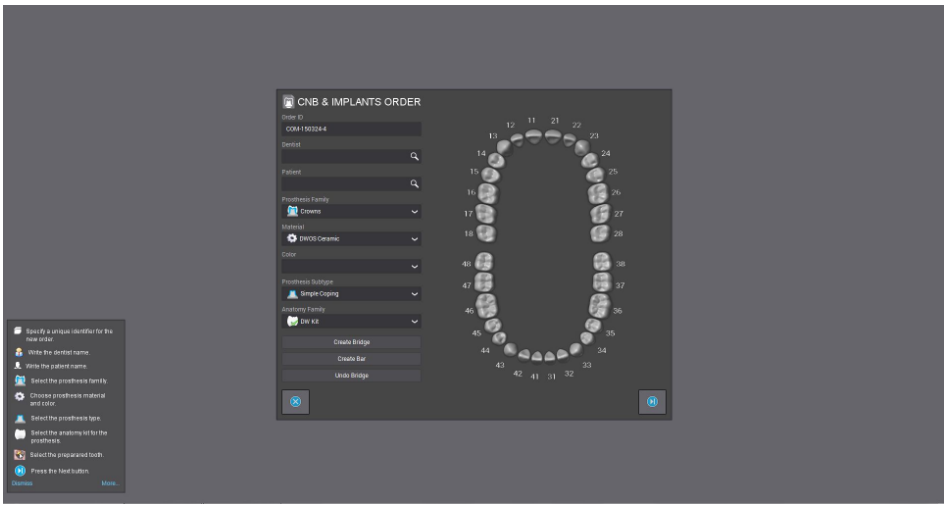
INTRODUCTION

When starting the Dentalwings DWClient, it will appear the following screen to define the work to do.

In this screen, select a new work order, and it may be changed material parameters, open a current order, etc.

SELECT “NEW ORDER” TO DO A NEW WORK

When selecting “New order”, it will appear the following screen, where it should be defined the type of work to do. It will be selected the dentist, patient, type of prosthesis, material, prosthesis subtype, etc.



Select “Abutments” on the prosthesis family, the material and desired colour. On “Prosthesis subtype” select a work over implants to work with titanium bases. On “Implants Kits” select “DAS” and the desired code, and choose between “NR”(non-rotatory) and “R” (rotatory).

Once choosing the compatibility to work with, decide now if work is non-rotatory or rotatory (NR or R), the gingival height of the Tibase® (GH) and/or cement height (CH) if working with the 3Tibase®.

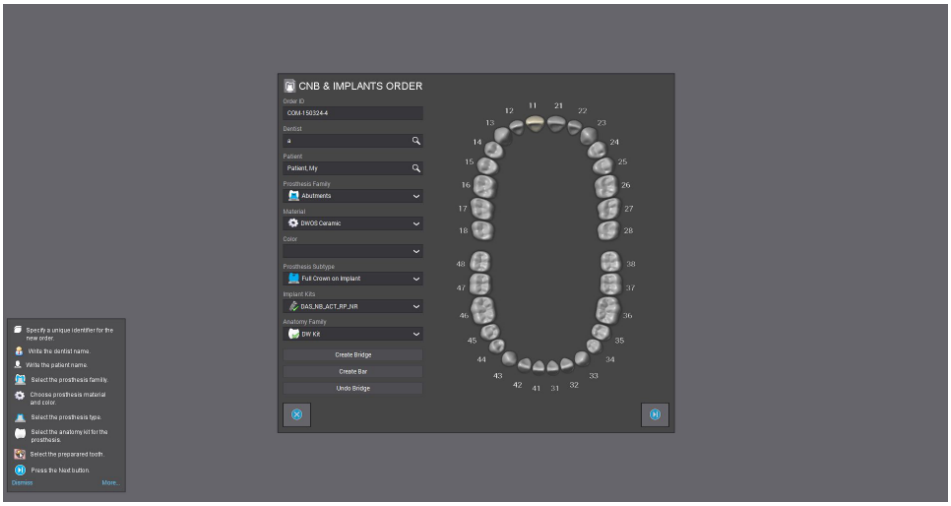
Example: DAS_E_0001_NR
DAS: Dynamic Abutment Solutions
E: Extraoral
0001: Biomet 3I Certain Narrow Platform
NR: Non-rotating

