

## Digital Planning Process

1. Surgeon orders **Digital Plan**.
  - a. Contact information is added to order form.
  - b. Procedures are identified if known or left blank until review of the initial information.
  - c. Uncompressed DICOM CT data and digital picture are sent to ProtoMED.
  - d. Stone teeth are sent to ProtoMED.
2. ProtoMED will create a set of 3D images from the scan along with a 3D cephalometric analysis and send them to the surgeon.

- a. ProtoMED basic report includes:

SNA Ang_2D	SNB Ang_2D	ANB Ang_2D
Maxilla Bite Pitch	Mandible Bite Pitch	Midline Yaw Offset
Maxilla Bite Roll	Mandible Bite Roll	
TotFaceHt(N-Gn)_2D	LwFaceHt(ANS-Gn)_2D	PM - Face Ratio
U1 to NA_2D	L1 to NB Ang_2D	U1 to L1 Ang_2D
Up Lip to E-Pln_2D	Lw Lip to E-Pln_2D	

- b. Available standard analyses include:

ABO	Alabama	Alexander
Bjork	Iowa	McLaughlin
McNamara	Steiner	

- c. Custom measurements or reports can be created on request.
3. Surgeon defines or confirms procedures based on initial 3D Images and Analysis
  - a. Sketches and detailed notes are finalized on page 2 of order form.
4. ProtoMED provides a plan including landmark position changes, before and after images of bone and soft tissue, as well as a cephalometric analysis of the proposed final position.
5. ProtoMED reviews the plan with the surgeon using GoToMeeting<sup>®</sup> for live interaction and makes modifications as required.
6. Surgeon approves the plan.
7. ProtoMED produces and ships physical parts such as splints and anatomical models.