

Facilitate™ Surgical Guide Planning for the different guide options

There are 3 guide options:

- Bone-supported
- Tooth-supported
- Mucosa-supported

• Surgical guides

The different surgical guides are made using a stereo-lithographic process and are custom- made for each individual patient. This CadCam-supported process uses a **scan prosthesis** placed intra-orally during a CT scan exposure. The treatment planning is completed in the Facilitate™ Software which provides all information needed to fabricate the different surgical guides. The guides are manufactured by Materialise.

• Scan prosthesis

The scan prosthesis is needed for the CT scan and is made with a specified amount of BaSO₄ (barium sulfate) to obtain radio opaqueness of the tooth set up/mucosa.

The dental laboratory fabricates the scan prosthesis with the patient's current denture or a new fabricated denture as a "master."

Note: The scan prosthesis is the basis for the whole treatment, which means that the "master" denture must be optimized in terms of tooth set-up, both from a functional as well as from an esthetic (tooth positions) point of view.

When planning for tooth supported surgical guides, a plaster model is needed for final adjustments.



• CT scan

The CT scan is needed in the treatment planning for all different surgical guides. For bone-, and mucosa- supported surgical guides, a radio opaque scan prosthesis should be placed intra-orally.

The tooth-supported surgical guide requires a teeth set-up visible in a plaster model. The plaster model should represent the tooth set-up as it will be at the time of surgery. Additionally, a CT scan of the patient with a scan prosthesis made with radio opaque teeth can be used.