Ti-Base_NR (CH*/GH*)= Engaging TiBase
Ti-Base_R (CH*/GH*) = Non-engaging TiBase

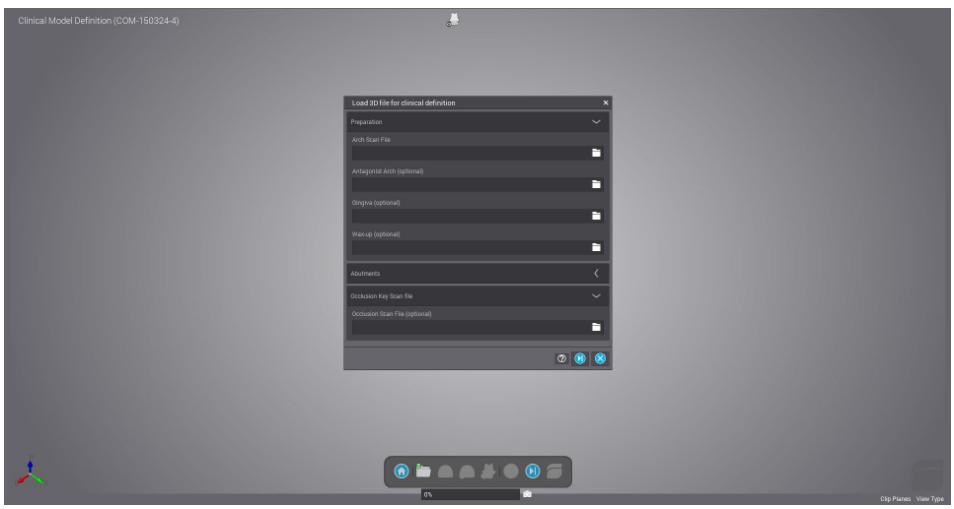
* (CH= Cement Height / GH= Gingival Height)

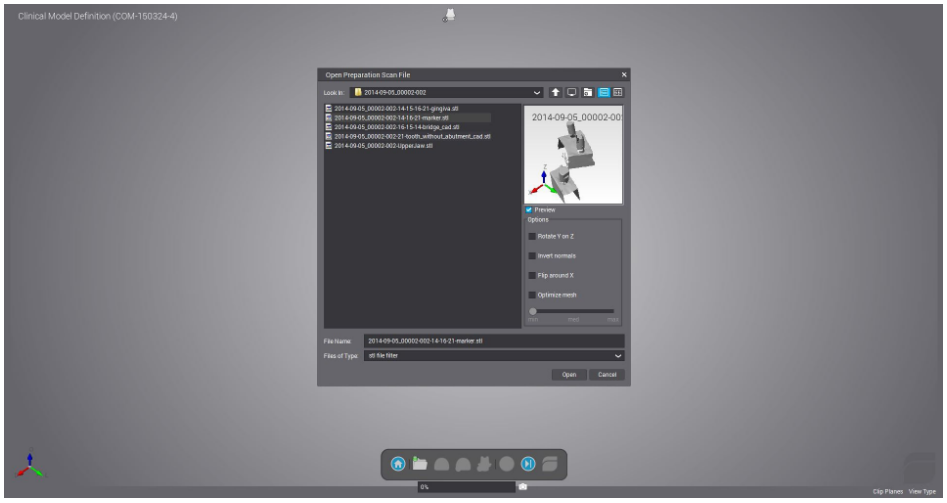
The coding are specified in the catalogue and in a PDF file where all the compatibilities are encode

NOTE: the angulation of the chimney it goes always on the opposite side of the scanbody lateral cut. Also it is possible to move horizontally 45° the angled channel to each side from the central axis.

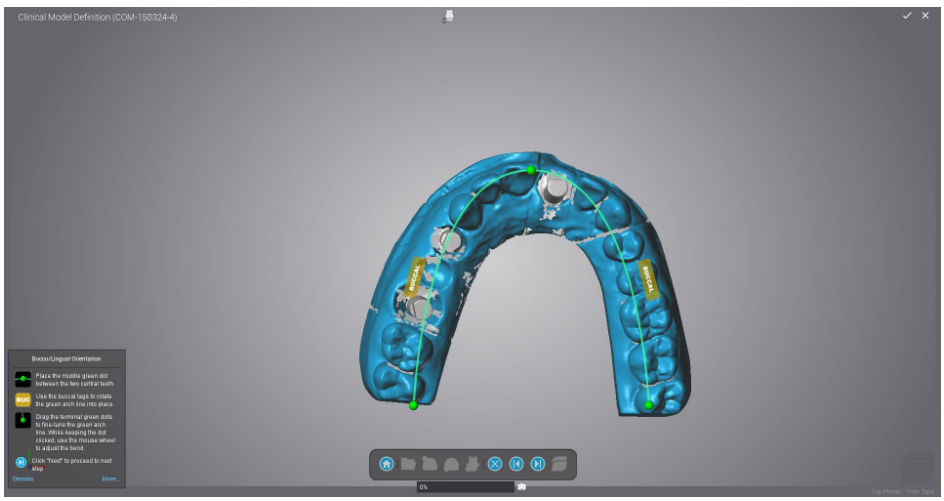


Once the work is defined, proceed to select the scanning files.



