

CT PROCEDURE-SURGICAL GUIDES

ZYGOMA



Single CT procedure (bone only planning)

- Take a CT scan of the patient without a splint and without their prosthesis (partial, full denture, etc.).
- The jaws should NOT be occluded, e.g. use cotton swabs.



Double CT procedure (prosthetic planning)

CT1

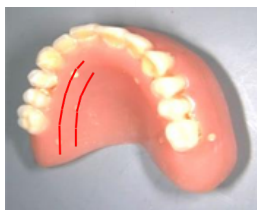
- Take a CT scan of the patient with the radiographic splint placed in the appropriate maxilla (the patient's own full denture or an acrylic duplicate).
- The patient must bite a bite index, cotton swabs or wax.



CT2 •CT of the radiographic splint (WITHOUT the radiographic index). Use a piece of foam, porexpan, cardboard box, etc. (translucent material) as a base. The splint must be in a position similar that in the mouth. • Use the same scanner parameters for the CT scan of the splint as for the patient's previous CT scan.

CT parameters

- Cuts: Axial.
- Area: Up to half of the orbit.
- Maximum cut thickness and spacing: 1 mm.
- Gantry tilt: 0°
- Bone and soft-tissue filter.



Radiographic splint

- 9-12 holes drilled with a Ø1.5 mm drill and 1 mm deep.
- 6 lingual and 6 vestibular, molar, premolar and canine (although another option is correct).
- Place the holes in different planes at different levels in relation to the occlusal plane.
- Fill the holes with gutta-percha.



E: lab@otelladental.com.au

Mob: 0493 458 873

Mob: 0411 878 263