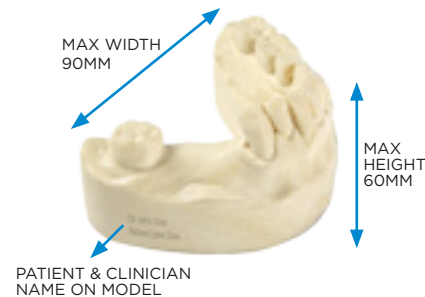


Plaster Model guidelines for a tooth-supported Simplant® Guide

The quality of the plaster model influences the quality of the Simplant Guide

- The quality of the impression and plaster model will influence the fit of the tooth-supported Simplant Guide. Make sure to use an accurate and stable impression material (e.g. poly-ether, silicone).
- Use only an up-to-date plaster model, as the teeth position can change over time.
- The model should be intact. Repaired models, models with parts broken off from teeth or mucosa, models with air bubbles in teeth or mucosa as well as models with laboratory cuts cannot be used.
- The maxillary model should contain the complete palate as well as tuberositas for a good stability. Always include as much soft tissue information as possible and avoid structures that hide the exact shape of the ridge (tongue, cheek ...)



Dimensions

Use a plaster model of the entire jaw. The model should be big enough with no implants planned outside the cast. At the same time the maximum dimensions of the plaster model should not be more than 90 mm width and 60 mm height to facilitate the optical scanning process.

Extractions

It is possible to design and produce a Simplant Guide prior to tooth extraction. This allows you to immediately and accurately place an implant into an extraction socket. Make sure you remove any teeth that will be extracted during surgery from the plaster model before sending it in.

- ! Full extraction:
- 1 model with original dentition
 - 1 model with teeth ground away



Wax-up

Prepare a wax-up of the ideal tooth set-up. A virtual wax-up is also possible in Simplant or third party design software.



Optical scan

Make optical scans of the plaster model with and without wax-up. Alternatively, ship the plaster model with wax-up to Simplant or your conversion center.



Shipment

Mark the name of the dentist or ordering person and the name of the patient on the model.

Copy the order form and include it with your plaster model delivery.

Make sure that the model is well packed and protected in a solid box.

Do not include impressions, articulators, occludators or the model of the opposite jaw since this can damage the model.

Remove articulator sockets from the model.

Ensure that the plaster model has a base to reduce the risk that the model will break during shipping and handling.

A pick-up of the model can be organized at www.DentalPlanit.com upon ordering the data conversion.