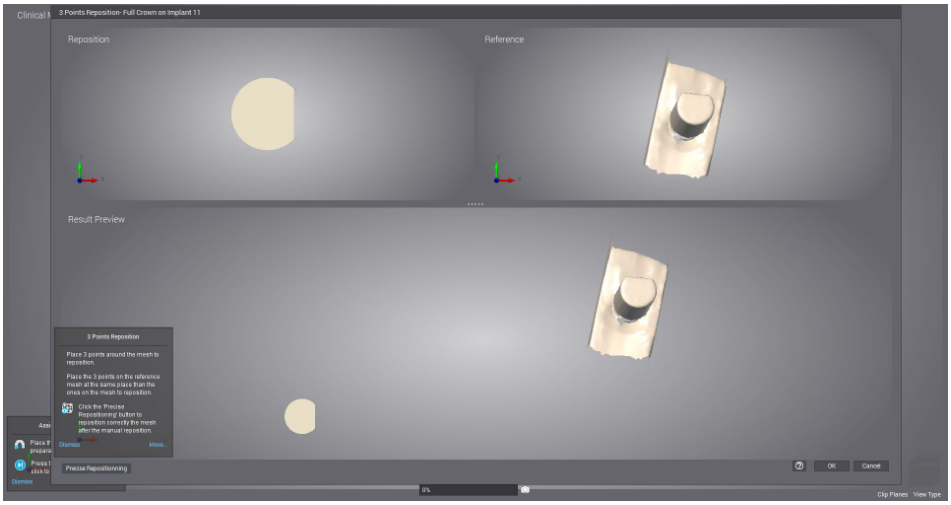


In the next step, it is performed the position of the scanned model.

