



SimPlant® OMS scan guidelines

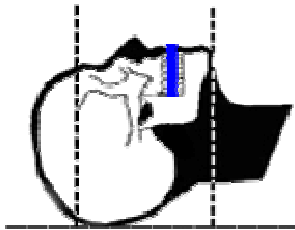
1. Always scan with bite index

- Centric relation
- Radiolucent material
- Thickness of approximately 1mm at the premature contact, no perforations or tooth contacts
- Trimmed following the dental arch, the index may not cause deformation of the soft tissue

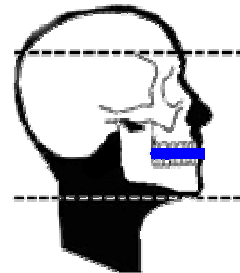


2. Scan preparation

- Field of view:
 - Soft tissue Nasion to Soft tissue Menton
 - Including nose and chin
- Positioning and stabilization:
 - Do not use a bite stick
 - Take care not to deform the soft tissue (no chin cup, no straps)
 - The transaxial (CB) CT slice plane should be parallel to the occlusal plane.



Standard CT



CBCT

3. Scan settings

| Standard CT | |
|-------------------------------|-------------------------|
| Matrix | 512 x 512 |
| Slice thickness | Max. 1.0 mm |
| Reconstructed slice increment | Max. 1.0 mm |
| Feed per rotation | Max. 1.0 mm |
| Reconstruction algorithm | Bone or high resolution |
| Gantry tilt | 0° |
| Export | DICOM |

| CB CT | |
|--|-----------------------------------|
| Export | DICOM, see CBCT export guidelines |
| You can download the CBCT export guidelines from the Product section of our website www.materialisedental.com | |