

FastMap Basic Photogrammetry (non-navigated):

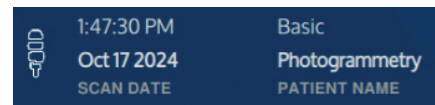
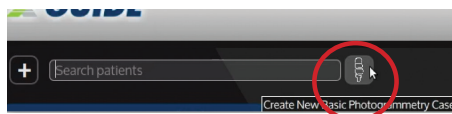
- Maps the Multi-Unit Platform Positions in relation to each other.
 - Needs 3 or more Scan Bodies on MUA, no CBCT scan or Patient Tracker required.
 - The relative positioning/orientation to the patient is established with an additional intraoral scan (using Elos IO 2C A or white caps).
 - Great for **Final Prosthesis** design and fabrication.
 - If using **Basic** Photogrammetry for **Same Day Provisional Prosthesis**, the traditional basic photogrammetry fiducial marker IOS protocol is needed for matching with the diagnostic wax-up. (Consult your Lab.)
- (Refer to the FastMap Scan Body Instructions for Use for details specific to Scan Body parts).

STEPS:

1

Create Basic Photogrammetry Patient:

- From the Patient select page, create a new generic case which will be named 'Basic Photogrammetry', by clicking on this Button.

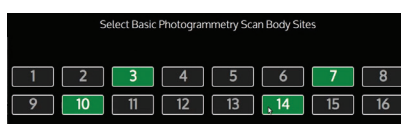
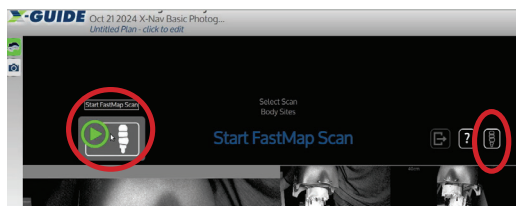


- We recommend to first enter the patient's name in the 'Enter Plan Name' text area.
- Select the desired jaw for the scan: Maxilla, Mandible or Both. Software will auto advance to the FastMap Basic page.

2

Basic FastMap Capture Page:

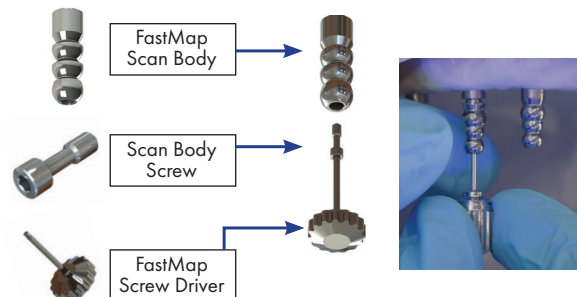
- Click on either the Start button or the Select Site button to open the Select Implant Site window.
- Click to highlight desired Scan Body Sites. Number of selected sites should equal number of mounted Scan Bodies.



3

Mount Scan Bodies:

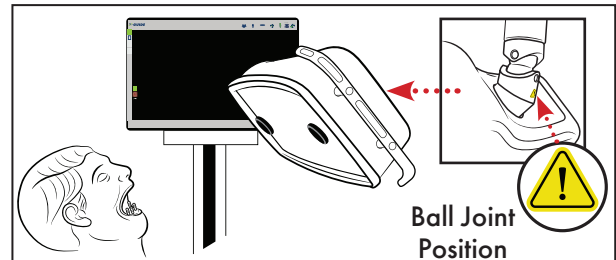
- Mount MUA's to implant platforms.
- Slightly engage the Scan Body Screw into the Scan Body using the FastMap Driver.
- Mount and hand tighten FastMap Scan Bodies with FastMap Driver.
- Ensure Scan Body is fully seated but not over torqued.



4

Positioning and Setup:

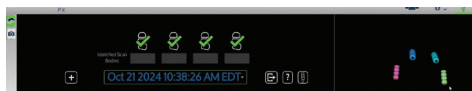
- Position camera in front of the patient, as if the patient is looking in a mirror (making sure Scan Bodies are visible). Yellow sticker on ball joint should be facing the patient's feet.
- Camera distance should be within 50-60 cm.
- Remove blood from Scan Bodies by rinsing with water.
 - **DO NOT air dry or wipe with gauze.**



5

Capture Scan:

- Click the Start button to initiate capture.
- A camera angle indicator will display in the camera views. Green is ideal. Red and Yellow require patient head position adjustment up or down.
- During capture, move the patient's head slightly from side to side and up and down to capture additional angles of Scan Bodies. (Green check marks indicate a successful capture.)
- If a Scan Body is interfering with the capture of another, it can be removed as long as it has already been captured.
- Keep in mind that 3 fully captured Scan Bodies must remain visible by the cameras in order for FastMap to capture the remaining Scan Bodies.
- Visually verify Scan Body positions in 3D rendering window.

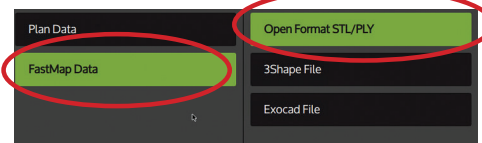


Scan Bodies can now be removed.

6

Export:

Click the Export icon  in the FastMap page or from the Workflow bar  to enter the Export Output page. Select items circled in red below.



- Select file format as requested by dental lab.
- Click the Export button last and browse to desired export location and Save.
- Resulting ZIP file contains the below information. The highlighted file is used by your dental lab to modify pre-op design and produce the provisional. The Nobel whitecap STL and XMUA60 is found in the Advanced folder.