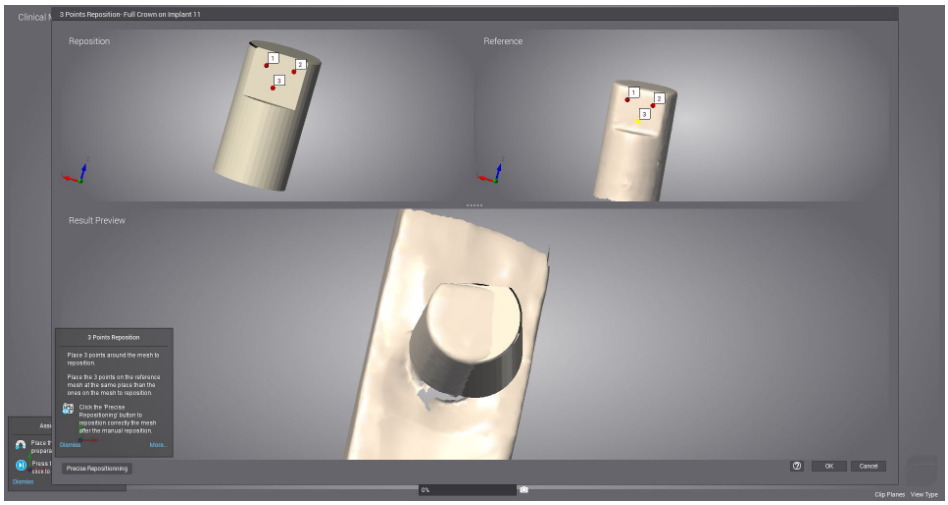


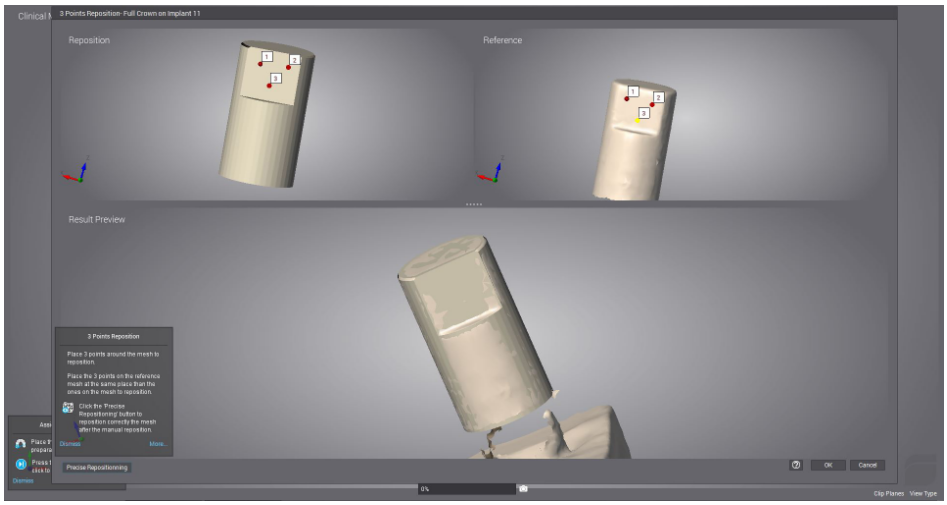
Then select the zone where the scanbody is located, once selected the zone, this will stand out in a different colour and it will be the zone where look for the scanbody exact position.

Replacement zone with 3 scanbody dots.

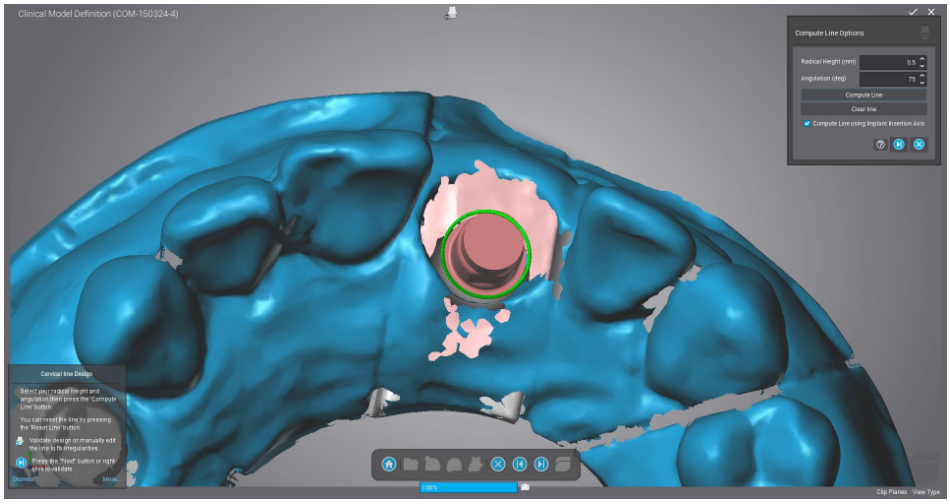


Select 3 dots as it is shown in the following image. Then select the precise repositioning to finish the scanbody adjustment.



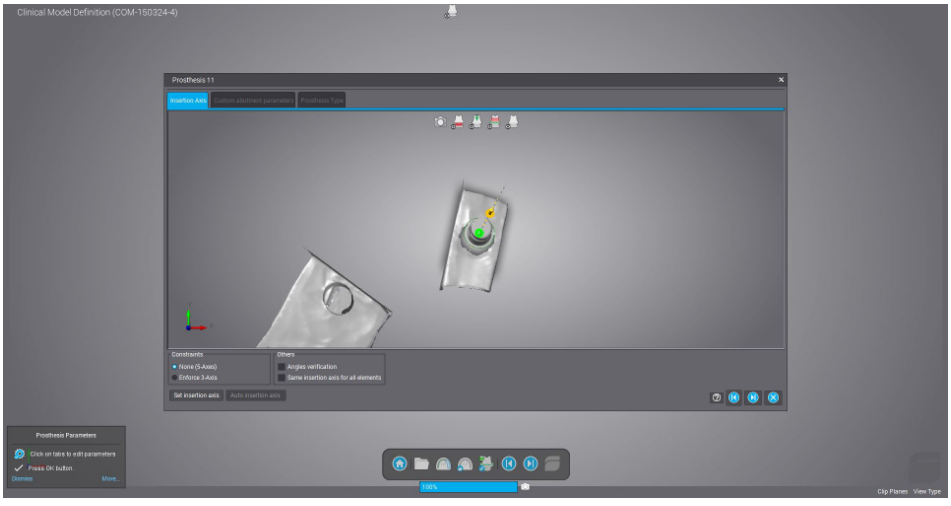


The cervical line is defined where the radical height, the inclination angle of the line, etc. can be modified.

