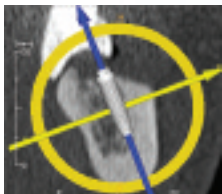


This reference guide is designed to provide the CT scanning facility with pertinent information on EasyGuide™ planning software parameters.

EasyGuide planning software – a simple and easy part of a planning and placement system that provides clinicians, laboratories and scanning centers with an innovative approach to maximize the use of CT data in treatment planning for implant placement.

BUSINESS BUILDING TOOL

Coupling this cutting-edge technology with your scanning services increases the utilization of dental CT scans, improves patient acceptance through better 3D visualization and strengthens referral relationships.



AFFORDABLE

EasyGuide is priced affordably with payment options. The ease of use of the system reduces treatment planning time – efficient treatment planning leads to less chair time.



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FEATURES

DICOM converter included

You get immediate file conversion that is virtually unequaled in the industry.

Superb 3D visualizations

Volumetric rendering gives you “X-ray” vision to internal teeth structures while bone surface profile rendering allows you to clearly visualize virtual implant placement.

Easy-to-use tools facilitate the treatment planning process

Define volume of interest, assess bone density (as measured in Hounsfield units), detect implant and nerve proximity, among many other features.

Open Platform

Use this software for planning with most implant systems.



GENERIC CT PARAMETERS

DICOM 3 Multi-file Individual Single Slice Format for CBCT or Medical Grade Scanners:

Image Size	Square matrices of 512 X 512 pixels
Gantry Tilt	0.0 Degrees (mandatory)
Scanner Slice Thickness	0.4mm optimal (max 1.0mm)
Scanner Step Increment	0.4mm optimal (max 1.0mm)
Reconstruction Algorithm	Bone or High Resolution
Reconstructed Slice Thickness	0.4mm optimal (max 1.0mm)
Reconstructed Slice Spacing	0.4mm optimal (max 1.0mm)
Field of View (FOV)	Typically 150 – 180mm
Image File Format	DICOM 3 Multi-File, axial only. Each arch should be scanned in a separate series.
Compression	None

File Management:

Image File Format	DICOM 3 Multi-File, axial only. Each arch should be scanned in a separate series.
Compression	None
Data Set Management	Individual slices, patient folder with patient's name and arch scanned <i>Example: Jonesmaxilla.DCM</i>
Media output	Data delivered on CD-R

QUICK REFERENCE GUIDE

The patient should have a prescription form indicating the jaw to be scanned

- The patient** has been instructed on how to place their radiographic guide and bite registration. If a surgical guide is desired, the patient must be scanned with an X marker secured in the radiographic guide. If no radiographic guide is provided, ensure a 5mm separation of the arches.



- Scan the patient** face up or forward and make sure the patient's head is not tilted to either side. Orient the patient's head so that the axial images are parallel to the occlusal plane of the arch being scanned.
- Align the scan** along the edges of the teeth in the arch being scanned. Preview with scout film. Ensure that the X marker can be seen entirely.

4 Field of View

MAXILLA (*upper jaw*)
Visualization of the entire guide including the **X marker** and the maxillary arch including the region of the sinus.



MANDIBLE (*lower jaw*)
Visualization of the entire guide including the **X marker** and the mandibular arch including the inferior dental canal.



- Place the images** in a patient folder. The referring doctor will provide instruction on where the Multi-File uncompressed DICOM 3 data CD is to be sent.