AIS 3D App Scanning Model Procedure



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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

T Action on		f				
	Select exam filtering parameters.					
	ATTENTION					
СВСТ	Please use voxel sizes inferior to 100 µm only for field of views 40x40 and 60x60! With larger FOVs this would require extremely high processing resources and time. Additionally the 3D volume produced would be excessive in dimension.					
	Filtering O Reduced SHARP STAR Own					
	500 Threshold:4000 500	0				
cquisition Parameters Current: 6 mA Voltage: 86 kV Current Time Product: 54.0 mAs DAP: 800.8 mGycm ³	100 µm					
	Restart	đ				

9- Adjust the axial laser in oder 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 surfface



12- Adjust the thresold according the material scanned : For a plaster cast model, adjust the threshold at à 600HU For a silicon model, adjust the threshold at -400HU



NB : THese settings might vary according the impression material used.



Press on Generate surface,

Then press OK if the surface generated if complete otherwise, adjust the thresold and repeat the procedure.



13- Export the STL file generate 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.

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Organise 👻 New folder					8:: -	?
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File name:						~
Save as type: STL(*.stl)						~
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