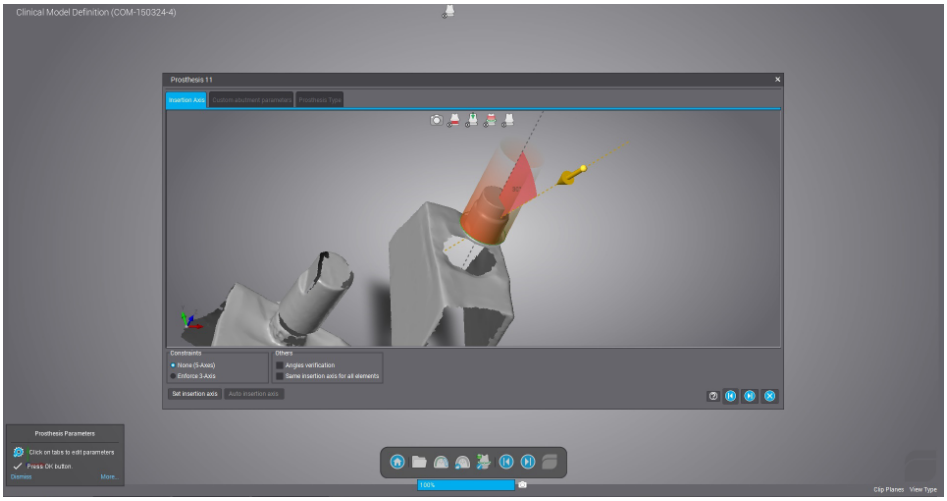


Chimney angle definition

Then define the insertion axis, the abutment parameters and the angle of the screw hole.



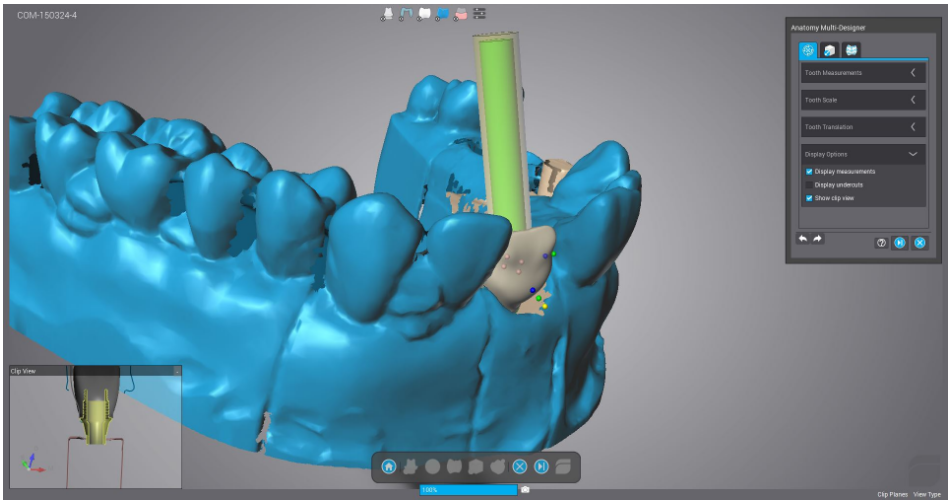
As it is shown in the following image, the yellow line allows moving the chimney axis, which can be freely moved in any direction, but the chimney has to go out through the Tibase cut. Note that Ti bases can be angulated from 0 to 45° in regular and wide platforms, and from 0° to 25° in narrow platforms. This angle value can be modified also when the structure is being designed.



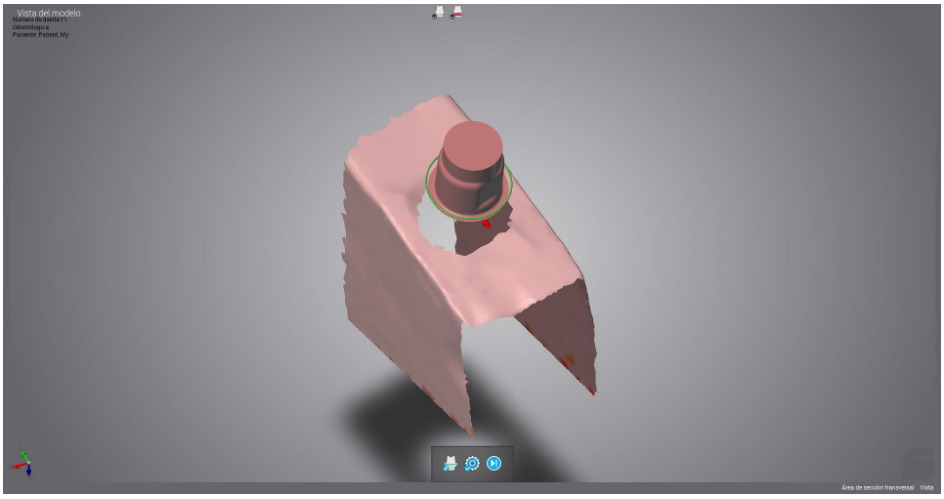
After it can be defined the adaptation of the surroundings, this option is similar to any kind of work.

