AIS 3D App
Scanning Model Procedure
1- Plug the Model holder onto TRIUM unit

2- Place Model onto the holder

3- Start AIS SW
4- Select your patient
5- Press on 3D Acquisition
6- According the Model size you want to scan select Child small for 8x8 FOV or Medium for 11x8 –High Quality as the picture below.

7- Do not turn ON STAR Filter
8- Select 100µm resolution as the picture below
9- Adjust the axial laser in order to get the lower part of the model without getting the support.

10- Do the acquisition.
11- Open the scan to generate the surface from Tools Generate surface
12- Adjust the threshold according to the material scanned:
For a plaster cast model, adjust the threshold at 600 HU
For a silicon model, adjust the threshold at -400 HU

NB: These settings might vary according to the impression material used.

Press on Generate surface,
Then press OK if the surface generated if complete otherwise, adjust the threshold and repeat the procedure.

13- Export the STL file generated thanks to the Save button and Export to STL file submenu.
14- Save the file into your diesier folder to send it to your LAB.