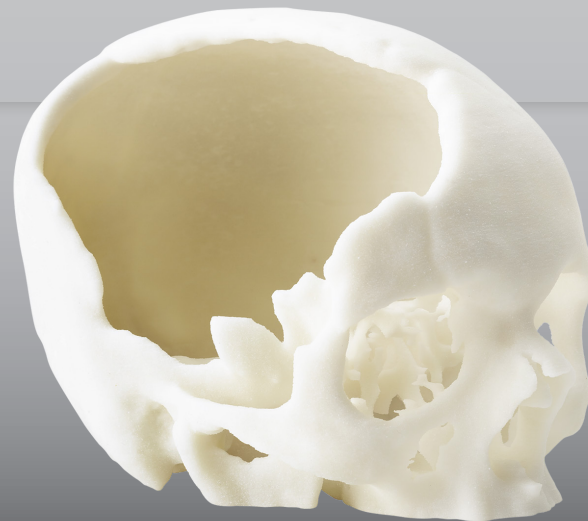
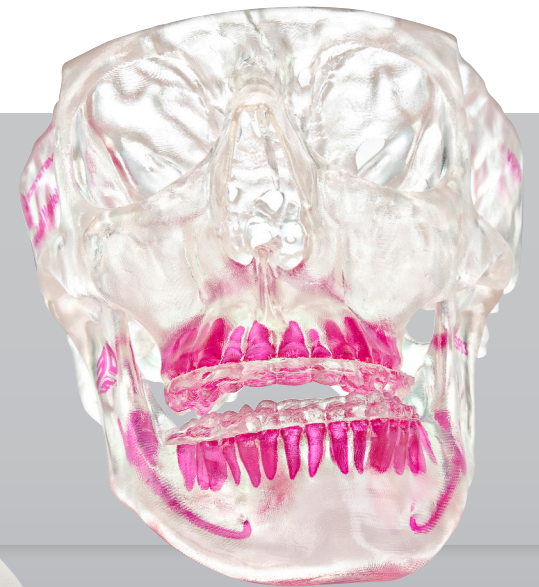


3D SYSTEMS[®]

CT-based anatomical
bone models








CT-based anatomical bone models

CT scanning guidelines

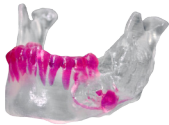



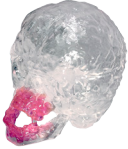
1. A 2-D axial, or helical CT scan without contrast done in the axial plane should be performed using 1mm x 1mm (or less) cuts to give the most accurate dataset. The patient should be positioned supine with occlusal plane parallel to the gantry. The scan should be performed using a standard algorithm (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



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