Select next and confirm to proceed to CAD design.

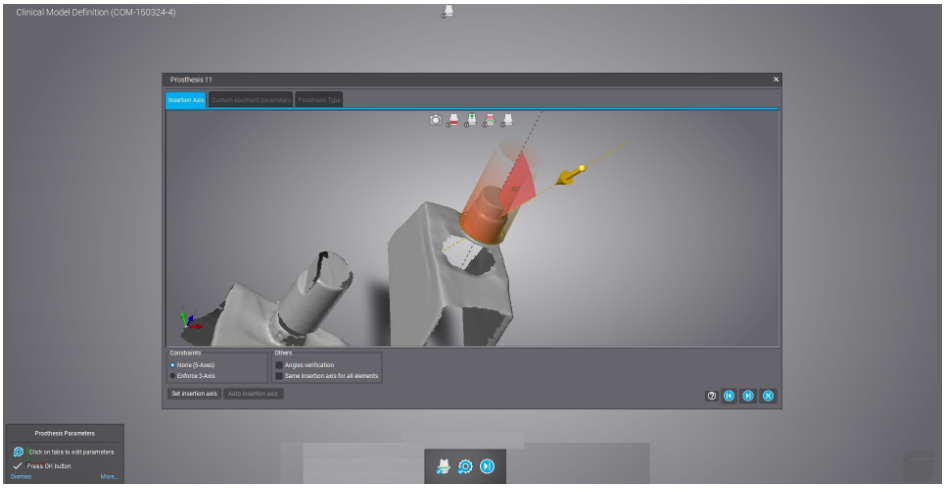
Then design the structure, as it is shown in the following images the chimney is angulated according to the previous design.



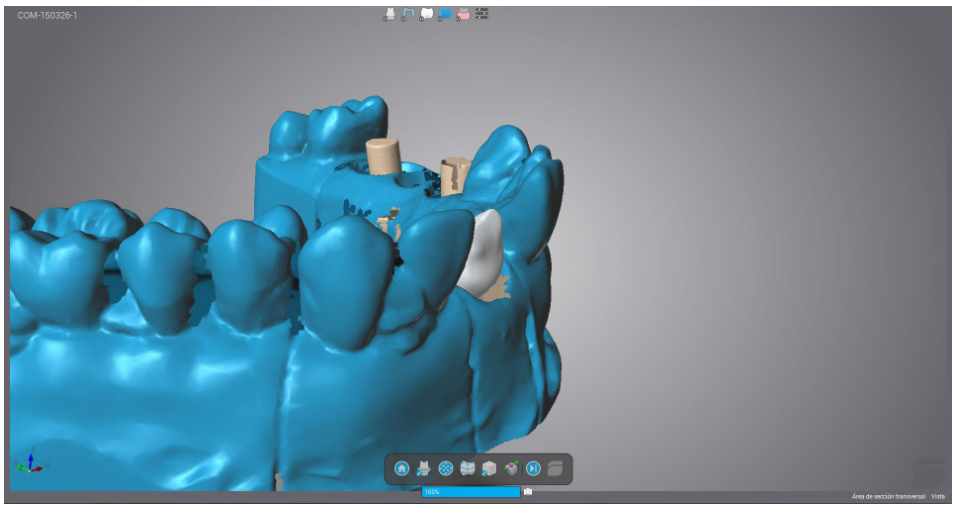
If you want to modify the angulation, select the option “Edit Margin Line”.



