



core3d
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Model Archiving

The UK Orthodontic industry have been leading the way in the production of 3D digital study models from original gypsum models. This is mainly the result of changes in Government legislation which stipulates pre- and post-treatment study models as 3D digital images in STL file format must be submitted to the health board. As a result of this Core3dcentres® have been working with Orthodontists to generate STL files by scanning their gypsum models.

Indications:

- Upper and Lower Arches

Advantages:

- Files can be transmitted between two parties instantly
- No physical storage required
- No breakages or chips or other deficiencies to the model

Model Archiving

For the laboratory

What to send:

To receive a 3D digital image in STL file format the original plaster model in good condition should be sent to the laboratory 48 hours prior to your required delivery time.

- The original plaster model should be accurately trimmed and clearly marked to verify the occlusion
- The date of the impression should be clearly marked on the original plaster model

What you get back:

- The original plaster model produced as a 3D digital STL file format
- Two password protected CD's containing the 3D images in STL file format, one to be retained by the orthodontist and the other to send to the health board

For the clinician

- The original plaster model in good condition (showing all erupted teeth with no voids, chips, breakages or other deficiencies) with good extension into the sulci
- The original plaster model should be accurately trimmed and clearly marked to verify the occlusion
- The date of impression is clearly marked on the original plaster model
- Two password protected CD's containing the 3D images in STL file format, one to be retained by the orthodontist and the other to send to the health board