# *Six Steps to Guided Implant Surgery with ROE Dental Laboratory's Implant Planning Service*


**1. Restorative Doctor:**
Provide accurate full arch maxillary and mandibular silicone impressions taking care to include the palate on the maxillary arch, bite registration, and work authorization identifying complete treatment objectives. It is required that all anterior cases include a study model and full face photograph.

**2. ROE Dental Laboratory:**
Create diagnostic work-up (5 days in lab) of the proposed final tooth position and after approval by the GP, via model inspection or a video ROE eConsult review, a CT scan appliance (3 days in lab) based upon those positions will be created.

**3. Restorative Doctor:**
Verify the fit of the scan appliance and send the patient with the appliance for imaging.

**4. Imaging Site:**
Record CT scan & send the DICOM to ROE Dental Laboratory via CD or upload to our FTP site. It is critical that the scan be taken following criteria specific to the planning software to be used. The imaging site should contact us prior to seeing the patient to discuss the protocols.

**4. ROE Dental Laboratory:**
Using the CT data and the planning software a surgical plan is created (3 days in lab) ensuring implant placement meets aesthetic and functional requirements as predetermined by the diagnostic wax-up within the confines of the existing bone structure.

**5. Restorative and Placing Doctor:**
Modify and approved the surgical plan for guide fabrication during an interactive online meeting using gotomeeting.com platform. Complete and return the surgical guide approval and drill sequence form.

**6. ROE Dental Laboratory:**
Create the surgical guide (3 days in lab iDent, 12 days in lab NobleGuide) which correspond to the surgical drill sequence and return for surgery.