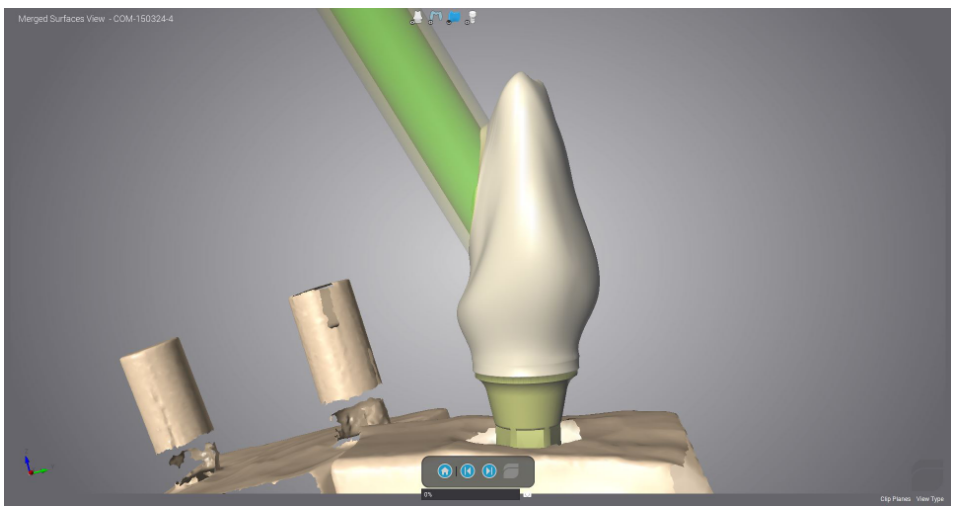
Then select “Design parameters validation” and it will appear once again the option to modify the chimney angulation.

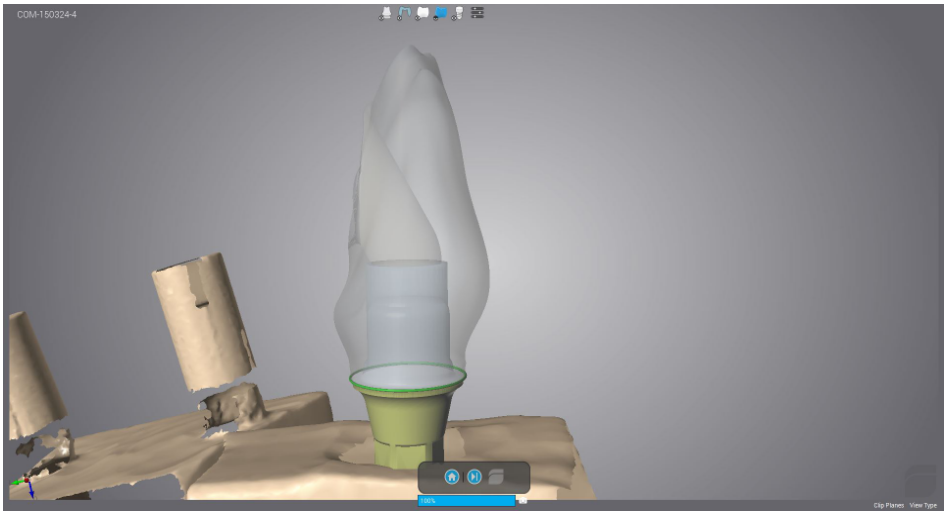


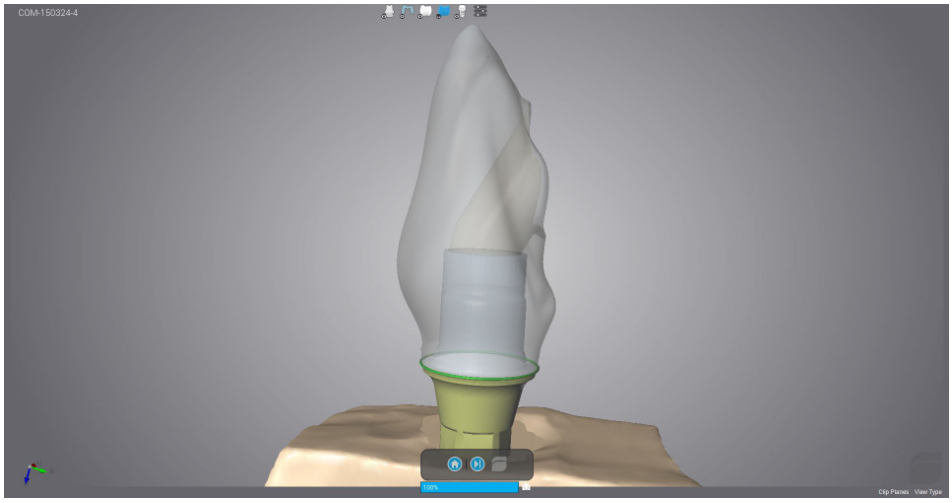
If you want you can change the angulation and proceed once again to the prosthesis final design.



