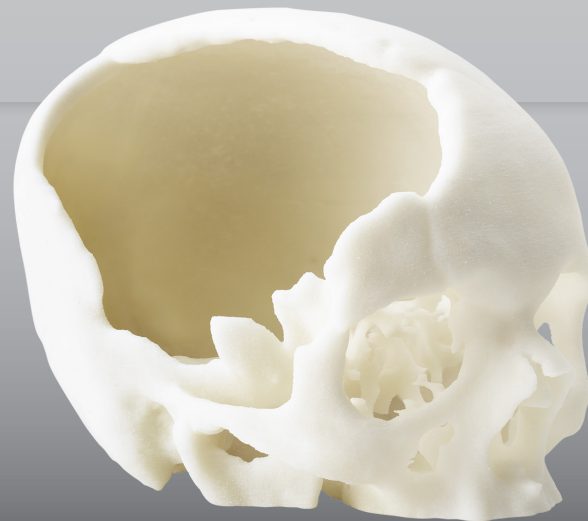
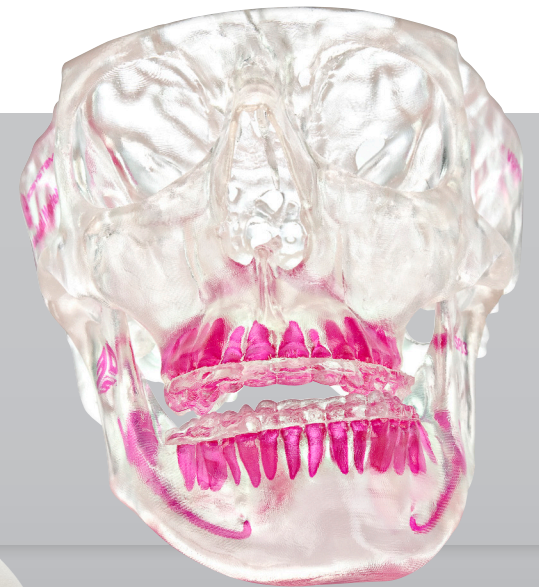


# 3D SYSTEMS<sup>®</sup>

CT-based anatomical  
bone models








## CT-based anatomical bone models

### CT scanning guidelines

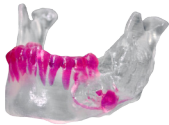



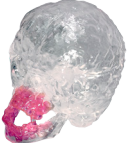
1. A 2-D axial, or helical CT scan without contrast done in the axial plane should be performed using 1mm x 1mm (or less) cuts to give the most accurate dataset. The patient should be positioned supine with occlusal plane parallel to the gantry. The scan should be performed using a standard algorithm (not bone or detail), using a 25cm field of view (FOV), and archived as uncompressed image data (Do **not** send raw data).
2. The CT scan facility will archive the image data from the scan to an optical disk or CD-ROM for transport to 3D Systems, Inc. (Do **not** send film). Certain facilities may also be able to FTP (file transfer protocol) this data for Internet transfer. Have the CT facility contact 3D Systems, Inc. to discuss different options for transfer of data. Optical disks will be returned to the scanning facility.
3. 3D Systems, Inc. supports all brands of scanners.

### OsteoView anatomical models

	Cat. No.	Qty	Description
	6500000011	1	OsteoView mandible
	6500000012	1	OsteoView maxilla
	6500000013	1	OsteoView mandible and maxilla
	6500000014	1	OsteoView full skull adult
	6500000015	1	OsteoView full skull pediatric (up to 5 years)

- Opaque physical appearance
- Low cost

### ClearView anatomical models

	Cat. No.	Qty	Description
	6500000006	1	ClearView mandible
	6500000007	1	ClearView maxilla
	6500000008	1	ClearView mandible and maxilla
	6500000009	1	ClearView full skull adult
	6500000010	1	ClearView full skull pediatric (up to 5 years)

- Sub-millimeter accuracy
- Sterilizable material
- Selective coloration of vital structures

**We offer CT-based anatomical bone models to help with pre-surgical planning for complex cases. Models can be used for distraction osteogenesis, orthognathics, skull based tumors and mandible and cranial reconstructions.**

- Designed to increase OR efficiency through enhanced pre-operative planning
- Accurate 3-D models



**Please visit**

[www.3dsystems.com/medicaldata](http://www.3dsystems.com/medicaldata) for digital transfer of DICOM images.

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