Final structure design with desired angulation.







ANNEX: CAPTIVE LIBRARY INSTRUCTIONS FOR USE

Introduction

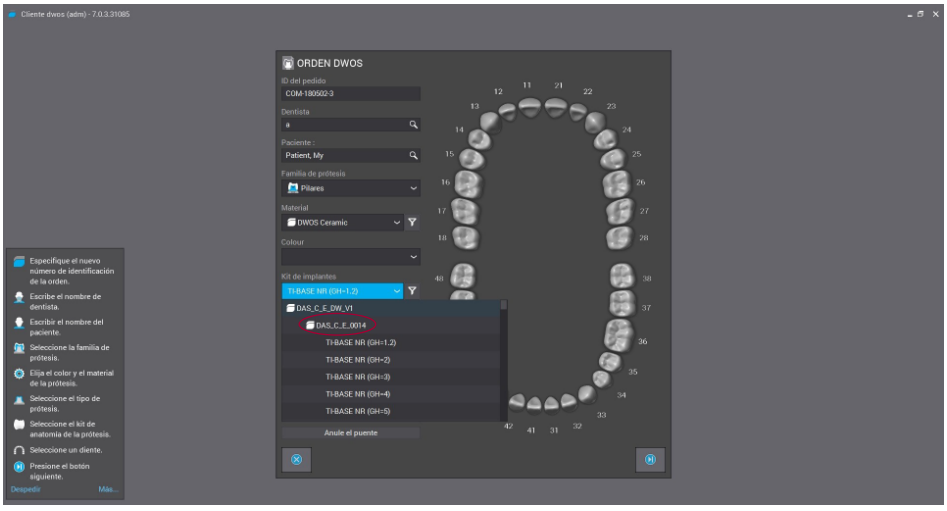
Working with captive screw, the Dynamic Abutment Solutions library is designated:

DAS_C_E_XXXX working with Tibase scanbody

Where C means captive, E is Tibase scanbody, and XXXX the compatibility code.

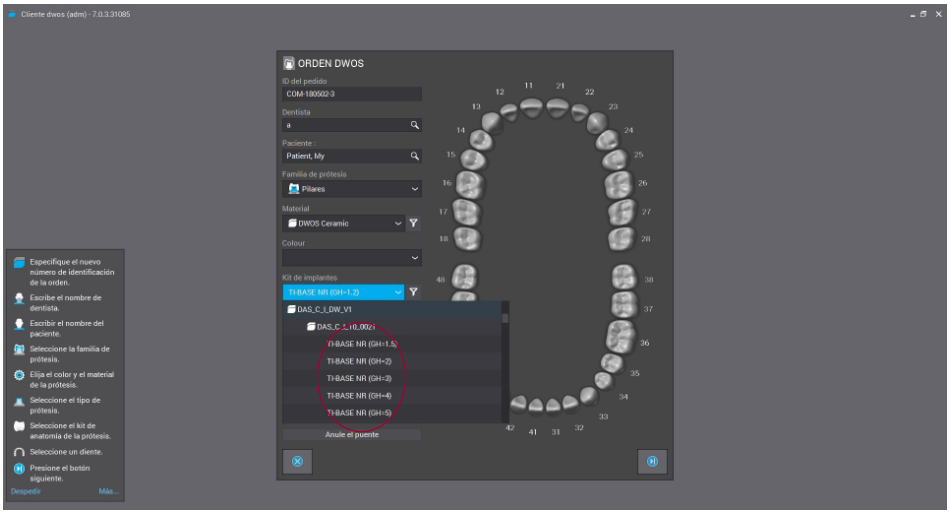
Note: when working with captive screw, it is necessary to place first the screw on the Tibase and after cement the structure, obtaining approximately a screw channel of 2mm which allows to remain the captive screw.

Working with this library, the process to start the software is the same. Choose the option to work with the captive screw, selecting the library according previous indications. See the library name on following picture.



After selecting the connection to work, select the type of work. One of main advantages of this system is there are different Ti-bases with different gingival heights, either engaging or non-engaging.

Ti-Base_NR (GH*) = Engaging TiBase
Ti-Base_R (GH*) = Non-engaging TiBase
*(GH= Gingival Height)



After selecting the type of work, when designing the structure the channel can be modified from 0º to 45º.